

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 Greenskeeper's Secret All Purpose 16-16-16

PRODUCT CODE GSAP/35, GSAP/40

DATE PREPARED October 2006

DISTRIBUTOR

T and N, Inc.

815 Hwy. T - P.O. Box 240

Foristell, MO 63348

INGREDIENTS AND IDENTITY INFORMATION

INGREDIENTS	CAS #	PEL	TLV
Diammonium Phosphate	7783-28-0	15mg/m ³ *	10mg/m ³ *
Granular Urea	57-13-6		
Granular Muriate of Potash	7447-40-7		
Clay	1302-78-9		
Limestone	1317-65-3	*as nuisance dust	

PHYSICAL AND CHEMICAL PROPERTIES

BOILING/MELTING POINT 760 mm/Hg

Decomposition begins at 275°F

pH

7.5 - 8.5

SPECIFIC GRAVITY (H₂O=1)

1.9

SOLUBILITY IN H₂O

Soluble except limestone

APPEARANCE AND ODOR

Brown, gray and white granular solids; Slight ammonia odor.

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (CLOSED CUP) RANGE

N/A

EXTINGUISHING MEDIA

Use appropriate media to fight surrounding fire.

SPECIAL FIRE FIGHTING PROCEDURES

Fire Fight Equipment

Wear protective apparatus to avoid breathing fumes.

UNUSUAL FIRE AND EXPLOSION HAZARDS

- 1)The product may burn at a very high temperature, but will not ignite readily.
- 2)Fire may produce irritating or poisonous gases.
- 3)Run off from fire control or dilution ware may cause pollution.
- 4)In case of water pollution, contact local authorities.

HEALTH HAZARD INFORMATION

ACUTE ORAL LD₅₀

N/A

ACUTE DERMAL LD₅₀

N/A

PRIMARY DERMAL IRRITATION

Contact may cause skin irritation

PRIMARY EYE IRRITATION

Contact may cause eye irritation

INHALATION 4 HR. LC₅₀

N/A

ACUTE EFFECTS

Inhalation of dust may be irritating to mucous membranes. If ingested at high concentrations, may irritate mouth, throat, gastro-intestinal tract. Chest pain, abdominal pain, and/or diarrhea may occur.

EMERGENCY AND FIRST AID PROCEDURES

EYES

Wash thoroughly with running water for at least 15 minutes.

SKIN

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Wash with soap and water thoroughly.

INHALATION

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

N/A

HAZARDOUS DECOMPOSITION PRODUCTS

N/A

HAZARDOUS POLYMERIZATION

N/A

INCOMPATIBILITY

N/A

SPECIAL PROTECTION INFORMATION

Protective equipment should be used in the application of this product, including the following:

RESPIRATORY PROTECTION

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

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

PROTECTIVE CLOTHING

Rubber gloves, long-sleeved shirt, shoes and socks.

EYE PROTECTION

Goggles or glasses.

SPILL OR LEAK PROCEDURES

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

- 1)Wear gloves, protective clothing and dust mask.
- 2)Contain spill.
- 3)Collect into clean container and mark properly.
- 4)Recovered product may be applied 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.

CAUTION

Hazardous to humans and domestic animals. Harmful if swallowed. Do not inhale dust. Do not allow contact with skin, eyes or clothing. Wash hands thoroughly after handling.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not apply when weather conditions favor drift from target area.

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. To prevent cross contamination, do not store near other fertilizer, or near herbicides, insecticides, fungicides, or seeds.

PRODUCT DISPOSAL

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

CONTAINER DISPOSAL

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

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 determination of the suitability of the information from all sources, to assure both the proper use of the material described herein and the safety and health of employees.