

Appendix 4

Material Safety Data Sheets (MSDS)

Magco, Inc. Product Components

<u>Product Name</u>	<u>Components</u>
Solar Mixing Salt	Sodium Chloride
Rock Salt	Sodium Chloride
TETRA 94/ Melts Smart	Calcium Chloride
Pro Grade Solar Salt for Water Softeners	Sodium Chloride
Agricultural Grade Feed Mixing Salt	Sodium Chloride
Halite Rock Salt	Sodium Chloride
NJ Transit Custom Mix	Sodium Chloride
	Potassium Chloride
	Calcium Chloride
	Magnesium Chloride
LarchMelt	Sodium Chloride
	Calcium Chloride
	Magnesium Chloride
	CMA
Monster Melt Premium Ice Melt	Sodium Chloride
	Potassium Chloride
	Calcium Chloride
	Magnesium Chloride
	CMA
Merlin Melts Like Magic Premium Ice Melt	Sodium Chloride
	Urea
	Potassium Chloride
	CMA
Mr. Magic Premium Ice Melt	Sodium Chloride
	Potassium Chloride
	Calcium Chloride
	Magnesium Chloride
	CMA
EarthGuard All Natural Ice Melter	Sea Salt
	Potassium Chloride
	Urea
Premium Ice Melter with CI-56	Sodium Chloride
	Calcium Chloride
	Magnesium Chloride
	CMA
Premium Performance Ice Melter	Sodium Chloride
	Calcium Chloride
	Magnesium Chloride
Commercial Performance Ice Melter	Sodium Chloride
	Calcium Chloride
	Magnesium Chloride
	Potassium Chloride
	CMA
EverGreen Pro Ice Melter	Sodium Chloride
	Urea
	Potassium Chloride
	Magnesium Chloride
	CMA

Tom Ames

From: Geneincs@aol.com
Sent: Monday, January 26, 2009 11:14 AM
To: Magcophil@aol.com
Subject: MSDS Sheets
Attachments: MSDS LarchMelt BCS.doc; MSDS LarchMelt.doc; MSDS NJ Transit custom mix.doc; MSDS Sheet Calcium Chloride pellets.doc; MSDS Sheet Anchor Ice Melt.doc; MSDS Sheet mixing salt.doc; MSDS Sheet MONSTER MELT.doc; MSDS Sheet MR MAGIC custom.doc; MSDS Sheet MR MAGIC.doc; MSDS Sheet ROCK SALT.doc; MSDS Sheet SOLAR SALT.doc; MSDS Sheet SAFER THAN SALT commercial grade.doc; MSDS Sheet SAFER THAN SALT enhanced.doc; MSDS Sheet SAFER THAN SALT Premium Grade with CI-56.doc; MSDS Sheet SAFER THAN SALT Premium Grade.doc

These MSDS sheets cover 95% of the products we ship.

Gene Bitchko
MAGCO INCORPORATED
600 South State Street
Clarks Summit, PA 18411
Phone: 570-585-8805
Fax: 570-587-8902

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MAGCO INCORPORATED

Clarks Green, PA 18411

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (COMMON NAME OR SYNONYM): NJ Transit custom mix

COMPOSITION:

This is a blend of four (4) ice melting chemicals plus a corrosion inhibitor.

Sodium Chloride CAS Number 7647-14-5

Potassium chloride as Muriate of Potash CAS# 7447-40-7

Calcium Chloride CAS Number 10043-52-4

Magnesium Chloride CAS Number 7791-18-6

II. MANUFACTURER NAME AND ADDRESS:

MAGCO INCORPORATED

120 North Abington Road

Clarks Green, PA 18411

Quality Assurance

570-586-2338

November 8, 2004

CONTACT:

PHONE NUMBER:

DATE ISSUED:

III. HAZARDOUS IDENTIFICATION:

Appearance: White to off white crystals and pellets. Odorless

Eye: Flakes may cause slight eye irritation. Dusts may cause severe eye irritation with corneal injury. Effects maybe slow to heal. When dissolving, the heat produced may cause more intense effects as well as thermal burns.

Skin: Short single exposure not likely to cause significant skin irritation. Prolonged or repeated exposure may cause skin irritation, even a burn. May cause more severe response if skin is damp or if material is confined to skin. May cause more severe response if skin if abraded. When dissolving, the heat produced may cause more intense effects as well as thermal burns. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.

Ingestion: Single dose oral toxicity is considered to be low. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury. Ingestion may cause gastrointestinal irritation or ulceration.

IV. FIRST AID

Eyes: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

Skin: Wash off in flowing water.

Ingestion: If swallowed, seek medical attention. Do not induce vomiting unless directed by medical personnel.

Inhalation: Remove to fresh air if effects occur. Consult physician.

V. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT:

Not Applicable

EXTINGUISHING MEDIA:

Not Applicable

SPECIAL FIRE-FIGHTING PROCEDURES/EQUIPMENT:

Not Applicable

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None

Protective Equipment for Fire Fighters: Wear positive pressure self contained breathing apparatus (SCBA) and full protective fire fighting clothing (includes fire fighting helmet, coat, pants, boots, and gloves.)

VI. ACCIDENTAL RELEASE MEASURES

Protect People: Isolate area. Avoid contact with eyes and skin. May be a slipping hazard. Stop leak if it can be done safely. Wash exposed body areas thoroughly after handling. Use appropriate safety equipment.

Protect the Environment: For small spills: losses incidental to correct application of this product in its intended uses are not expected to be harmful to the environment.

For large spills: Avoid contamination of drinking water, natural water, ground water, or any waterway. Losses incidental to correct application of this product in its intended uses are not expected to be harmful to the environment.

Clean Up: For small spills: Contain spill if possible. Collect material in suitable and properly labeled containers. Flush residue with plenty of water.

For large spills: Dike and transfer to suitable and properly labeled containers. Flush residue with plenty of water.

VII. HANDLING AND STORAGE

Handling: Heat developed during diluting or dissolving is very high. Use cool water when dissolving or diluting.

Storage: Keep containers tightly closed when not in use. Store in a dry place. Protect from atmospheric moisture.

VIII. EXPOSURE CONTROLS PERSONAL PROTECTION

Eye/ Face protection: Use safety glasses . For dusty operations, wear chemical goggles.

Skin Protection: For brief contact, no precautions other than clean body-covering clothing should be needed. Use protective clothing impervious to this material and it's components. If hands are cut or scratched or sensitive to deicing chemicals, use gloves impervious to this material.

Respiratory Protection: In dusty applications or atmospheres, use an approved dust respirator.

IX. PHYSICAL AND CHEMICAL PROPERTIES

White to off white crystals and pellets. Odorless.

Stability: Stable. Hygroscopic.

X. OTHER IMPORTANT INFORMATION

Do not dump into sewers, on the ground, or into any body of water. Follow applications directions found on the package.

Incompatibility with other materials: Corrosive to some metals. Avoid contact with metals such as: brass, mild steel, aluminum, or any ferrous metal. Flammable hydrogen may be generated from contact with metals such as zinc or cadmium. Avoid contact with sulfuric acid. Strong oxidizing agents will liberate chlorine.

Liberates Chlorine upon thermal decomposition.

For disposal of this material as a waste, act in accordance with all applicable local, state, and federal waste management regulations.

This product is not regulated by D.O.T. when shipped domestically by land.

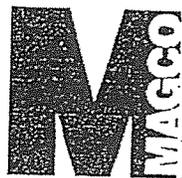
To the best of our knowledge, this product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

OSHA Hazard Communication Standard: This product contains calcium chloride which has been categorized as a "Hazardous Chemical" due to the possibility of eye or skin irritation.

Consult MSDS sheets for sodium chloride, calcium chloride, and magnesium chloride for additional information.

Disclaimer: MAGCO INCORPORATED believes that the information contained on this MSDS sheet to be accurate: however, the data and information are presented without any representation of warranty, expressed or implied, regarding the accuracy or correctness. Once this product leaves the property of MAGCO INCORPORATED, the conditions or methods of handling, storage, use and disposal are beyond the control and knowledge of MAGCO INCORPORATED. For this and other reasons, MAGCO INCORPORATED does not assume responsibility and expressly disclaims any liability for loss, damage, injury or expense arising out of or in any way connected with the handling, storage or use or disposal of this product.

Follow all instructions found on package.



MAGCO INCORPORATED

Clarks Summit, PA 18411

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME(COMMON NAME OR SYNONYM):	solar MIXING SALT
CHEMICAL NAME:	Sodium Chloride
C.A.S. NO.:	7647-14-5
FORMULA:	NaCl
MOLECULAR WEIGHT:	58.44
MANUFACTURER NAME AND ADDRESS:	MAGCO INCORPORATED 600 South State Street Clarks Summit, PA 18411
CONTACT:	Quality Assurance
PHONE NUMBER:	570-586-2338
DATE ISSUED:	June 1, 1999

II. HAZARDOUS INGREDIENTS/ IDENTITY INFORMATION

HAZARDOUS COMPONENTS: None

This product is not regulated under:

- OSHA Hazard Communication Standard 29 CFR 1910.1200
- S.A.R.A. Title III

III. PHYSICAL/ CHEMICAL CHARACTERISTICS

BOILING POINT (760 MM Hg) (o C):	1465
VAPOR PRESSURE (mm Hg/ 747 o C):	2.4
VAPOR DENSITY (Air = 1):	NA
SOLUBILITY IN WATER (g/ cc, %):	26.4
SPECIFIC GRAVITY (H ₂ O =1):	2.165
MELTING POINT: (o C):	800.4
EVAPORATION RATE (Butyl Acetate = 1):	NA
APPEARANCE AND ODOR:	White crystalline solid. No odor.

IV. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: Not Applicable
EXTINGUISHING MEDIA: Not Applicable
SPECIAL FIRE-FIGHTING PROCEDURES/EQUIPMENT: Not Applicable
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

V. REACTIVITY DATA

STABILITY: (x) Stable, () Unstable
CONDITIONS TO AVOID: Contact with strong acids
INCOMPATIBILITY (Materials to Avoid): Becomes corrosive to unprotected metals when wet.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: May evolve chlorine gas when in contact with strong acids.
HAZARDOUS POLYMERIZATION: () May occur
(X) Will Not Occur
CONDITIONS TO AVOID: Not Applicable

VI. HEALTH HAZARD DATA

ROUTES OF ENTRY:
INHALATION? May cause mild irritation of nose and throat.
SKIN? Dust may cause mild irritation.
INGESTION? Ingestion of large amounts may cause gastrointestinal upset.
HEALTH HAZARDS (ACUTE AND CHRONIC):
Ingestion of large amounts (greater than 0.1 pound) can cause gastrointestinal upset and irritation of the stomach.
No applicable information found for chronic systemic effects.

CARCINOGENICITY:
NTP? Not listed as a carcinogen or mutagen.
IARC MONOGRAPHS? Not listed as a carcinogen or mutagen.
OSHA Regulated? Not listed as a carcinogen or mutagen.

SIGNS AND SYMPTOMS OF EXPOSURE

INHALATION: Slight irritation of the nose, sneezing
SKIN CONTACT: Irritation, inflammation
INGESTION: Nausea, vomiting

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY ESPOSURE

In some cases of confirmed hypertension, ingestion may result in elevated blood pressure.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: If person breathes large quantities, remove to fresh air immediately. If breathing stops, apply artificial respiration immediately.

SKIN CONTACT: Remove clothing from affected area. Wash skin thoroughly. Rinse carefully. For eye contact, flush with water immediately, lifting eyelids occasionally.

INGESTION: Less than a few grams would not be harmful. For larger quantities, drink large amounts of water or milk.

EMERGENCY PHONE NUMBER: 570-586-2338

VII. PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Contain spills to prevent contamination of water supply or sanitary sewer system. Vacuum or sweep into container for proper disposal.

WASTE DISPOSAL METHOD:

For disposal of this material as a waste, act in accordance with all applicable federal, State, and local waste management regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Avoid humid or wet conditions as product may cake and become hard.

OTHER PRECAUTIONS: None

VIII. CONTROL MEASURES

RESPIRATORY PROTECTION: NIOSH/MSHA approved regulator for particulates.

VENTILATION

LOCAL EXHAUST: Ventilate as required to maintain airborne particulates below occupational exposure limits.

MECHANICAL: Dust collection equipment may be employed.

SPECIAL/ OTHER: Not applicable.

PERSONAL PROTECTIVE EQUIPMENT

Protective Gloves. Normal work gloves are adequate.

Eye Protection. Eyeglasses or goggles should be worn in dusty areas.

Other protective clothing or equipment. Protective clothing may be worn in dusty areas, but is usually not required.

Work/ Hygiene practices. Warm water showering and hand washing are suggested after working in extremely dusty areas.

Disclaimer: MAGCO INCORPORATED believes that the information contained on this MSDS sheet to be accurate; however, the data and information are presented without any representation of warranty, expressed or implied, regarding the accuracy or correctness. Once this product leaves the property of MAGCO INCORPORATED, the conditions or methods of handling, storage, use and disposal are beyond the control and knowledge of MAGCO INCORPORATED. For this and other reasons, MAGCO Incorporated does not assume responsibility and expressly disclaims and liability for loss, damage, injury or expense arising out of or in any way connected with the handling, storage or use or disposal of this product.

M MAGCO MAGCO INCORPORATED

Clarks Summit, PA 18411

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME(COMMON NAME OR SYNONYM):	Rock Salt
CHEMICAL NAME:	Sodium Chloride
C.A.S. NO.:	7647-14-5
FORMULA:	NaCl
ANTICAKING AGENT:	YPS 25 to 200 ppm
MOLECULAR WEIGHT:	58.44
MANUFACTURER NAME AND ADDRESS:	MAGCO INCORPORATED 600 South State Street Clarks Summit, Pa 18411
CONTACT:	Quality Assurance
PHONE NUMBER:	570-586-2338
DATE ISSUED:	July 1, 2005

II. HAZARDOUS INGREDIENTS/ IDENTITY INFORMATION

HAZARDOUS COMPONENTS: None

This product is not regulated under:

- OSHA Hazard Communication Standard 29 CFR 1910.1200
- S.A.R.A. Title III

III. PHYSICAL/ CHEMICAL CHARACTERISTICS

BOILING POINT (760 MM Hg) (o C):	1465
VAPOR PRESSURE (mm Hg/ 747 o C):	2.4
VAPOR DENSITY (Air = 1):	NA
SOLUBILITY IN WATER (g/ cc, %):	26.4
SPECIFIC GRAVITY (H ₂ O =1):	2.165
MELTING POINT: (o C):	800.4
EVAPORATION RATE (Butyl Acetate = 1):	NA
APPEARANCE AND ODOR:	White crystalline solid. No odor.

IV. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT: Not Applicable
EXTINGUISHING MEDIA: Not Applicable
SPECIAL FIRE-FIGHTING PROCEDURES/EQUIPMENT: Not Applicable
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

V. REACTIVITY DATA

STABILITY: (x) Stable, () Unstable
CONDITIONS TO AVOID: Contact with strong acids
INCOMPATIBILITY (Materials to Avoid): Becomes corrosive to unprotected metals when wet.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: May evolve chlorine gas when in contact with strong acids.
HAZARDOUS POLYMERIZATION: () May occur
(X) Will Not Occur
CONDITIONS TO AVOID: Not Applicable

VI. HEALTH HAZARD DATA

ROUTES OF ENTRY:
INHALATION? May cause mild irritation of nose and throat.
SKIN? Dust may cause mild irritation.
INGESTION? Ingestion of large amounts may cause gastrointestinal upset.
HEALTH HAZARDS (ACUTE AND CHRONIC):
Ingestion of large amounts (greater than 0.1 pound) can cause gastrointestinal upset and irritation of the stomach.
No applicable information found for chronic systemic effects.

CARCINOGENICITY:

NTP? Not listed as a carcinogen or mutagen.
IARC MONOGRAPHS? Not listed as a carcinogen or mutagen.
OSHA Regulated? Not listed as a carcinogen or mutagen.

SIGNS AND SYMPTOMS OF EXPOSURE

INHALATION: Slight irritation of the nose, sneezing
SKIN CONTACT: Irritation, inflammation
INGESTION: Nausea, vomiting

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY ESPOSURE

In some cases of confirmed hypertension, ingestion may result in elevated blood pressure.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: If person breathes large quantities, remove to fresh air immediately. If breathing stops, apply artificial respiration immediately.
SKIN CONTACT: Remove clothing from affected area. Wash skin thoroughly. Rinse carefully. For eye contact, flush with water immediately, lifting eyelids occasionally.
INGESTION: Less than a few grams would not be harmful. For larger quantities, drink large amounts of water or milk.
EMERGENCY PHONE NUMBER: 570-586-2338

VII. PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
Contain spills to prevent contamination of water supply or sanitary sewer system. Vacuum or sweep into container for proper disposal.

WASTE DISPOSAL METHOD:

For disposal of this material as a waste, act in accordance with all applicable federal, State, and local waste management regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Avoid humid or wet conditions as product may cake and become hard.

OTHER PRECAUTIONS: None

VIII. CONTROL MEASURES

RESPIRATORY PROTECTION: NIOSH/MSHA approved regulator for particulates.

VENTILATION

LOCAL EXHAUST: Ventilate as required to maintain airborne particulates below occupational exposure limits.

MECHANICAL: Dust collection equipment may be employed.

SPECIAL/ OTHER: Not applicable.

PERSONAL PROTECTIVE EQUIPMENT

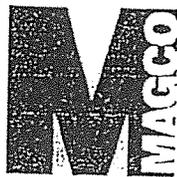
Protective Gloves. Normal work gloves are adequate.

Eye Protection. Eyeglasses or goggles should be worn in dusty areas.

Other protective clothing or equipment. Protective clothing may be worn in dusty areas, but is usually not required.

Work/ Hygiene practices. Warm water showering and hand washing are suggested after working in extremely dusty areas.

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MAGCO INCORPORATED

120 North Abington Road
The Forum Office Center
Clarks Green, PA 18411
Phone: 888-405-0047
Fax: 570-587-3550

MATERIAL SAFETY DATA SHEET

1. GENERAL INFORMATION

TRADE NAME (COMMON NAME OR SYNONYM):

TETRA 94/ Melts Smart™ Calcium Chloride

CHEMICAL NAME:

Calcium Chloride pellets

CAS NUMBER:

010043-52-4

Effective Date:

June 1, 2000

2. COMPOSITION:

Calcium Chloride	CAS Number 10043-52-4	90 -97%
Sodium Chloride	CAS Number 7647-14-5	1 -2%
Potassium Chloride	CAS Number 7447-40-7	2 -3%
Strontium Chloride	CAS Number 10476-85-4	0 -1%
Water	CAS Number 7732-18-5	

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

White to off-white pellets. Odorless. Causes eye irritation

POTENTIAL HEALTH EFFECTS: (See Section 11 for toxicological data.)

EYE: Pellets may cause slight eye irritation. Dusts may cause severe irritation with corneal injury. Effects may be slow to heal. When dissolving, the heat produced may cause more intense effects as well as thermal burns.

SKIN: Short single exposure not likely to cause significant skin irritation. Prolonged or repeated exposure may cause skin irritation, even a burn. May cause more severe response if skin is damp or if material is confined to skin. May cause more severe response if skin is abraded (scratched or cut). When dissolving, the heat produced may cause more intense effects as well as thermal burns. Not classified as corrosive according to DOT. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.

INGESTION: Single dose oral toxicity is considered to be low. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury. Ingestion may cause gastrointestinal irritation or ulceration.

INHALATION: Vapors are unlikely due to physical properties. Dust may cause irritation to upper respiratory tract.

SYSTEMIC & OTHER EFFECTS: No relevant information found.

4. FIRST AID

EYES: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

SKIN: Wash off in flowing water or shower.

INGESTION: If swallowed, seek medical attention. Do not induce vomiting unless directed to do so by medical personnel.

INHALATION: Remove to fresh air if effects occur. Consult a physician.

NOTE TO PHYSICIAN: If burn is present, treat as any thermal burn, after decontamination. No specific antidote. Supportive care. Treatment based on judgment of the physician in response to reactions of the patient.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT: Not applicable.

METHOD USED: Not applicable.

FLAMMABILITY LIMITS

LFL: Not applicable.

UFL: Not applicable.

HAZARDOUS COMBUSTION PRODUCTS: Not applicable.

EXTINGUISHING MEDIA: This material does not burn. If exposed to fire from another source, use suitable extinguishing agent for that fire.

FIRE FIGHTING INSTRUCTIONS: Keep people away. Isolate fire area and deny unnecessary entry.

PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS: Wear positive pressure self-contained breathing apparatus (SCBA) and full protective fire fighting clothing (including fire fighting helmet, coat, pants, boots, and gloves.)

6. ACCIDENTAL RELEASE MEASURES (See Section 15 for Regulatory Information)

PROTECT PEOPLE: Isolate area. Avoid contact with skin and eyes. May be a slipping hazard. Stop leak if it can be done safely. Wash exposed body areas thoroughly after handling. Use appropriate safety equipment. For additional information, refer to "Exposure Controls/ Personal Protection", MSDS Section 8.

PROTECT THE ENVIRONMENT: For small spills: Losses incidental to correct applications of this product in it's intended uses are not expected to be harmful to the environment.

For large spills: Avoid contamination of drinking water, natural water, ground water or any waterway. Losses incidental to correct applications of this product in it's intended uses are not expected to be harmful to the environment.

CLEAN UP: For small spills: Contain spill if possible. Collect material in suitable and properly labeled containers. Flush residue with plenty of water.

For large spills: Dike and transfer to suitable and properly containers. Flush residue with plenty of water.

7. HANDLING AND STORAGE

HANDLING: Heat developed during diluting and dissolving is very high. Use cool water when diluting or dissolving (temperature less than 80F, 27 C).

Refer to "Exposure Controls/ Personal Protection", MSDS Section 8.

STORAGE: Keep containers tightly closed when not in use. Store in a dry place. Protect from atmospheric moisture.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

ENGINEERING CONTROLS: Provide general and/ or local exhaust ventilation to control airborne levels below the exposure guidelines.

PERSONAL PROTECTIVE EQUIPMENT:

EYE/ FACE PROTECTION: Use safety glasses. For dusty operations or when handling solutions of the material, wear chemical goggles.

SKIN PROTECTION: For brief contact, no precautions other than clean body-covering clothing should be needed. Use protective clothing impervious to this material. Selection of specific items such as faceshield, gloves, boots, apron or full body suit will depend on operation. IF skin comes in contact with contaminated clothing, remove the clothing immediately, wash skin area with soap and water and launder clothing before reuse. If hands are cut or scratched, use gloves impervious to this material even for brief exposure, Leather clothing and shoes will be damaged by calcium chloride.

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure guideline. When respiratory protection is required for certain operations, use an approved air-purifying respirator. IN dusty atmospheres, use an approved respirator.

EXPOSURE GUIDELINES:

Calcium Chloride	Dow 1 HG is 10 mg/ m3
Sodium Chloride	Dow 1 HG is 10 mg/ m3
Potassium Chloride	Dow 1 HG is 10 mg/ m3

9. PHYSICAL APPEARANCE

APPEARANCE: White to off- white solid pellets
ODOR: Odorless
MELTING POINT: Approx. 1424 F, 772 C
BOILING POINT: > 1500F, > 815 C
VAP. PRESS: < 0.005 mmHg @ 20 C
VAP. DENSITY: Not applicable
SOL. IN WATER: Very soluble
SP. GRAVITY: 2.2

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable. Hygroscopic.

CONDITIONS OF AVOID: None known.

INCOMPATIBILITY WITH OTHER MATERIALS. Corrosive to some metals. Avoid contact with metals such as : brass, mild steel, aluminum, or ferrous metals.

Flammable hydrogen may be generated from contact with metals such as zinc or sodium. Avoid contact with sulfuric acid. Heat is generated when mixed with water. Splattering or boiling can occur.

HAZARDOUS POLYMERIZATION: Will not occur.

11. TOXICOLOGICAL INFORMATION (See Section 3 of Potential Health Effects.)

ACUTE

SKIN: The LD50 for skin absorption in rabbits is > 5000 mg/ kg.

INGESTION: The LD50 for rats is between 967 -1663 mg/ kg.

MUTAGENICITY (EFFECTS ON GENETIC MATERIAL): For CaCl₂, in vitro mutagenicity studies were negative.

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE;

MOVEMENT & PARTITIONING: Partitioning from water to n-octanol is not applicable.

DEGRADATION AND PERSISTANCE: Biodegradation is not applicable.

ECOTOXICOLOGY: Based largely or completely on data for major component (s). Material is practically non-toxic to aquatic organisms on an acute basis (LC50 greater than 100 mg/ kg in most sensitive species).

13. DISPOSAL CONSIDERATIONS (See Section 15 for Regulatory Information)

DISPOSAL: DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal methods must be in compliance with all Federal, State/ Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. **MAGCO INCORPORATED HAS NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN MSDS SECTION 2 (Composition/ Information on Ingredients).**

FOR UNUSED AND UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: reclaimer, landfill, or waste water treatment system.

For additional information, refer to:

- Handling & Storage Information, MSDS Section 7.
- Stability & Reactivity Information, MSDS Section 10.
- Regulatory Information. MSDS Section 15.

14. TRANSPORTATION INFORMATION

UNITED STATES DOT INFORMATION: This product is not regulated by D.O.T. when shipped domestically by land.

CANADIAN TDG INFORMATION: This product is not regulated by T.D.G. when shipped domestically by land.

15. REGULATORY INFORMATION (Not meant to be all inclusive, selected regulations represented)

NOTICE: The information herein is presented in good faith and believed to be accurate as of the effective date shown above. However, no warranty, express or implied is given. Regulatory requirements are subject to change and differ from one location to another; it is the buyer's responsibility to insure that its activities comply with federal, state or provincial, and local laws. The following specific information is made for the purpose of complying with numerous federal, state, or provincial, and local laws and regulation. See other sections for health and safety information.

U.S. REGULATIONS:

SARA 313 INFORMATION: To the best of our knowledge, this product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

SARA HAZARD CATEGORY: This product has been reviewed according to the EPA "Hazard Categories" promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title II) and is considered, under applicable definitions, to meet the following categories:

An immediate health hazard

This product has been categorized as an "immediate health hazard" due to the possibility of eye and skin irritation.

TOXIC SUBSTANCES CONTROL ACT (TSCA):

All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory:

The CAS Numbers for TSCA as(are):

CAS # 010043-52.4

CAS# 007647-14-5
CAS# 007447-40-7
CAS# 010476-85-4
CAS# 007732-18-5

STATE RIGHT-TO-KNOW: This product is not known to contain any substances subject to the disclosure requirements of:

New Jersey
Pennsylvania

OSHA HAZARD COMMUNICATION STANDARD:

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

This product has been categorized as a "Hazardous Chemical" due to the possibility of eye or skin irritation.

COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY ACT (CERCLA, or SUPERFUND):

To the best of our knowledge, this products contains no chemical subject to the reporting under CERCLA.

16. OTHER INFORMATION NONE

Disclaimer: MAGCO INCORPORATED believes that the information contained on this MSDS sheet to be accurate: however, the data and information are presented without any representation of warranty, expressed or implied, regarding the accuracy or correctness. Once this product leaves the property of MAGCO INCORPORATED, the conditions or methods of handling, storage, use and disposal are beyond the control and knowledge of MAGCO INCORPORATED. For this and other reasons, MAGCO INCORPORATED does not assume responsibility and expressly disclaims any liability for loss, damage, injury or expense arising out of or in any way connected with the handling, storage or use or disposal of this product.

Follow all instructions found on package.

Larchmont Engineering

Lexington, MA 02420

MATERIAL SAFETY DATA SHEET

I. GENERAL INFORMATION

TRADE NAME (COMMON NAME OR SYNONYM): LarchMelt™

COMPOSITION:

LarchMelt™ is a blend of four ice melting chemicals.

Sodium Chloride	CAS Number 7647-14-5
Calcium Chloride	CAS Number 10043-52-4
Magnesium Chloride	CAS Number 7791-18-6
CMA	CAS Number 76123-46-1

II. MANUFACTURER NAME AND ADDRESS:

Larchmont Engineering
11 Larchmont Lane
Lexington, MA 02420

CONTACT:

PHONE NUMBER:

DATE ISSUED:

Quality Assurance

781-862-2550

September 1, 2008

III. HAZARDOUS IDENTIFICATION:

Appearance: White to off white crystals and flakes. Odorless. Colored Green.

Eye: Flakes may cause slight eye irritation. Dusts may cause severe eye irritation with corneal injury. Effects maybe slow to heal. When dissolving, the heat produced may cause more intense effects as well as thermal burns.

Skin: Short single exposure not likely to cause significant skin irritation. Prolonged or repeated exposure may cause skin irritation, even a burn. May cause more severe response if skin is damp or if material is confined to skin. May cause more severe response if skin if abraded. When dissolving, the heat produced may cause more intense effects as well as thermal burns. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.

Ingestion: Single dose oral toxicity is considered to be low. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury. Ingestion may cause gastrointestinal irritation or ulceration.

IV. FIRST AID

Eyes: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

Skin: Wash off in flowing water.

Ingestion: If swallowed, seek medical attention. Do not induce vomiting unless directed by medical personnel.

Inhalation: Remove to fresh air if effects occur. Consult physician.

V. FIRE AND EXPLOSION HAZARD DATA:

FLASH POINT:	Not Applicable
EXTINGUISHING MEDIA:	Not Applicable
SPECIAL FIRE-FIGHTING PROCEDURES/EQUIPMENT:	Not Applicable
UNUSUAL FIRE AND EXPLOSION HAZARDS:	None

Protective Equipment for Fire Fighters: Wear positive pressure self contained breathing apparatus (SCBA) and full protective fire fighting clothing (includes fire fighting helmet, coat, pants, boots, and gloves.)

VI. ACCIDENTAL RELEASE MEASURES

Protect People: Isolate area. Avoid contact with eyes and skin. May be a slipping hazard. Stop leak if it can be done safely. Wash exposed body areas thoroughly after handling. Use appropriate safety equipment.

Protect the Environment: For small spills: losses incidental to correct application of this product in its intended uses are not expected to be harmful to the environment.

For large spills: Avoid contamination of drinking water, natural water, ground water, or any waterway. Losses incidental to correct application of this product in its intended uses are not expected to be harmful to the environment.

Clean Up: For small spills: Contain spill if possible. Collect material in suitable and properly labeled containers. Flush residue with plenty of water.

For large spills: Dike and transfer to suitable and properly labeled containers. Flush residue with plenty of water.

VII. HANDLING AND STORAGE

Handling: Heat developed during diluting or dissolving is very high. Use cool water when dissolving or diluting.

Storage: Keep containers tightly closed when not in use. Store in a dry place. Protect from atmospheric moisture.

VIII. EXPOSURE CONTROLS PERSONAL PROTECTION

Eye/ Face protection: Use safety glasses . For dusty operations, wear chemical goggles.

Skin Protection: For brief contact, no precautions other than clean body-covering clothing should be needed. Use protective clothing impervious to this material and it's components. If hands are cut or scratched or sensitive to deicing chemicals, use gloves impervious to this material.

Respiratory Protection: In dusty applications or atmospheres, use an approved dust respirator.

IX. PHYSICAL AND CHEMICAL PROPERTIES

White to off white crystals and flakes. Odorless. Colored Green.

Stability: Stable. Hygroscopic.

X. OTHER IMPORTANT INFORMATION

Do not dump into sewers, on the ground, or into any body of water. Follow applications directions found on the package.

Incompatibility with other materials: Corrosive to some metals. Avoid contact with metals such as: brass, mild steel, aluminum, or any ferrous metal. Flammable hydrogen may be generated from contact with metals such as zinc or sodium. Avoid contact with sulfuric acid. Strong oxidizing agents will release chlorine.

Liberates Chlorine upon thermal decomposition.

For disposal of this material as a waste, act in accordance with all applicable local, state, and federal waste management regulations.

This product is not regulated by D.O.T. when shipped domestically by land.

To the best of our knowledge, this product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

OSHA Hazard Communication Standard: This product contains calcium chloride which has been categorized as a "Hazardous Chemical" due to the possibility of eye or skin irritation.

Consult MSDS sheets for sodium chloride, calcium chloride, and magnesium chloride for additional information.

Disclaimer: Larchmont believes that the information contained on this MSDS sheet to be accurate; however, the data and information are presented without any representation of warranty, expressed or implied, regarding the accuracy or correctness. Once this product leaves the property of Larchmont, the conditions or methods of handling, storage, use and disposal are beyond the control and knowledge of Larchmont. For this and other reasons, Larchmont does not assume responsibility and expressly disclaims any liability for loss, damage, injury or expense arising out of or in any way connected with the handling, storage or use or disposal of this product.

Follow all instructions found on package.



MATERIAL SAFETY DATA SHEET Page 1 of 3

MAGCO INCORPORATED 888.405.0047 f 570.587.3550 www.magcosalt.com
600 South State Street Clarks Summit, PA 18411

Professional Grade Solar Salt (Blue Bag)

I. GENERAL INFORMATION

TRADE NAME (COMMON NAME OR SYNONYM):

Professional Grade Solar Salt (blue bag) for Water Softeners

CHEMICAL NAME: Sodium Chloride
C.A.S. NO.: 7647-14-5
FORMULA: NaCl
MOLECULAR WEIGHT: 58.44

II. MANUFACTURER NAME AND ADDRESS

CONTACT: MAGCO INCORPORATED
600 South State Street
Clarks Summit, PA 18411
Quality Assurance

PHONE NUMBER: 570-586-2338

DATE ISSUED: June 1, 1999

III. HAZARDOUS INGREDIENTS/ IDENTITY INFORMATION

HAZARDOUS COMPONENTS: None

This product is not regulated under:

- OSHA Hazard Communication Standard 29 CFR 1910.1200
- SARA Title III

IV. PHYSICAL/ CHEMICAL CHARACTERISTICS

BOILING POINT (760 MM Hg) (°C): 1465
VAPOR PRESSURE (mm Hg/747 °C): Å2.4
VAPOR DENSITY (Air = 1): NA
SOLUBILITY IN WATER (g/cc, %): 26.4
SPECIFIC GRAVITY (H2O =1): 2.165
MELTING POINT: (°C): 800.4
EVAPORATION RATE (Butyl Acetate = 1): NA
APPEARANCE AND ODOR: White crystalline solid. No odor.

V. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Not Applicable
EXTINGUISHING MEDIA: Not Applicable
SPECIAL FIREFIGHTING PROCEDURES/EQUIPMENT: Not Applicable
UNUSUAL FIRE AND EXPLOSION HAZARDS: None



VI. REACTIVITY DATA

STABILITY: (X) Stable, () Unstable

CONDITIONS TO AVOID: Contact with strong acids

INCOMPATIBILITY (Materials to Avoid): Becomes corrosive to unprotected metals when wet.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: May produce chlorine gas when in contact with strong acids.

HAZARDOUS POLYMERIZATION: () May occur, (X) Will Not Occur

CONDITIONS TO AVOID: Not Applicable

VII. HEALTH HAZARD DATA

ROUTES OF ENTRY:

INHALATION: May cause mild irritation of nose and throat.

SKIN: Dust may cause mild irritation.

INGESTION: Ingestion of large amounts may cause gastrointestinal upset.

HEALTH HAZARDS (ACUTE AND CHRONIC): Ingestion of large amounts (greater than 0.1 pound) can cause gastrointestinal upset and irritation of the stomach.

No applicable information found for chronic systemic effects.

CARCINOGENICITY:

NTP: Not listed as a carcinogen or mutagen.

IARC MONOGRAPHS: Not listed as a carcinogen or mutagen.

OSHA Regulated: Not listed as a carcinogen or mutagen.

SIGNS AND SYMPTOMS OF EXPOSURE:

INHALATION: Slight irritation of the nose, sneezing

SKIN CONTACT: Irritation, inflammation

INGESTION: Nausea, vomiting

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

In some cases of confirmed hypertension, ingestion may result in elevated blood pressure.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: If person breathes large quantities, remove to fresh air immediately.

If breathing stops, apply artificial respiration immediately.

SKIN CONTACT: Remove clothing from affected area. Wash skin thoroughly. Rinse carefully.

EYE CONTACT: Flush with water immediately, lifting eyelids occasionally.

INGESTION: Less than a few grams would not be harmful. For larger quantities, drink large amounts of water or milk.

EMERGENCY PHONE NUMBER: 570-586-2338

Professional Grade Solar Salt (White)



Professional Grade Solar Salt (Kalis bag) for Water Softeners

VIII. PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain spills to prevent contamination of water supply or sanitary sewer system. Vacuum or sweep into container for proper disposal.

WASTE DISPOSAL METHOD: For disposal of this material as a waste, act in accordance with all applicable federal, state, and local waste management regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid humid or wet conditions as product may cake and become hard.

OTHER PRECAUTIONS: None

IX. CONTROL MEASURES

RESPIRATORY PROTECTION:

NIOSH/MSHA approved regulator for particulates.

VENTILATION:

LOCAL EXHAUST: Ventilate as required to maintain airborne particulates below occupational exposure limits.

MECHANICAL: Dust collection equipment may be employed.

SPECIAL/OTHER: Not applicable.

PERSONAL PROTECTIVE EQUIPMENT:

Protective Gloves: Normal work gloves are adequate.

Eye Protection: Eyeglasses or goggles should be worn in dusty areas.

Other protective clothing or equipment: Protective clothing may be worn in dusty areas, but is usually not required.

Work/Hygiene practices: Warm water showering and hand washing are suggested after working in extremely dusty areas.

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Follow all instructions found on package.



MATERIAL SAFETY DATA SHEET Page 1 of 4

MAGCO INCORPORATED 888.405.0047 f 570.587.3550 www.magcosalt.com
600 South State Street Clarks Summit, PA 18411

I. GENERAL INFORMATION

TRADE NAME (COMMON NAME OR SYNONYM):

Monster Melt® Premium Ice Melt

COMPOSITION:

Monster Melt® Premium Ice Melt is a blend of five ice melting chemicals.

Sodium Chloride	CAS Number 7647-14-5
Potassium Chloride	CAS Number 7447-40-7
Calcium Chloride	CAS Number 10043-52-4
Magnesium Chloride	CAS Number 7791-18-6
CMA	CAS Number 76123-46-1

II. MANUFACTURER NAME AND ADDRESS

CONTACT: MAGCO INCORPORATED

600 South State Street
Clarks Summit, PA 18411
Quality Assurance

PHONE NUMBER: 570-586-2338

DATE ISSUED: April 20, 2006

III. HAZARDOUS IDENTIFICATION

Appearance: Green-colored crystals, pellets and flakes. Odorless.

Eye: Flakes may cause slight eye irritation. Dust may cause severe eye irritation with corneal injury. Effects may be slow to heal. When dissolving, the heat produced may cause more intense effects as well as thermal burns.

Skin: Short single exposure not likely to cause significant skin irritation. Prolonged or repeated exposure may cause skin irritation, even a burn. May cause more severe response if skin is damp or if material is confined to skin. May cause more severe response if skin is abraded. When dissolving, the heat produced may cause more intense effects as well as thermal burns. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.

Ingestion: Single dose oral toxicity is considered to be low. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury. Ingestion may cause gastrointestinal irritation or ulceration.

IV. FIRST AID

Eyes: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.



Skin: Wash off in flowing water.

Ingestion: If swallowed, seek medical attention. Do not induce vomiting unless directed by medical personnel.

Inhalation: Remove to fresh air if effects occur. Consult physician.

V. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Not Applicable

EXTINGUISHING MEDIA: Not Applicable

SPECIAL FIREFIGHTING PROCEDURES/EQUIPMENT: Not Applicable

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

Protective Equipment for Firefighters: Wear positive pressure, self-contained breathing apparatus (SCBA) and full protective firefighting clothing (includes firefighting helmet, coat, pants, boots and gloves.)

VI. ACCIDENTAL RELEASE MEASURES

Protect People:

Isolate area. Avoid contact with eyes and skin. May be a slipping hazard. Stop leak if it can be done safely. Wash exposed body areas thoroughly after handling. Use appropriate safety equipment.

Protect the Environment:

For small spills: Losses incidental to correct application of this product in its intended uses are not expected to be harmful to the environment.

For large spills: Avoid contamination of drinking water, natural water, ground water or any waterway. Losses incidental to correct application of this product in its intended uses are not expected to be harmful to the environment.

Clean-Up:

For small spills: Contain spill if possible. Collect material in suitable and properly labeled containers. Flush residue with plenty of water.

For large spills: Dike and transfer to suitable and properly labeled containers. Flush residue with plenty of water.

VII. HANDLING AND STORAGE

Handling: Heat developed during diluting or dissolving is very high. Use cool water when dissolving or diluting.

Storage: Keep containers tightly closed when not in use. Store in a dry place. Protect from atmospheric moisture.



Monster Cells Premium Ice Melt

VIII. EXPOSURE CONTROLS PERSONAL PROTECTION

Eye/Face Protection: Use safety glasses. For dusty operations, wear chemical goggles.

Skin Protection: For brief contact, no precautions other than clean, body-covering clothing should be needed. Use protective clothing impervious to this material and its components. If hands are cut or scratched or sensitive to deicing chemicals, use gloves impervious to this material.

Respiratory Protection: In dusty applications or atmospheres, use an approved dust respirator.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Green-colored crystals, pellets and flakes. Odorless.

Stability: Stable. Hygroscopic.

X. OTHER IMPORTANT INFORMATION

Do not dump into sewers, on the ground or into any body of water. Follow application directions found on the package.

Incompatibility with other materials: Corrosive to some metals. Avoid contact with metals such as: Brass, mild steel, aluminum or any ferrous metal. Flammable hydrogen may be generated from contact with metals such as zinc or sodium. Avoid contact with sulfuric acid. Strong oxidizing agents will release chlorine.

Liberates chlorine upon thermal decomposition.

For disposal of this material as a waste, act in accordance with all applicable local, state and federal waste management regulations.

This product is not regulated by D.O.T. when shipped domestically by land.

To the best of our knowledge, this product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

OSHA Hazard Communication Standard: This product contains calcium chloride which has been categorized as a "Hazardous Chemical" due to the possibility of eye or skin irritation.

Consult MSDS sheets for sodium chloride, calcium chloride, magnesium chloride, potassium chloride and CMA (calcium magnesium acetate) for additional information.



MAGCO INCORPORATED 888.405.0047 f 570.587.3550 www.magcosalt.com
600 South State Street Clarks Summit, PA 18411

I. GENERAL INFORMATION

TRADE NAME (COMMON NAME OR SYNONYM):

Merlin Melts Like Magic™ Premium Ice Melt

COMPOSITION:

Merlin Melts Like Magic™ Premium Ice Melt is a blend of four ice melting chemicals.

Sodium Chloride	CAS Number 7647-14-5
Urea	CAS Number 0057-13-6
Potassium Chloride	CAS Number 7447-40-7
CMA	CAS Number 76123-46-1

II. MANUFACTURER NAME AND ADDRESS

CONTACT: MAGCO INCORPORATED

600 South State Street
Clarks Summit, PA 18411
Quality Assurance

PHONE NUMBER: 570-586-2338

DATE ISSUED: July 1, 2008

III. HAZARDOUS IDENTIFICATION

Appearance: Purple-colored crystals. Odorless.

Eye: Flakes may cause slight eye irritation. Dust may cause severe eye irritation with corneal injury. Effects may be slow to heal. When dissolving, the heat produced may cause more intense effects as well as thermal burns.

Skin: Short single exposure not likely to cause significant skin irritation. Prolonged or repeated exposure may cause skin irritation, even a burn. May cause more severe response if skin is damp or if material is confined to skin. May cause more severe response if skin is abraded. When dissolving, the heat produced may cause more intense effects as well as thermal burns. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.

Ingestion: Single dose oral toxicity is considered to be low. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury. Ingestion may cause gastrointestinal irritation or ulceration.

IV. FIRST AID

Eyes: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.



Material Melts Like Wax From Sun Line Melts

Skin: Wash off in flowing water.

Ingestion: If swallowed, seek medical attention. Do not induce vomiting unless directed by medical personnel.

Inhalation: Remove to fresh air if effects occur. Consult physician.

V. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Not Applicable

EXTINGUISHING MEDIA: Not Applicable

SPECIAL FIREFIGHTING PROCEDURES/EQUIPMENT: Not Applicable

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

Protective Equipment for Firefighters: Wear positive pressure, self-contained breathing apparatus (SCBA) and full protective firefighting clothing (includes firefighting helmet, coat, pants, boots and gloves.)

VI. ACCIDENTAL RELEASE MEASURES

Protect People:

Isolate area. Avoid contact with eyes and skin. May be a slipping hazard. Stop leak if it can be done safely. Wash exposed body areas thoroughly after handling. Use appropriate safety equipment.

Protect the Environment:

For small spills: Losses incidental to correct application of this product in its intended uses are not expected to be harmful to the environment.

For large spills: Avoid contamination of drinking water, natural water, ground water or any waterway. Losses incidental to correct application of this product in its intended uses are not expected to be harmful to the environment.

Clean-Up:

For small spills: Contain spill if possible. Collect material in suitable and properly labeled containers. Flush residue with plenty of water.

For large spills: Dike and transfer to suitable and properly labeled containers. Flush residue with plenty of water.

VII. HANDLING AND STORAGE

Handling: Heat developed during diluting or dissolving is very high. Use cool water when dissolving or diluting.

Storage: Keep containers tightly closed when not in use. Store in a dry place. Protect from atmospheric moisture.



Martin Melts Like Magic! Even thru Ice Mat!

VIII. EXPOSURE CONTROLS PERSONAL PROTECTION

Eye/Face Protection: Use safety glasses. For dusty operations, wear chemical goggles.

Skin Protection: For brief contact, no precautions other than clean, body-covering clothing should be needed. Use protective clothing impervious to this material and its components. If hands are cut or scratched or sensitive to deicing chemicals, use gloves impervious to this material.

Respiratory Protection: In dusty applications or atmospheres, use an approved dust respirator.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Purple-colored crystals. Odorless.

Stability: Stable. Hygroscopic.

X. OTHER IMPORTANT INFORMATION

Do not dump into sewers, on the ground or into any body of water. Follow application directions found on the package.

Incompatibility with other materials: Corrosive to some metals. Avoid contact with metals such as: brass, mild steel, aluminum or any ferrous metal. Flammable hydrogen may be generated from contact with metals such as zinc or sodium. Avoid contact with sulfuric acid. Strong oxidizing agents will release chlorine.

Liberates chlorine upon thermal decomposition.

For disposal of this material as a waste, act in accordance with all applicable local, state and federal waste management regulations.

This product is not regulated by D.O.T. when shipped domestically by land.

To the best of our knowledge, this product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

Consult MSDS sheets for sodium chloride, urea, potassium chloride and CMA (calcium magnesium acetate) for additional information.



Martin Marietta Chemicals, Inc. 10000 W. 16th Ave. Denver, CO 80202

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Follow all instructions found on package.



MAGCO INCORPORATED 888.405.0047 f 570.587.3550 www.magcosalt.com
600 South State Street Clarks Summit, PA 18411

I. GENERAL INFORMATION

TRADE NAME (COMMON NAME OR SYNONYM):

Mr. Magic® Premium Ice Melt

COMPOSITION:

Mr. Magic® Premium Ice Melt is a blend of five ice melting chemicals.

Sodium Chloride	CAS Number 7647-14-5
Potassium Chloride	CAS Number 7447-40-7
Calcium Chloride	CAS Number 10043-52-4
Magnesium Chloride	CAS Number 7791-18-6
CMA	CAS Number 76123-46-1

II. MANUFACTURER NAME AND ADDRESS

CONTACT: MAGCO INCORPORATED

600 South State Street
Clarks Summit, PA 18411
Quality Assurance

PHONE NUMBER: 570-586-2338

DATE ISSUED: April 20, 2006

III. HAZARDOUS IDENTIFICATION

Appearance: White to off-white, orange-colored crystals and flakes. Odorless.

Eye: Flakes may cause slight eye irritation. Dust may cause severe eye irritation with corneal injury. Effects may be slow to heal. When dissolving, the heat produced may cause more intense effects as well as thermal burns.

Skin: Short single exposure not likely to cause significant skin irritation. Prolonged or repeated exposure may cause skin irritation, even a burn. May cause more severe response if skin is damp or if material is confined to skin. May cause more severe response if skin is abraded. When dissolving, the heat produced may cause more intense effects as well as thermal burns. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.

Ingestion: Single dose oral toxicity is considered to be low. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury. Ingestion may cause gastrointestinal irritation or ulceration.

IV. FIRST AID

Eyes: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.



Skin: Wash off in flowing water.

Ingestion: If swallowed, seek medical attention. Do not induce vomiting unless directed by medical personnel.

Inhalation: Remove to fresh air if effects occur. Consult physician.

V. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Not Applicable

EXTINGUISHING MEDIA: Not Applicable

SPECIAL FIREFIGHTING PROCEDURES/EQUIPMENT: Not Applicable

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

Protective Equipment for Firefighters: Wear positive pressure, self-contained breathing apparatus (SCBA) and full protective firefighting clothing (includes firefighting helmet, coat, pants, boots and gloves.)

VI. ACCIDENTAL RELEASE MEASURES

Protect People:

Isolate area. Avoid contact with eyes and skin. May be a slipping hazard. Stop leak if it can be done safely. Wash exposed body areas thoroughly after handling. Use appropriate safety equipment.

Protect the Environment:

For small spills: Losses incidental to correct application of this product in its intended uses are not expected to be harmful to the environment.

For large spills: Avoid contamination of drinking water, natural water, ground water or any waterway. Losses incidental to correct application of this product in its intended uses are not expected to be harmful to the environment.

Clean-Up:

For small spills: Contain spill if possible. Collect material in suitable and properly labeled containers. Flush residue with plenty of water.

For large spills: Dike and transfer to suitable and properly labeled containers. Flush residue with plenty of water.

VII. HANDLING AND STORAGE

Handling: Heat developed during diluting or dissolving is very high. Use cool water when dissolving or diluting.

Storage: Keep containers tightly closed when not in use. Store in a dry place. Protect from atmospheric moisture.



MAGCO INCORPORATED 888.405.0047 f 570.587.3550 www.magcosalt.com
600 South State Street Clarks Summit, PA 18411

Agricultural Grade Feed Mixing Salt

I. GENERAL INFORMATION

TRADE NAME (COMMON NAME OR SYNONYM):

Agricultural Grade Feed Mixing Salt

CHEMICAL NAME: Sodium Chloride
C.A.S. NO.: 7647-14-5
FORMULA: NaCl
MOLECULAR WEIGHT: 58.44

II. MANUFACTURER NAME AND ADDRESS

CONTACT: MAGCO INCORPORATED
600 South State Street
Clarks Summit, PA 18411
Quality Assurance

PHONE NUMBER: 570-586-2338

DATE ISSUED: June 1, 1999

III. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS: None

This product is not regulated under:

- OSHA Hazard Communication Standard 29 CFR 1910.1200
- SARA Title III

IV. PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT (760 MM Hg) (°C):	1465
VAPOR PRESSURE (mm Hg/ 747°C):	2.4
VAPOR DENSITY (Air = 1):	NA
SOLUBILITY IN WATER (g/cc, %):	26.4
SPECIFIC GRAVITY (H2O =1):	2.165
MELTING POINT: (°C):	800.4
EVAPORATION RATE (Butyl Acetate = 1):	NA
APPEARANCE AND ODOR:	White crystalline solid. No odor.

V. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Not Applicable
EXTINGUISHING MEDIA: Not Applicable
SPECIAL FIREFIGHTING PROCEDURES/EQUIPMENT: Not Applicable
UNUSUAL FIRE AND EXPLOSION HAZARDS: None



Agricultural Grade

VI. REACTIVITY DATA

STABILITY: (X) Stable, () Unstable

CONDITIONS TO AVOID: Contact with strong acids

INCOMPATIBILITY: (Materials to Avoid): Becomes corrosive to unprotected metals when wet.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: May evolve chlorine gas when in contact with strong acids.

HAZARDOUS POLYMERIZATION: () May occur, (X) Will Not Occur

CONDITIONS TO AVOID: Not Applicable

VII. HEALTH HAZARD DATA

ROUTES OF ENTRY:

INHALATION: May cause mild irritation of nose and throat.

SKIN: Dust may cause mild irritation.

INGESTION: Ingestion of large amounts may cause gastrointestinal upset.

HEALTH HAZARDS (ACUTE AND CHRONIC): Ingestion of large amounts (greater than 0.1 pound) can cause gastrointestinal upset and irritation of the stomach.

No applicable information found for chronic systemic effects.

CARCINOGENICITY:

NTP: Not listed as a carcinogen or mutagen.

IARC MONOGRAPHS: Not listed as a carcinogen or mutagen.

OSHA Regulated: Not listed as a carcinogen or mutagen.

SIGNS AND SYMPTOMS OF EXPOSURE:

INHALATION: Slight irritation of the nose, sneezing

SKIN CONTACT: Irritation, inflammation

INGESTION: Nausea, vomiting

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

In some cases of confirmed hypertension, ingestion may result in elevated blood pressure.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: If person breathes large quantities, remove to fresh air immediately. If breathing stops, apply artificial respiration immediately.

SKIN CONTACT: Remove clothing from affected area. Wash skin thoroughly. Rinse carefully.

For eye contact, flush with water immediately, lifting eyelids occasionally.

INGESTION: Less than a few grams would not be harmful. For larger quantities, drink large amounts of water or milk.

EMERGENCY PHONE NUMBER: 570-586-2338

VIII. PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain spills to prevent contamination of water supply or sanitary sewer system. Vacuum or sweep into container for proper disposal.

WASTE DISPOSAL METHOD: For disposal of this material as a waste, act in accordance with all applicable federal, state and local waste management regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid humid or wet conditions as product may cake and become hard.

OTHER PRECAUTIONS: None

IX. CONTROL MEASURES

RESPIRATORY PROTECTION:

NIOSH/MSHA approved regulator for particulates.

VENTILATION:

LOCAL EXHAUST: Ventilate as required to maintain airborne particulates below occupational exposure limits.

MECHANICAL: Dust collection equipment may be employed.

SPECIAL/OTHER: Not applicable.

PERSONAL PROTECTIVE EQUIPMENT:

Protective Gloves: Normal work gloves are adequate.

Eye Protection: Eyeglasses or goggles should be worn in dusty areas.

Other protective clothing or equipment: Protective clothing may be worn in dusty areas, but is usually not required.

Work/Hygiene practices: Warm water showering and hand washing are suggested after working in extremely dusty areas.

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MATERIAL SAFETY DATA SHEET Page 1 of 4

MAGCO INCORPORATED 888.405.0047 f 570.587.3550 www.magcosalt.com
600 South State Street Clarks Summit, PA 18411

I. GENERAL INFORMATION

TRADE NAME (COMMON NAME OR SYNONYM):

EarthGuard™ All Natural Ice Melter

COMPOSITION:

EarthGuard™ Premium Ice Melter is a blend of the following ice melting chemicals.

Sea Salt CAS Number 7647-14-5

Potassium Chloride CAS Number 7447-40-7

Urea CAS Number 0057-13-6

II. MANUFACTURER NAME AND ADDRESS

CONTACT: MAGCO INCORPORATED

600 South State Street

Clarks Summit, PA 18411

Quality Assurance

PHONE NUMBER: 570-586-2338

DATE ISSUED: April 20, 2008

III. HAZARDOUS IDENTIFICATION

Appearance: White to off-white crystals. Odorless. Colored Green.

Eye: May cause slight eye irritation. Dust may cause severe eye irritation with corneal injury. Effects may be slow to heal.

Skin: Short single exposure not likely to cause significant skin irritation. Prolonged or repeated exposure may cause skin irritation. May cause more severe response if skin is abraded.

Ingestion: Single dose oral toxicity is considered to be low. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury. Ingestion may cause gastrointestinal irritation or ulceration.

IV. FIRST AID

Eyes: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

Skin: Wash off in flowing water.

Ingestion: If swallowed, seek medical attention. Do not induce vomiting unless directed by medical personnel.



Environment: Non-Hazardous

Inhalation: Remove to fresh air if effects occur. Consult physician.

V. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Not Applicable

EXTINGUISHING MEDIA: Not Applicable

SPECIAL FIREFIGHTING PROCEDURES/EQUIPMENT: Not Applicable

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

Protective Equipment for Firefighters: Wear positive pressure, self-contained breathing apparatus (SCBA) and full protective firefighting clothing (includes firefighting helmet, coat, pants, boots and gloves.)

VI. ACCIDENTAL RELEASE MEASURES

Protect People:

Isolate area. Avoid contact with eyes and skin. May be a slipping hazard. Stop leak if it can be done safely. Wash exposed body areas thoroughly after handling. Use appropriate safety equipment.

Protect the Environment:

For small spills: Losses incidental to correct application of this product in its intended uses are not expected to be harmful to the environment.

For large spills: Avoid contamination of drinking water, natural water, ground water or any waterway. Losses incidental to correct application of this product in its intended uses are not expected to be harmful to the environment.

Clean-Up:

For small spills: Contain spill if possible. Collect material in suitable and properly labeled containers. Flush residue with plenty of water.

For large spills: Dike and transfer to suitable and properly labeled containers. Flush residue with plenty of water.

VII. HANDLING AND STORAGE

Handling: Use cool water when dissolving or diluting.

Storage: Keep containers tightly closed when not in use. Store in a dry place. Protect from atmospheric moisture.

VIII. EXPOSURE CONTROLS PERSONAL PROTECTION

Eye/Face Protection: Use safety glasses. For dusty operations, wear chemical goggles.

Skin Protection: For brief contact, no precautions other than clean, body-covering clothing should be needed. Use protective clothing impervious to this material and its components. If hands are cut or scratched or sensitive to deicing chemicals, use gloves impervious to this material.



Respirator - A National Fire Meter

Respiratory Protection: In dusty applications or atmospheres, use an approved dust respirator.

IX. PHYSICAL AND CHEMICAL PROPERTIES

White to off-white crystals. Odorless. Colored Green.

Stability: Stable. Hygroscopic.

X. OTHER IMPORTANT INFORMATION

Do not dump into sewers, on the ground or into any body of water. Follow application directions found on the package.

Incompatibility with other materials: corrosive to some metals. Avoid contact with metals such as: brass, mild steel, aluminum or any ferrous metal. Flammable hydrogen may be generated from contact with metals such as zinc or sodium. Avoid contact with sulfuric acid. Strong oxidizing agents will release chlorine.

Liberates chlorine upon thermal decomposition.

For disposal of this material as a waste, act in accordance with all applicable local, state and federal waste management regulations.

This product is not regulated by D.O.T. when shipped domestically by land.

To the best of our knowledge, this product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

Consult MSDS sheets for sodium chloride, potassium chloride and urea for additional information.



Magco Industrial Sales, Inc. 10000 W. 10th Ave. Denver, CO 80202

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MATERIAL SAFETY DATA SHEET Page 1 of 3

MAGCO INCORPORATED 888.405.0047 f 570.587.3550 www.magcosalt.com
600 South State Street Clarks Summit, PA 18411

Halite Rock Salt

I. GENERAL INFORMATION

TRADE NAME (COMMON NAME OR SYNONYM):

Halite Rock Salt

CHEMICAL NAME: Sodium Chloride
CAS NUMBER: 7647-14-5
FORMULA: NaCl
MOLECULAR WEIGHT: 58.44

II. MANUFACTURER NAME AND ADDRESS

CONTACT: MAGCO INCORPORATED
600 South State Street
Clarks Summit, PA 18411
Quality Assurance

PHONE NUMBER: 570-586-2338

DATE ISSUED: July 1, 2005

III. HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS: None

This product is not regulated under:

- OSHA Hazard Communication Standard 29 CFR 1910.1200
- SARA Title III

IV. PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT (760 MM Hg) (°C): 1465
VAPOR PRESSURE (mm Hg/ 747 °C): 2.4
VAPOR DENSITY (Air = 1): NA
SOLUBILITY IN WATER (g/ cc, %): 26.4
SPECIFIC GRAVITY (H₂O =1): 2.165
MELTING POINT: (°C): 800.4
EVAPORATION RATE (Butyl Acetate = 1): NA
APPEARANCE AND ODOR: White crystalline solid. No odor.

V. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Not Applicable

EXTINGUISHING MEDIA: Not Applicable

SPECIAL FIRE FIGHTING PROCEDURES/EQUIPMENT: Not Applicable

UNUSUAL FIRE AND EXPLOSION HAZARDS: None



Multi Rock Salt

VI. REACTIVITY DATA

STABILITY: (X) Stable, () Unstable

CONDITIONS TO AVOID: Contact with strong acids

INCOMPATIBILITY (Materials to Avoid): Becomes corrosive to unprotected metals when wet.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: May evolve chlorine gas when in contact with strong acids.

HAZARDOUS POLYMERIZATION: () May occur, (X) Will Not Occur

CONDITIONS TO AVOID: Not Applicable

VII. HEALTH HAZARD DATA

ROUTES OF ENTRY:

INHALATION: May cause mild irritation of nose and throat.

SKIN: Dust may cause mild irritation.

INGESTION: Ingestion of large amounts may cause gastrointestinal upset.

HEALTH HAZARDS (ACUTE AND CHRONIC): Ingestion of large amounts (greater than 0.1 pound) can cause gastrointestinal upset and irritation of the stomach.

No applicable information found for chronic systemic effects.

CARCINOGENICITY:

NTP: Not listed as a carcinogen or mutagen.

IARC MONOGRAPHS: Not listed as a carcinogen or mutagen.

OSHA Regulated: Not listed as a carcinogen or mutagen.

SIGNS AND SYMPTOMS OF EXPOSURE:

INHALATION: Slight irritation of the nose, sneezing

SKIN CONTACT: Irritation, inflammation

INGESTION: Nausea, vomiting

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

In some cases of confirmed hypertension, ingestion may result in elevated blood pressure.

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: If person breathes large quantities, remove to fresh air immediately. If breathing stops, apply artificial respiration immediately.

SKIN CONTACT: Remove clothing from affected area. Wash skin thoroughly. Rinse carefully.

EYE CONTACT: Flush with water immediately, lifting eyelids occasionally.

INGESTION: Less than a few grams would not be harmful. For larger quantities, drink large amounts of water or milk.

EMERGENCY PHONE NUMBER: 570-586-2338



Material Safety

VIII. PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Contain spills to prevent contamination of water supply or sanitary sewer system. Vacuum or sweep into container for proper disposal.

WASTE DISPOSAL METHOD: For disposal of this material as a waste, act in accordance with all applicable federal, state and local waste management regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid humid or wet conditions as product may cake and become hard.

OTHER PRECAUTIONS: None

IX. CONTROL MEASURES

RESPIRATORY PROTECTION:

NIOSH/MSHA approved regulator for particulates.

VENTILATION:

LOCAL EXHAUST: Ventilate as required to maintain airborne particulates below occupational exposure limits.

MECHANICAL: Dust collection equipment may be employed.

SPECIAL/OTHER: Not applicable.

PERSONAL PROTECTIVE EQUIPMENT:

Protective Gloves: Normal work gloves are adequate.

Eye Protection: Eyeglasses or goggles should be worn in dusty areas.

Other protective clothing or equipment: Protective clothing may be worn in dusty areas, but is usually not required.

Work/Hygiene practices: Warm water showering and hand washing are suggested after working in extremely dusty areas.

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Follow all instructions found on package.



MAGCO INCORPORATED 888.405.0047 f 570.587.3550 www.magcosalt.com
600 South State Street Clarks Summit, PA 18411

I. GENERAL INFORMATION

TRADE NAME (COMMON NAME OR SYNONYM):

Safer Than Salt® Premium Ice Melter with CI-56™ a Corrosion Inhibitor

COMPOSITION:

Safer than Salt® Premium Ice Melter with CI-56™ is a blend of the following ice melting chemicals.

Sodium Chloride	CAS Number 7647-14-5
Calcium Chloride	CAS Number 10043-52-4
Magnesium Chloride	CAS Number 7791-18-6
CMA	CAS Number 76123-46-1

II. MANUFACTURER NAME AND ADDRESS

CONTACT: MAGCO INCORPORATED

600 South State Street
Clarks Summit, PA 18411
Quality Assurance

PHONE NUMBER: 570-586-2338

DATE ISSUED: July 1, 2005

III. HAZARDOUS IDENTIFICATION

Appearance: Green-colored crystals with pellets and flakes. Odorless.

Eye: Flakes may cause slight eye irritation. Dust may cause severe eye irritation with corneal injury. Effects may be slow to heal. When dissolving, the heat produced may cause more intense effects as well as thermal burns.

Skin: Short single exposure not likely to cause significant skin irritation. Prolonged or repeated exposure may cause skin irritation, even a burn. May cause more severe response if skin is damp or if material is confined to skin. May cause more severe response if skin is abraded. When dissolving, the heat produced may cause more intense effects as well as thermal burns. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.

Ingestion: Single dose oral toxicity is considered to be low. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury. Ingestion may cause gastrointestinal irritation or ulceration.

IV. FIRST AID

Eyes: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.

Safer than Salt® Premium Ice Melter with CI-56™ a Corrosion Inhibitor



Safer than Safe Premium Ice Meltter with Chlorides for Inhibitor

Skin: Wash off in flowing water.

Ingestion: If swallowed, seek medical attention. Do not induce vomiting unless directed by medical personnel.

Inhalation: Remove to fresh air if effects occur. Consult physician.

V. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Not Applicable

EXTINGUISHING MEDIA: Not Applicable

SPECIAL FIREFIGHTING PROCEDURES/EQUIPMENT: Not Applicable

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

Protective Equipment for Firefighters: Wear positive pressure, self-contained breathing apparatus (SCBA) and full protective firefighting clothing (includes firefighting helmet, coat, pants, boots and gloves.)

VI. ACCIDENTAL RELEASE MEASURES

Protect People:

Isolate area. Avoid contact with eyes and skin. May be a slipping hazard. Stop leak if it can be done safely. Wash exposed body areas thoroughly after handling. Use appropriate safety equipment.

Protect the Environment:

For small spills: Losses incidental to correct application of this product in its intended uses are not expected to be harmful to the environment.

For large spills: Avoid contamination of drinking water, natural water, ground water or any waterway. Losses incidental to correct application of this product in its intended uses are not expected to be harmful to the environment.

Clean-Up:

For small spills: Contain spill if possible. Collect material in suitable and properly labeled containers. Flush residue with plenty of water.

For large spills: Dike and transfer to suitable and properly labeled containers. Flush residue with plenty of water.

VII. HANDLING AND STORAGE

Handling: Heat developed during diluting or dissolving is very high. Use cool water when dissolving or diluting.

Storage: Keep containers tightly closed when not in use. Store in a dry place. Protect from atmospheric moisture.



Safer than Safe® Premium Ice Melt with Calcium Chloride Corrosion Inhibitor

VIII. EXPOSURE CONTROLS PERSONAL PROTECTION

Eye/Face Protection: Use safety glasses. For dusty operations, wear chemical goggles.

Skin Protection: For brief contact, no precautions other than clean, body-covering clothing should be needed. Use protective clothing impervious to this material and its components. If hands are cut or scratched or sensitive to deicing chemicals, use gloves impervious to this material.

Respiratory Protection: In dusty applications or atmospheres, use an approved dust respirator.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Green-colored crystals with pellets and flakes. Odorless.

Stability: Stable. Hygroscopic.

X. OTHER IMPORTANT INFORMATION

Do not dump into sewers, on the ground or into any body of water. Follow application directions found on the package.

Incompatibility with other materials: Corrosive to some metals. Avoid contact with metals such as: Brass, mild steel, aluminum or any ferrous metal. Flammable hydrogen may be generated from contact with metals such as zinc or sodium. Avoid contact with sulfuric acid. Strong oxidizing agents will release chlorine.

Liberates chlorine upon thermal decomposition.

For disposal of this material as a waste, act in accordance with all applicable local, state and federal waste management regulations.

This product is not regulated by D.O.T. when shipped domestically by land.

To the best of our knowledge, this product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

OSHA Hazard Communication Standard: This product contains calcium chloride which has been categorized as a "Hazardous Chemical" due to the possibility of eye or skin irritation.

Consult MSDS sheets for sodium chloride, calcium chloride, magnesium chloride and CMA (calcium magnesium acetate) for additional information.



Safer than Salt® Premium Ice Melter with Urea
Safer than Salt® Premium Ice Melter with Urea

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MATERIAL SAFETY DATA SHEET Page 1 of 4

MAGCO INCORPORATED 888.405.0047 f 570.587.3550 www.magcosalt.com
600 South State Street Clarks Summit, PA 18411

Safer than Salt® Premium Performance Ice Melter

I. GENERAL INFORMATION

TRADE NAME (COMMON NAME OR SYNONYM):

Safer Than Salt® Premium Performance Ice Melter

COMPOSITION:

Safer than Salt® Premium Ice Melter is a blend of the following ice melting chemicals.

Sodium Chloride CAS Number 7647-14-5
Calcium Chloride CAS Number 10043-52-4
Magnesium Chloride CAS Number 7791-18-6

II. MANUFACTURER NAME AND ADDRESS

CONTACT: MAGCO INCORPORATED

600 South State Street
Clarks Summit, PA 18411
Quality Assurance

PHONE NUMBER: 570-586-2338

DATE ISSUED: July 1, 2005

III. HAZARDOUS IDENTIFICATION

Appearance: Blue-colored crystals with pellets and flakes. Odorless.

Eye: Flakes may cause slight eye irritation. Dust may cause severe eye irritation with corneal injury. Effects may be slow to heal. When dissolving, the heat produced may cause more intense effects as well as thermal burns.

Skin: Short single exposure not likely to cause significant skin irritation. Prolonged or repeated exposure may cause skin irritation, even a burn. May cause more severe response if skin is damp or if material is confined to skin. May cause more severe response if skin is abraded. When dissolving, the heat produced may cause more intense effects as well as thermal burns. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.

Ingestion: Single dose oral toxicity is considered to be low. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury. Ingestion may cause gastrointestinal irritation or ulceration.

IV. FIRST AID

Eyes: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.



Skin: Wash off in flowing water.

Ingestion: If swallowed, seek medical attention. Do not induce vomiting unless directed by medical personnel.

Inhalation: Remove to fresh air if effects occur. Consult physician.

V. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Not Applicable

EXTINGUISHING MEDIA: Not Applicable

SPECIAL FIREFIGHTING PROCEDURES/EQUIPMENT: Not Applicable

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

Protective Equipment for Firefighters: Wear positive pressure, self-contained breathing apparatus (SCBA) and full protective firefighting clothing (includes firefighting helmet, coat, pants, boots and gloves.)

VI. ACCIDENTAL RELEASE MEASURES

Protect People:

Isolate area. Avoid contact with eyes and skin. May be a slipping hazard. Stop leak if it can be done safely. Wash exposed body areas thoroughly after handling. Use appropriate safety equipment.

Protect the Environment:

For small spills: Losses incidental to correct application of this product in its intended uses are not expected to be harmful to the environment.

For large spills: Avoid contamination of drinking water, natural water, ground water or any waterway. Losses incidental to correct application of this product in its intended uses are not expected to be harmful to the environment.

Clean-Up:

For small spills: Contain spill if possible. Collect material in suitable and properly labeled containers. Flush residue with plenty of water.

For large spills: Dike and transfer to suitable and properly labeled containers. Flush residue with plenty of water.

VII. HANDLING AND STORAGE

Handling: Heat developed during diluting or dissolving is very high. Use cool water when dissolving or diluting.

Storage: Keep containers tightly closed when not in use. Store in a dry place. Protect from atmospheric moisture.



VIII. EXPOSURE CONTROLS PERSONAL PROTECTION

Eye/Face Protection: Use safety glasses. For dusty operations, wear chemical goggles.

Skin Protection: For brief contact, no precautions other than clean, body-covering clothing should be needed. Use protective clothing impervious to this material and its components. If hands are cut or scratched or sensitive to deicing chemicals, use gloves impervious to this material.

Respiratory Protection: In dusty applications or atmospheres, use an approved dust respirator.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Blue-colored crystals with pellets and flakes. Odorless.

Stability: Stable. Hygroscopic.

X. OTHER IMPORTANT INFORMATION

Do not dump into sewers, on the ground or into any body of water. Follow application directions found on the package.

Incompatibility with other materials: Corrosive to some metals. Avoid contact with metals such as: Brass, mild steel, aluminum or any ferrous metal. Flammable hydrogen may be generated from contact with metals such as zinc or sodium. Avoid contact with sulfuric acid. Strong oxidizing agents will release chlorine.

Liberates chlorine upon thermal decomposition.

For disposal of this material as a waste, act in accordance with all applicable local, state and federal waste management regulations.

This product is not regulated by D.O.T. when shipped domestically by land.

To the best of our knowledge, this product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

OSHA Hazard Communication Standard: This product contains calcium chloride which has been categorized as a "Hazardous Chemical" due to the possibility of eye or skin irritation.

Consult MSDS sheets for sodium chloride, calcium chloride and magnesium chloride for additional information.



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Follow all instructions found on package.



MATERIAL SAFETY DATA SHEET Page 1 of 4

MAGCO INCORPORATED 888.405.0047 f 570.587.3550 www.magcosalt.com
600 South State Street Clarks Summit, PA 18411

I. GENERAL INFORMATION

TRADE NAME (COMMON NAME OR SYNONYM):

Safer Than Salt® Commercial Performance Ice Melter

COMPOSITION:

Safer than Salt® Commercial Ice Melter is a blend of five ice melting chemicals.

Sodium Chloride	CAS Number 7647-14-5
Calcium Chloride	CAS Number 10043-52-4
Magnesium Chloride	CAS Number 7791-18-6
Potassium Chloride	CAS Number 7447-40-7
CMA	CAS Number 76123-46-1

II. MANUFACTURER NAME AND ADDRESS

CONTACT: MAGCO INCORPORATED

600 South State Street
Clarks Summit, PA 18411
Quality Assurance

PHONE NUMBER: 570-586-2338

DATE ISSUED: July 1, 2005

III. HAZARDOUS IDENTIFICATION

Appearance: Pink/rose-colored crystals with pellets and flakes. Odorless.

Eye: Flakes may cause slight eye irritation. Dust may cause severe eye irritation with corneal injury. Effects may be slow to heal. When dissolving, the heat produced may cause more intense effects as well as thermal burns.

Skin: Short single exposure not likely to cause significant skin irritation. Prolonged or repeated exposure may cause skin irritation, even a burn. May cause more severe response if skin is damp or if material is confined to skin. May cause more severe response if skin is abraded. When dissolving, the heat produced may cause more intense effects as well as thermal burns. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.

Ingestion: Single dose oral toxicity is considered to be low. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury. Ingestion may cause gastrointestinal irritation or ulceration.

IV. FIRST AID

Eyes: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.



Skin: Wash off in flowing water.

Ingestion: If swallowed, seek medical attention. Do not induce vomiting unless directed by medical personnel.

Inhalation: Remove to fresh air if effects occur. Consult physician.

V. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Not Applicable

EXTINGUISHING MEDIA: Not Applicable

SPECIAL FIREFIGHTING PROCEDURES/EQUIPMENT: Not Applicable

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

Protective Equipment for Firefighters: Wear positive pressure, self-contained breathing apparatus (SCBA) and full protective firefighting clothing (includes firefighting helmet, coat, pants, boots and gloves.)

VI. ACCIDENTAL RELEASE MEASURES

Protect People:

Isolate area. Avoid contact with eyes and skin. May be a slipping hazard. Stop leak if it can be done safely. Wash exposed body areas thoroughly after handling. Use appropriate safety equipment.

Protect the Environment:

For small spills: Losses incidental to correct application of this product in its intended uses are not expected to be harmful to the environment.

For large spills: Avoid contamination of drinking water, natural water, ground water or any waterway. Losses incidental to correct application of this product in its intended uses are not expected to be harmful to the environment.

Clean-Up:

For small spills: Contain spill if possible. Collect material in suitable and properly labeled containers. Flush residue with plenty of water.

For large spills: Dike and transfer to suitable and properly labeled containers. Flush residue with plenty of water.

VII. HANDLING AND STORAGE

Handling: Heat developed during diluting or dissolving is very high. Use cool water when dissolving or diluting.

Storage: Keep containers tightly closed when not in use. Store in a dry place. Protect from atmospheric moisture.



VIII. EXPOSURE CONTROLS PERSONAL PROTECTION

Eye/Face Protection: Use safety glasses. For dusty operations, wear chemical goggles.

Skin Protection: For brief contact, no precautions other than clean, body-covering clothing should be needed. Use protective clothing impervious to this material and its components. If hands are cut or scratched or sensitive to deicing chemicals, use gloves impervious to this material.

Respiratory Protection: In dusty applications or atmospheres, use an approved dust respirator.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Pink/rose-colored crystals with pellets and flakes. Odorless.

Stability: Stable. Hygroscopic.

X. OTHER IMPORTANT INFORMATION

Do not dump into sewers, on the ground or into any body of water. Follow application directions found on the package.

Incompatibility with other materials: Corrosive to some metals. Avoid contact with metals such as: Brass, mild steel, aluminum or any ferrous metal. Flammable hydrogen may be generated from contact with metals such as zinc or sodium. Avoid contact with sulfuric acid. Strong oxidizing agents will release chlorine.

Liberates chlorine upon thermal decomposition.

For disposal of this material as a waste, act in accordance with all applicable local, state and federal waste management regulations.

This product is not regulated by D.O.T. when shipped domestically by land.

To the best of our knowledge, this product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

OSHA Hazard Communication Standard: This product contains calcium chloride which has been categorized as a "Hazardous Chemical" due to the possibility of eye or skin irritation.

Consult MSDS sheets for sodium chloride, calcium chloride, magnesium chloride, potassium chloride and CMA (calcium magnesium acetate) for additional information.



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Follow all instructions found on package.



MAGCO INCORPORATED 888.405.0047 f 570.587.3550 www.magcosalt.com
600 South State Street Clarks Summit, PA 18411

I. GENERAL INFORMATION

TRADE NAME (COMMON NAME OR SYNONYM):

EverGreen™ Professional Ice Melter

COMPOSITION:

EverGreen™ Professional Ice Melter is a blend of five ice melting chemicals.

Sodium Chloride	CAS Number 7647-14-5
Urea	CAS Number 0057-13-6
Potassium Chloride	CAS Number 7447-40-7
Magnesium Chloride	CAS Number 7791-18-6
CMA	CAS Number 76123-46-1

II. MANUFACTURER NAME AND ADDRESS

CONTACT: MAGCO INCORPORATED

600 South State Street
Clarks Summit, PA 18411
Quality Assurance

PHONE NUMBER: 570-586-2338

DATE ISSUED: July 1, 2008

III. HAZARDOUS IDENTIFICATION

Appearance: Blue and green-colored crystals and pellets. Odorless.

Eye: Flakes may cause slight eye irritation. Dust may cause severe eye irritation with corneal injury. Effects may be slow to heal. When dissolving, the heat produced may cause more intense effects as well as thermal burns.

Skin: Short single exposure not likely to cause significant skin irritation. Prolonged or repeated exposure may cause skin irritation, even a burn. May cause more severe response if skin is damp or if material is confined to skin. May cause more severe response if skin is abraded. When dissolving, the heat produced may cause more intense effects as well as thermal burns. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.

Ingestion: Single dose oral toxicity is considered to be low. Small amounts swallowed incidental to normal handling operations are not likely to cause injury; swallowing amounts larger than that may cause injury. Ingestion may cause gastrointestinal irritation or ulceration.

IV. FIRST AID

Eyes: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel.



EverGreen Professional Ice Melt

Skin: Wash off in flowing water.

Ingestion: If swallowed, seek medical attention. Do not induce vomiting unless directed by medical personnel.

Inhalation: Remove to fresh air if effects occur. Consult physician.

V. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: Not Applicable

EXTINGUISHING MEDIA: Not Applicable

SPECIAL FIREFIGHTING PROCEDURES/EQUIPMENT: Not Applicable

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

Protective Equipment for Firefighters: Wear positive pressure, self-contained breathing apparatus (SCBA) and full protective firefighting clothing (includes firefighting helmet, coat, pants, boots and gloves.)

VI. ACCIDENTAL RELEASE MEASURES

Protect People:

Isolate area. Avoid contact with eyes and skin. May be a slipping hazard. Stop leak if it can be done safely. Wash exposed body areas thoroughly after handling. Use appropriate safety equipment.

Protect the Environment:

For small spills: Losses incidental to correct application of this product in its intended uses are not expected to be harmful to the environment.

For large spills: Avoid contamination of drinking water, natural water, ground water or any waterway. Losses incidental to correct application of this product in its intended uses are not expected to be harmful to the environment.

Clean-Up:

For small spills: Contain spill if possible. Collect material in suitable and properly labeled containers. Flush residue with plenty of water.

For large spills: Dike and transfer to suitable and properly labeled containers. Flush residue with plenty of water.

VII. HANDLING AND STORAGE

Handling: Heat developed during diluting or dissolving is very high. Use cool water when dissolving or diluting.

Storage: Keep containers tightly closed when not in use. Store in a dry place. Protect from atmospheric moisture.



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VIII. EXPOSURE CONTROLS PERSONAL PROTECTION

Eye/Face Protection: Use safety glasses. For dusty operations, wear chemical goggles.
Skin Protection: For brief contact, no precautions other than clean, body-covering clothing should be needed. Use protective clothing impervious to this material and its components. If hands are cut or scratched or sensitive to deicing chemicals, use gloves impervious to this material.

Respiratory Protection: In dusty applications or atmospheres, use an approved dust respirator.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Blue and green colored crystals and pellets. Odorless.

Stability: Stable. Hygroscopic.

X. OTHER IMPORTANT INFORMATION

Do not dump into sewers, on the ground or into any body of water. Follow application directions found on the package.

Incompatibility with other materials: Corrosive to some metals. Avoid contact with metals such as: brass, mild steel, aluminum or any ferrous metal. Flammable hydrogen may be generated from contact with metals such as zinc or sodium. Avoid contact with sulfuric acid. Strong oxidizing agents will release chlorine.

Liberates chlorine upon thermal decomposition.

For disposal of this material as a waste, act in accordance with all applicable local, state and federal waste management regulations.

This product is not regulated by D.O.T. when shipped domestically by land.

To the best of our knowledge, this product contains no chemical subject to SARA Title III Section 313 supplier notification requirements.

Consult MSDS sheets for sodium chloride, urea, potassium chloride, magnesium chloride and CMA (calcium magnesium acetate) for additional information.



EverChem Inc. 10000 EverChem Dr. Houston, TX 77036

Disclaimer: MAGCO INCORPORATED believes the information contained on this MSDS sheet to be accurate. However, the data and information are presented without any representation of warranty, expressed or implied, regarding the accuracy or correctness. Once this product leaves the property of MAGCO INCORPORATED, the conditions or methods of handling, storage, use and disposal are beyond the control and knowledge of MAGCO INCORPORATED. For this and other reasons, MAGCO INCORPORATED does not assume responsibility and expressly disclaims any liability for loss, damage, injury or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.

Follow all instructions found on package.