

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® Plus Ice Melter**

PRODUCT CODE EWP50, EWP40, EWP20
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
Calcium Chloride	CaCl	10043-52-4
Magnesium Chloride	MgCl	7786-30-3

PHYSICAL AND CHEMICAL PROPERTIES

	NaCl	KCl	CaCl	MgCl
MELTING POINT	801° C	Not available	187° C	116-118° C
BOILING POINT	1413° C	Not available	773° C	Decomposes
VAPOR PRESSURE	1 mm @ 365° C	Not available	Not available	Not applicable
% NON-VOLATILES	100	0-0.5	Not available	Not available
SOLUBILITY (H ₂ O) @ 20° C	38%	26%	40%	67%
SPECIFIC GRAVITY	2.46	2.0	2.15	1.569
EVAPORATION RATE	Not applicable	Not available	Not available	Not applicable
ODOR	None	None to slightly oily odor	None	None
APPEARANCE	White crystalline	White to red in color, fine to 4 mm size granules	White pellets or flakes	White or off-white colored crystals
PHYSICAL STATE	Solid	Solid	Solid	Solid
DENSITY (LOOSE)	Not applicable	1041 to 1153 kg/m ³	Not applicable	Not applicable
FREEZING POINT	Not available	773° C	Not available	Not available
pH	Not available	8-9	Not available	Not available

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT
Not applicable

FLAMMABLE
No

SPECIAL EXTINGUISHING PRODUCTS
Not applicable

AUTO IGNITION TEMPERATURE
Not applicable

SENSITIVITY TO STATIC DISCHARGE
None

MEANS OF EXTINCTION
Not applicable

UPPER & LOWER EXPLOSION LIMIT
Not applicable

TDG FLAMMABILITY CLASSIFICATION
None

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PRODUCT

EARTH-WISE® Plus Ice Melter

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
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.