

Section 1 - IdentificationProduct Name: **0007™ Vegetation Killer**

A petroleum-based weed and grass killer.

Revised: 6/2/15

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Section 2 - Composition / Information on Hazardous Ingredients

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.

This is an EPA registered product. The OSHA GHS labeling requirements do not apply at this time.

See

- Section 4 - First Aid Measures**
- Section 5 - Fire-Fighting Measures**
- Section 6 - Accidental Release Measures**
- Section 7 - Handling and Storage**
- Section 13 - Disposal Considerations**

for industry standard information.

Section 3 - Hazards Identification

Ingredient	C.A.S. No.	Concentration
Diethylene Glycol Ethyl Ether	111-90-0	1 - 5%
Isooctyl (2-ethylhexyl) Ester of 2,4-D	1928-43-4	1.09%
Hydrotreated Petroleum Distillate	64742-47-8	60 - 70%
Solvent naphtha, petroleum, heavy aromatic	64742-94-5	20 - 30%
Bromacil	314-40-9	0.98%
Naphthalene	91-20-3	<= 1%

The remaining ingredients are not reportable as described in Appendix D to Sec. 1910.1200 Table D.1.

Section 4 - First Aid Measures

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Skin Contact: Wash with plenty of soap and water. If skin irritation occurs get medical attention. Take off contaminated clothing and wash it before reuse.

Inhalation: Remove person to fresh air and keep comfortable for breathing. Call a poison center or a doctor if you feel unwell.

Ingestion: Harmful or fatal if swallowed. Seek medical attention immediately.

Section 5 - Fire-Fighting Measures

Extinguishing Media: Any.

Special Fire Fighting Procedures: None.

Unusual Fire And Explosion Hazards: None.

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.

Section 7 - Handling and Storage

Do not get in eyes, on skin or on clothing. Avoid breathing sprays and vapors. Avoid skin contact. Keep out of reach of children. Do not use or store near heat, sparks or open flame. Store in a cool, dry place. Ground/bond container and receiving equipment. Use explosion-proof ventilating and equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

Section 8 - Exposure Controls / Personal Protection

Ingredient	C.A.S. No.	Concentration	TWA(source)	STEL	Ceiling
Bromacil	314-40-9	0.98%	1 ppm(2)	-	-
Naphthalene	91-20-3	<= 1%	10 ppm(1,2)	15 ppm(2)	-

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

Ingredients not shown either have no known limits or are below reportable levels in section 3 above.

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

Appearance and Odor: A yellow liquid with a petroleum odor.	
Odor Threshold: Not Available	Vapor Pressure: Not Available
pH: concentrate Not Applicable	Vapor Density: Not Available
Melting Point: Not Available	Relative Density (Specific Gravity): 0.8
Freezing Point: Not Available	Solubility(ies): Water: Insoluble
Boiling Point, Initial: 212° F.	Partition coefficient: Not Available
Boiling Range: Not Available	Auto-ignition Temperature: Not Available
Flash Point: 170° F. (ASTM D-56 closed cup)	Decomposition Temperature: Not Available
Evaporation Rate: ~1 (Water = 1)	Viscosity: Same as water.-
Flammability: (solid, gas): Not Applicable	Volatiles Percent: 100%
Upper Explosive Limit: None	V.O.C.: 0% - 0 grams/liter
Lower Explosive Limit: None	

Section 10 - Stability and Reactivity

Incompatibility: Acids, strong oxidizers.

Hazardous Decomposition Products: CO, CO₂

Section 11 - Toxicological Information

Primary Routes of Entry: Skin contact; Skin absorption; Inhalation; Ingestion

Potential Health Effects:

EYES: May cause serious eye irritation. Symptoms include stinging, tearing and redness.

SKIN: May cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, drying of skin and skin burns.

INHALATION: High vapor/aerosol concentrations (>1000 ppm) are irritating to the eyes and respiratory tract. May cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death. May cause peripheral nervous system disorder and/or damage.

INGESTION: Harmful or fatal if swallowed. Aspiration hazard - this material can enter lungs during swallowing or vomiting and cause lung inflammation and damage.

Chronic / Long Term Effects: Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Signs and Symptoms of Overexposure: Signs and symptoms of overexposure to this material through breathing, swallowing, and/or passage of material through the skin may include: stomach or intestinal upset (nausea vomiting, diarrhea) irritation (nose, throat, airways), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness).

Target Organ Effects: Central nervous system, skin.

Reproductive/Developmental Information: Suspected genetic cell mutagen.

Carcinogenic Information: Naphthalene: NTP - Possible Select Carcinogen, IARC - Group 2B

Acute Toxicity Values: Bromacil: Oral LD50 (rat) 1723 mg/kg; 2,4-D Oral LD50 (rat) 896 mg/kg.

Section 12 - Ecological Information

2,4-D: 96-hour LC₅₀ Rainbow Trout: 7.2 mg/l.

Bromacil: 96-hour LC₅₀ Rainbow Trout: 38 ppm.

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.

Section 15 - Regulatory Information

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

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 5/20/08.

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.