



Material Safety Data Sheet

ICE MAN Ice & Snow Melt

MSDS No. SM-1900

Date of Preparation: 01/98

Revision: December 2006

Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Perk Products' ICE MAN Ice & Snow Melt
Chemical Formula: A proprietary blend of potassium chloride, sodium chloride and calcium chloride.
CAS Number: See Below
Other Designations: None
General Use: For the melting of ice and snow on sidewalks, driveways, parking lots, ramps, steps, etc.
Manufacturer: Perk Products & Chemical Co., Inc. P.O. Box 100585 Nashville, TN 37224
 Phone: 615-242-6157 Fax: 615-242-1267

HMIS
H 2
F 2
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PPE †
†Sec. 8

☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Section 2 - Composition / Information on Ingredients

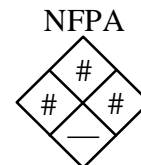
Ingredient Name	CAS Number	% wt or % vol
Potassium Chloride	7447-40-7	Trade secret
Sodium Chloride	7647-14-5	
Calcium Chloride	010043-52-4	

Section 3 - Physical and Chemical Properties

Physical State: Stable	Water Solubility: 317 gpl @ 0 degrees C
Appearance and Odor: blue dry granules, minimal odor	Other Solubilities: N/A
Odor Threshold: None	Boiling Point: N/A
Vapor Pressure: N/A	Freezing/Melting Point: N/A
Vapor Density (Air=1): N/A	Viscosity:
Formula Weight: Various	Refractive Index: N/A
Density: N/a	Surface Tension:
Specific Gravity (H₂O=1, at 4 °C): 2.076	% Volatile:
pH: N/A	Evaporation Rate: N/A

Section 4 - Fire-Fighting Measures

Flash Point: N/A
Flash Point Method: CC
Burning Rate:
Autoignition Temperature: N/A
LEL: N/A
UEL: N/A
Flammability Classification: 0
Extinguishing Media: Foam, Water
Unusual Fire or Explosion Hazards: N/A
Hazardous Combustion Products: N/A
Fire-Fighting Instructions:
Fire-Fighting Equipment:



Section 5 - Stability and Reactivity

Stability: ICE MAN is stable at room temperature in closed containers under normal storage and handling conditions.
Polymerization: Hazardous polymerization cannot occur.
Chemical Incompatibilities: N/A
Conditions to Avoid: Avoid contact with strong oxidizing acids
Hazardous Decomposition Products: will not occur

Section 6 - Health Hazard Information

Potential Health Effects

Primary Entry Routes: Mouth, Skin, Eyes – but not under normal conditions

Target Organs:

Acute Effects

Inhalation: None known under normal conditions

Eye: None known under normal conditions

Skin: None known under normal conditions

Ingestion: None known under normal conditions

Carcinogenicity: IARC, NTP, and OSHA do not list as a carcinogen.

Medical Conditions Aggravated by Long-Term Exposure:

Chronic Effects:

Effects from Exposure to Wildlife: None known under normal conditions

Emergency and First Aid Procedures

Inhalation:

Eye Contact: Flush eyes with water.

Skin Contact: Flush exposed area with water.

Ingestion: Do not induce vomiting. Get medical attention.

After first aid, get appropriate in-plant, paramedic, or community medical support.

Note to Physicians:

Special Precautions/Procedures:

Section 7 - Spill, Leak, and Disposal Procedures

Spill /Leak Procedures:

Small Spills: Sweep up clean material into clean container

Large Spills

Containment:

Cleanup:

Regulatory Requirements:

Disposal: Discard in normal waste disposal according to local regulations

Disposal Regulatory Requirements:

Container Cleaning and Disposal:

Ecological Information:

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EPA Regulations:

OSHA Regulations:

Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): Not listed

OSHA Specifically Regulated Substance (29CFR 1910.????)

State Regulations:

Section 8 - Exposure Controls / Personal Protection

Engineering Controls:

Ventilation: Provide general or local exhaust ventilation systems to maintain airborne concentrations below OSHA PELs

(Sec. 2). Local exhaust ventilation is preferred because it prevents contaminant dispersion into the work area by controlling it at its source.

Administrative Controls:

Respiratory Protection: Not needed under normal conditions

Protective Clothing/Equipment: Gloves, eye protection are optional

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment:

Comments: Wash hands after handling with warm, soapy water.

Section 9 - Special Precautions and Comments

Handling Precautions: Wash hands after handling with warm, soapy water.

Storage Requirements: Store in dry, ventilated area.

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DOT Transportation Data (49 CFR 172.101):

Shipping Name: Perk Products'
ICE MAN Snow & Ice Melt

Shipping Symbols:

Hazard Class:

ID No.: SM-1900

Packing Group: III

Label: Non Hazardous/ Non regulated

Special Provisions (172.102):
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Packaging Authorizations

a) **Exceptions:**

b) **Non-bulk Packaging:**

c) **Bulk Packaging:**

Quantity Limitations

a) **Passenger, Aircraft, or Railcar:**

b) **Cargo Aircraft Only:**

Vessel Stowage Requirements

a) **Vessel Stowage:**

b) **Other:**

Prepared By: Scott Perkerson

Revision Notes:

Disclaimer: IMPORTANT! Read this MSDS before use or disposal of this product. Pass along the information to employees and any other persons who could be exposed to the product to be sure that they are aware of the information before use or other exposure. This MSDS has been prepared according to the OSHA Hazard Communication Standard [29 CFR 1910.1200]. The MSDS information is based on sources believed to be reliable. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use, or misuse are beyond our control, **Perk Products & Chemical Co. Inc.** makes no warranty, either expressed or implied, with respect to the completeness or continuing accuracy of the information contained herein and disclaims all liability for reliance thereon. Also, additional information may be necessary or helpful for specific conditions and circumstances of use. It is the user's responsibility to determine the suitability of this product and to evaluate risks prior to use, and then to exercise appropriate precautions for protection of employees and others.