

# T&N, Incorporated

## Professional Turf and Ice Melt Products

815 Highway T • P.O. Box 240 • Foristell, MO 63348-0240

Local (636) 673-2505 • Toll Free (866) 670-2505 • Fax (636) 673-2750

E-Mail: tandninc@aol.com

www.tandninc.com

### MATERIAL SAFETY DATA SHEET

#### PRODUCT **EARTH-WISE® HP Ice Melter**

PRODUCT CODE EWHP50, EWHP40, EWHP20, EWHP10, EWHP12, EWHP40P

DATE PREPARED October 2006

#### DISTRIBUTOR

**T and N, Inc.**

**815 Hwy. T - P.O. Box 240**

**Foristell, MO 63348**

#### INGREDIENTS AND IDENTITY INFORMATION

INGREDIENTS	CHEMICAL NAME	CAS#
Sodium Chloride	NaCl	7647-14-5
Potassium Chloride	KCl	7447-40-7

#### PHYSICAL AND CHEMICAL PROPERTIES

	NaCl	KCl
MELTING POINT	801°C	Not available
BOILING POINT	1413°C	Not available
VAPOR PRESSURE	1 mm @ 365°C	Not available
% NON-VOLATILES	100	0-0.5
SOLUBILITY (H <sub>2</sub> O)	38 g/100 g H <sub>2</sub> O @ 20°C	@ 20°C - 26%
SPECIFIC GRAVITY	2.46	2.0
EVAPORATION RATE	Not applicable	Not available
ODOR	None	None to slightly oily odor
APPEARANCE	White crystalline	White to red in color, fine to 4 mm size granules
PHYSICAL STATE	Solid	Solid
DENSITY (LOOSE)	Not applicable	1041 to 1153 kg/m <sup>3</sup>
FREEZING POINT	Not available	773°C
pH	Not available	8-9

#### FIRE AND EXPLOSION HAZARD DATA

FLASH POINT	Not applicable	SENSITIVITY TO STATIC DISCHARGE	None
FLAMMABLE	No	MEANS OF EXTINCTION	Not applicable
SPECIAL EXTINGUISHING PROCEDURES	Not applicable	UPPER & LOWER EXPLOSION LIMIT	Not applicable
AUTO IGNITION TEMPERATURE	Not applicable	TDG FLAMMABILITY CLASSIFICATION	None
HAZARDOUS COMBUSTION PRODUCTS	None	SENSITIVITY TO CHEMICAL IMPACT	None
RATE OF BURNING	Not applicable	EXPLOSIVE POWER	None to 801°C

#### HEALTH HAZARD INFORMATION

EYE	Mild to moderate temporary irritation	INGESTION	Large doses may cause vomiting
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##### SKIN

Mild irritation or rash

##### CARCINOGENICITY

Not hazardous

##### INHALATION

May cause nose, throat and respiratory tract irritation

##### REPRODUCTIVE TOXICITY/TERATOGENICITY

No data available

#### **FIRST AID MEASURES**

##### EYES

Flush with running water for at least 15 minutes and obtain medical attention.

##### SKIN

Flush with water, obtain medical attention if rash develops.

##### INHALATION

Obtain medical advice if symptoms persist.

##### INGESTION

Obtain medical attention. Ingestion of large amounts usually causes purging of the stomach by vomiting.

#### **REACTIVITY DATA**

##### STABILITY

Stable

##### INCOMPATIBILITY

Lithium, bromine, trifluoride, strong acids & oxidizing agents

##### HAZARDOUS DECOMPOSITION PRODUCTS

When heated to temperatures above 801°C, may emit toxic fumes of chlorine and sodium oxides.

##### HAZARDOUS POLYMERIZATION

Will not occur

#### **PREVENTATIVE MEASURES**

##### VENTILATION

Use local or area ventilation to remove dust

##### RESPIRATORY PROTECTION

Dust mask for comfort

##### SKIN PROTECTION

Work gloves desirable, but not required

##### EYE PROTECTION

Safety glasses

##### SPILL OR LEAK

Use broom or dry vacuum to collect material for proper disposal. Rinse area with water.

##### WASTE DISPOSAL

Review Federal, state, provincial and local government requirements prior to disposal. Keep out of drinking water sources.

##### STORAGE

Store in a dry area. Keep container tightly closed. Do not get in eyes, on skin or clothing. Keep away from incompatible materials.

	HMIS	NFPA
HEALTH	0	0
FLAMMABILITY	0	0
Earth-Wise HP		2

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REACTIVITY                      0    0

PPE    A

#### HMIS

Severe = 4    Serious = 3    Moderate = 2    Slight = 1    Minimal = 0

#### NFPA

Extreme = 4    High = 3    Moderate = 2    Slight = 1    Insignificant = 0    Safety = A

#### **SUMMARY**

The information and statements in these Material Safety Data Sheets are believed to accurately reflect the scientific evidence used in making the hazard determination, but is not to be construed as a warranty or representation for which we assume legal responsibility. Additional information may be necessary or desirable, depending on particular, exceptional, or variable conditions or circumstances of use, or storage, or because of locally applicable laws or government regulations. Therefore, you should use this information only as a supplement to other information available to you, and must make independent determinations to the suitability of the information for your particular circumstances, or conditions, and of the completeness of the information available from all sources, to assure both the proper use of the material described herein and the safety and health of employees.