



**VAPORIZER PRO-GRADE Commercial
Strength Ice Melt**

Material Safety Data Sheet

A. GENERAL INFORMATION

TRADE NAME (COMMON NAME): VAPORIZER Pro-Grade Commercial Ice Melt		CAS NUMBER: NaCl – 7647-14-5 , MgCl ₂ , 7786-30-3, Corrosion Inhibitor 7446-20-2	
CHEMICAL FORMULATION: PRO-GRADE Commercial ice melt contains a proprietary mixture of Sodium Chloride, Liquid Magnesium with Corrosion Inhibitor, and Turf Mark Colorant.			
MANUFACTURER/ADDRESS: <i>GRO-WELL Brands Inc.</i> 46 Lathrop road extension Plainfield, CT, 06374			
CONTACT: Manager, Product Safety	PHONE NUMBER: 860-564-7225	LAST ISSUE DATE:	CURRENT ISSUE DATE: September 2011

B. FIRST AID MEASURES

EYES:	Immediately flush eyes with plenty of water for at least 15 minutes. Hold eyelids open during flushing. Remove contact lenses if possible. Consult physician.
SKIN:	Remove contaminated clothes and shoes. Flush with plenty of soap or mild detergent, and water.
INHALATION:	Remove from exposure area to fresh air. In case of symptoms, consult a physician.
INGESTION:	First let victim rinse mouth with water and then allow him/her to drink about 8 ounces (250 ml) of water. Consult a physician.
NOTE TO PHYSICIAN:	N/A

C. HAZARDS

INHALATION: May cause irritation of airways.	
INGESTION: This substance has a low acute toxicity. Intake of large quantities can cause cramps, vomiting and diarrhea. It is not likely that this product will be absorbed by the skin in toxic quantities.	
SKIN: May cause irritation of skin.	
EYES: May cause irritation of eyes.	
PERMISSIBLE CONCENTRATION: AIR SEE SECTION J	BIOLOGICAL None
UNUSUAL CHRONIC TOXICITY: None	

C. HAZARDS CONTINUED

FLASH POINT:	AUTO IGNITION	FLAMMABLE LIMITS IN AIR (% BY
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Not Flammable OPEN CUP <input type="checkbox"/> CLOSED CUP <input type="checkbox"/>	TEMPERATURE N/A	VOL.) Lower : N/A Upper : N/A
UNUSUAL FIRE AND EXPLOSION HAZARDS None		

D. PRECAUTIONS/PROCEDURES

FIRE EXTINGUISHING AGENTS RECOMMENDED:

Use standard agent suitable for surrounding fire

FIRE EXTINGUISHING AGENTS TO AVOID:

N/A

SPECIAL FIREFIGHTING PRECAUTIONS:

This product is non-combustible and non-explosive. Firemen should use a breathing apparatus, with full facial protection, which is independent from surrounding air. Wear suitable protective clothing.

VENTILATION:

General dilution ventilation is a satisfactory health hazard control for this substance.

NORMAL HANDLING:

Avoid contact with eyes and skin. Do not inhale dust. Ensure suitable protection (SECTION E). Use good personal hygiene and housekeeping.

STORAGE:

Keep package tightly sealed. Store in a dry area. Avoid uptake of moisture. Keep out of reach of children.

SPILL OR LEAK:

ALWAYS WEAR PERSONAL PROTECTIVE EQUIPMENT – SECTION E

Magnesium Chloride is produced from natural materials. Under the majority of conditions the product does not pose any unusual hazards for the environment. Prevent unnecessary dispersal. DO NOT allow it to unintentionally enter public sewers, surface or ground water.

Carefully scoop up spilt product. Flush away any remaining small quantities with water.

SPECIAL: PRECAUTIONS/PROCEDURES/LABEL INSTRUCTIONS:

Do not inhale dust
Avoid contact with skin
Avoid contact with eyes

SIGNAL WORD

CAUTION!

E. PERSONAL PROTECTIVE EQUIPMENT

RESPIRATORY PROTECTION:

Wear suitable dust mask in the event of dust formation.

EYES AND FACE:

Wear safety glasses with side shields.

HANDS, ARMS, AND BODY:

Wear appropriate protective gloves and clothing.

OTHER CLOTHING AND EQUIPMENT:

Butyl rubber gloves work well for this product. Replace when wear and tear signs are visible

F. PHYSICAL DATA

MATERIAL IS AT NORMAL CONDITIONS: LIQUID <input type="checkbox"/> SOLID <input checked="" type="checkbox"/> GAS <input type="checkbox"/> <input type="checkbox"/> _____		APPEARANCE AND COLOR: Aqua Blue Granules	
BOILING POINT: ~ N/A MELTING POINT: ~ N/A	SPECIFIC GRAVITY: (H ₂ O = 1) N/A	VAPOR DENSITY: (AIR =1) N/A	
SOLUBILITY IN WATER: (% BY WEIGHT) 320 gpl @0°	pH: solution in water 10% ~ pH 8.5 solution in water 20% ~ pH 7.5	VAPOR PRESSURE: (mm Hg @ 20°C) <input type="checkbox"/> (PSIG) <input type="checkbox"/> N/A	
EVAPORATION RATE: (Butyl acetate=1) <input type="checkbox"/> (Ether = 1.0) <input type="checkbox"/> N/A	% VOLATILES BY VOLUME: (AT 20°C) N/A		

G. REACTIVITY DATA

STABILITY: UNSTABLE <input type="checkbox"/> STABLE <input checked="" type="checkbox"/>	CONDITIONS TO AVOID: Stable under normal conditions. Strong oxidizing acids		
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizing materials. On contact with (non-coated) metals corrosion can occur.			
HAZARDOUS DECOMPOSITION PRODUCTS: Not applicable			
HAZARDOUS POLYMERIZATION: MAY OCCUR <input type="checkbox"/> WILL NOT OCCUR <input checked="" type="checkbox"/>		CONDITIONS TO AVOID: NONE	

H. HAZARDOUS INGREDIENTS MIXTURES ONLY

MATERIAL OR COMPONENT/C.A.S. #	WT. %	HAZARD DATA (See Sect. J)
N/A		

K. ADDITIONAL INFORMATION

NONE

THIS MATERIAL SAFETY DATA SHEET IS OFFERED SOLELY FOR YOUR INFORMATION, CONSIDERATION AND INVESTIGATION.

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