

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 ARCTIC BLASTER® Plus Ice Melter

PRODUCT CODE ABP50, ABP40, ABP25, ABP20, ABP10, ABP40P

DATE PREPARED October 2006

DISTRIBUTOR

T and N, Inc.

815 Hwy. T - P.O. Box 240

Foristell, MO 63348

INGREDIENTS AND IDENTITY INFORMATION

| INGREDIENT | PEL | TLV |
|---------------------------------|------------------------|------------------------|
| Magnesium Chloride, Hexahydrate | None | None |
| Magnesium Chloride Solution | None | None |
| Granular Muriate of Potash | 15 mg/m ³ * | 10 mg/m ³ * |

* As nuisance dust

PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT 760 mm/Hg

Greater than 225°F

APPEARANCE AND ODOR

White granular solids and flakes, no odor

MELTING POINT

Loss of hydration at 116 - 118°C

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (CLOSED CUP) RANGE

Not applicable

AUTO IGNITION TEMPERATURE

Not applicable

EXPLOSION LIMIT (%)

Lower Upper

Not applicable Not applicable

HEALTH HAZARD INFORMATION

ORAL LD₅₀

Not applicable

DERMAL LD₅₀

Not applicable

INHALATION

May cause respiratory irritation.

CHRONIC EFFECTS

Inhalation of dust may be irritating to mucous membranes. Chronic inhalation of dust may reduce lung function.

EMERGENCY AND FIRST AID PROCEDURES

EYES

Wash thoroughly with running water for at least 15 minutes.

SKIN

Wash with soap and water thoroughly. Remove chemical from skin and hair. If irritation persists, seek medical attention.

INHALATION

SPECIFIC GRAVITY (H₂O=1)

1.9

pH

8.0 - 9.0

SOLUBILITY IN H₂O

Soluble

EXTINGUISHING MEDIA

Non-flammable

FLAMMABLE LIMITS IN AIR, % BY VOLUME

Not applicable

PRIMARY DERMAL IRRITATION

Contact may cause skin irritation.

PRIMARY EYE IRRITATION

Contact may cause eye irritation.

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Remove to fresh air. Contact medical personnel if symptoms occur.

INGESTION

Call a physician or Poison Control Center immediately.

REACTIVITY DATA

MATERIAL REACTS VIOLENTLY WITH

Stable

HAZARDOUS POLYMERIZATION

Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS

Not

INCOMPATIBILITY

Avoid contact with strong acids. Mildly corrosive to metals in the presence of moisture.

SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

Where exposure limits are exceeded, wear a suitable respirator (MSHA/NIOSH approved or equivalent).

VENTILATION

Work area must have adequate ventilation to limit exposure to this product.

PROTECTIVE CLOTHING

Gloves and safety goggles or glasses.

SPILL OR LEAK PROCEDURES

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

- 1)Wear hand gloves and dust mask.
- 2)Contain spill.
- 3)Collect into clean container.
- 4)Apply recovered product per label instructions.

SPECIAL PRECAUTIONS

STATEMENT OF PRACTICAL TREATMENT

In case of contact, wash skin with plenty of soap and water; for eyes, flush with water for 15 minutes and get medical attention.

STORAGE AND DISPOSAL STATEMENTS

STORAGE

Store in original container, and keep any bags containing unused product in a locked storage area, inaccessible to children and domestic animals. Do not store near food or feedstuffs.

PRODUCT DISPOSAL

To dispose of bags containing unused product, securely wrap bag in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL

Do not reuse empty bag. Fold empty bag and discard in trash.

PHYSICAL DATA, % CUMULATIVE

| (TYLER MESH) | OPENING | RANGE | TYPICAL |
|--------------|----------|--------|---------|
| +6 | (3.33MM) | 4-12 | 8 |
| +8 | (2.36MM) | 50-75 | 60 |
| +10 | (1.65MM) | 80-95 | 90 |
| +14 | (1.17MM) | 95-97 | 96 |
| +20 | (0.83MM) | 97-100 | 98 |

SUMMARY

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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.