

Material Safety Data Sheet

Number: **DMN0001**

Product Name: **0007™ Vegetation Killer**

A triazine aliphatic hydrocarbon weed and grass killer.

Revised: 5/20/08

Damon Industries, Inc.
Box 2120
Alliance, OH 44601

24 hour **Emergency Only** phone: 1-800-535-5053
Information phone: 1-800-362-9850 or 330-821-5310
fax: 330-821-6355

Section 2 - Composition / Information on Hazardous Ingredients

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>Carcinogen</u>
Aliphatic petroleum distillates	68476-34-6	> 60%	No
2,4-Bis(isopropylamino)-6-methoxy-s-triazine	1610-18-0	2 - 10%	No
1,2,4-trimethylbenzene	95-63-6	1 - 2%	No
N-Butanol	71-36-3	1%	No
Ethylene glycol phenyl ether	122-99-6	1%	No

Section 3 - Hazards Identification

Emergency Overview: Liquid is irritating to the eyes and mildly irritating to the skin. Product is combustible. Spontaneous combustion of wet combustible materials is possible. It may be extinguished by CO₂, dry chemical or foam. A clear, red, amber or green liquid with pungent petroleum odor. It should not be allowed into sewers or the environment.

Health Hazards: Irritant, Sensitizer

Physical Hazards: Combustible

Primary Routes of Entry: Through Skin Inhalation Ingestion

Potential Health Effects:

Eyes - may cause severe irritation, redness, tearing, blurred vision.

Skin - may cause irritation and drying. Repeated contact may cause dermatitis. The strong odor is hard to wash off skin.

Swallowing - can cause gastrointestinal irritation, nausea, vomiting, and diarrhea. Toxic symptoms in rats include muscular weakness, salivation, loss of appetite, tremors, reduced body temperature and nose-bleed.

Breathing - excessive breathing of vapors can cause nasal and respiratory irritation, dizziness, nausea or headache.

Target Organs - None.

Section 4 - First Aid Measures

Eye Contact: Immediately flush eyes with water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention immediately.

Skin Contact: Wash the exposed skin with soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing before wearing again. If irritation develops and persists, get medical attention.

Inhalation: If affected, move the affected person to fresh air. If irritation persists get medical attention.

Ingestion: If the product is swallowed, do NOT induce vomiting. Keep the person warm and quiet and get medical attention immediately.

Section 5 - Fire-Fighting Measures

Flash Point: 140° F. (ASTM D-56 closed cup)

Lower Explosive Limit: Not Available

Upper Explosive Limit: Not Available

Extinguishing Media: Water or foam may cause violent frothing, especially on hot containers of burning liquid.

Special Fire Fighting Procedures: None.

Unusual Fire And Explosion Hazards: Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights, flames or ignition sources at a distance from the handling point.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Wipe up small spills with a rag or paper towel. Dispose of rags immediately to prevent having a fire hazard. Larger spills should be absorbed with absorbent material and collected into drums for proper disposal. Eliminate all sources of ignition. Dike to prevent entry into drains, sewers, streams and other bodies of water. Call Damon Industries for the name of a contractor to assist in clean-up or disposal of larger quantities.

Section 7 - Handling and Storage

Do not eat, drink or smoke while using product. Always wash hands thoroughly after using. Do not store near food. Store tightly closed container in a cool place away from sources of ignition. Vapors are heavier than air.

Do not weld or cut on or around drums or totes, even when empty. Vapors in the air-space may be flammable. Empty containers retain product residue and may be hazardous. Observe all precautions given in this data sheet.

Section 8 - Exposure Controls / Personal Protection

<u>Ingredient</u>	<u>C.A.S. No.</u>	<u>Percent</u>	<u>TWA(source)</u>	<u>STEL</u>	<u>Ceiling</u>
Aliphatic petroleum distillates	68476-34-6	> 60%	500ppm(1)	-	-
2,4-Bis(isopropylamino)-6-methoxy-s-triazine	1610-18-0	2 - 10%	no limits have been established.		
1,2,4-trimethylbenzene	95-63-6	1 - 2%	25ppm(2,3,4)	35ppm(4)	-
N-Butanol	71-36-3	1%	100ppm(1)	-	50ppm(2,3,4)
Ethylene glycol phenyl ether	122-99-6	1%	no limits have been established.		

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hr Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous

Ventilation: Normally used outdoors where airborne exposure limits cannot be exceeded.

Respiratory Protection: None expected when used as directed outdoors.

Gloves: Wear neoprene, nitrile or heavy latex gloves. Do not use disposable latex gloves.

Eye Protection: Wear safety glasses with side shields or goggles.

Other Protective Equipment: None.

Section 9 - Physical and Chemical Properties

Boiling Point: 490° F.

Specific Gravity: 0.90

Percent Volatiles: 100%

Solubility In Water: Immiscible (none)

Appearance and Odor: A clear red, amber to green liquid with pungent petroleum odor.

Vapor Pressure: Not Available

Vapor Density: Not available

Evaporation Rate: Not available

pH: Not Applicable

Section 10 - Stability and Reactivity

Incompatibility: Oxidizers, hypochlorites, bleach.

Hazardous Decomposition Products: None

Section 11 - Toxicological Information

The toxicity of 2,4-Bis(isopropylamino)-6-methoxy-s-triazine is very low in humans and land animals. Fish are more sensitive to it. Run-off is not very toxic to fish, but use close to bodies of water containing fish should be avoided or studied before using. If more information is desired on toxicity, contact Damon Industries, Inc.

Section 12 - Ecological Information

Do not dispose of unusable material in the environment.

Section 13 - Disposal Considerations

Waste Disposal Method: Dispose of small amounts of rags or absorbent material in the trash. Do not dispose of product in the sewer. In some localities the absorbent material may be disposed of in the trash. In other areas it may require special incineration or other hazardous waste disposal. Follow all local, state and federal regulations. Call Damon Industries for the name of a contractor to assist in clean-up or disposal of larger quantities.

Section 14 - Transport Information

D.O.T. Hazard Class: None when in containers of 110 gallons or less.

Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

Section 313 Supplier Notification: This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and CFR 372.

<u>Chemical Name</u>	<u>C.A.S. No.</u>	<u>% By Weight</u>	<u>Lbs./Gallon</u>
1,2,4-trimethylbenzene	95-63-6	1.7%	0.13
N-Butanol	71-36-3	1%	0.08
Ethylene glycol phenyl ether	122-99-6	1%	0.08

Section 16 - Other Information

NFPA®: H:1 F:2 I:1 **HMIS® III:** H:2 F:2 P:0 These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

Replaces sheet dated 5/16/01.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.