

# MATERIAL SAFETY DATA SHEET

(Prepared According to 29 CFR 1910.1200)

HMIS HAZARDOUS MATERIALS

## IDENTIFICATION SYSTEM

A = Safety Glasses

B = A + Gloves

C = B + Apron

D = C + Face Shield

E = B + Dust Mask

F = C + Dust Mask

G = B + Respirator

H = F + Goggles

I = B + Respirator

X = Ask Supervisor

4 = Extreme

3 = High

2 = Moderate

1 = Slight

0 = Insignificant

Health.... 2

Flammability.... 2

Reactivity.... 0

Protection.... G

## SECTION I - PRODUCT IDENTIFICATION

**Product Code: 227** Supersedes date: May 6, 1997

Section(s) changed: II, X

Effective date: June 20, 2001

PRODUCT NAME: STOMP-OUT 98

GENERIC NAME: Bromacil and 2, 4-D Herbicide

DISTRIBUTORS NAME:

INFORMATION PHONE NUMBER: 314-771-6600

EMERGENCY PHONE NUMBER IN THE EVENT OF CHEMICAL EMERGENCIES INVOLVING A SPILL, LEAK, FIRE OR ACCIDENT: CHEMTREC 800-424-9300

PROPER SHIPPING DESCRIPTION: ≤ 110 Gal: Combustible liquid, n.o.s. (Contains petroleum distillates),3, NA1993, III, ltd qty

LABEL: None

CHEMICAL FAMILY: Non-Selective Herbicide

FORMULA: Proprietary Mixture

DISTRIBUTORS ADDRESS:

## SECTION II -HAZARDOUS INGREDIENTS

| CHEMICAL NAME                            | CAS No.    | Wt% | OSHA PEL             | ACGIH TLV            | OTHER |
|--|------------|-----|----------------------|----------------------|-------|
| Tripropylene Glycol                      | 24800-44-0 |     | 100 ppm              | 100 ppm              |       |
| Aliphatic Petroleum Distillates          | 68334-30-5 |     | 500 ppm              | NE                   |       |
| Ester of 2, 4-Dichlorophenoxyacetic Acid | 25168-26-7 | <2  | 10 mg/m <sup>3</sup> | 10 mg/m <sup>3</sup> |       |
| 5-Bromo-3-sec-butyl-6-methyluracil       | 314-40-9   | <1  | 10 mg/m <sup>3</sup> | 10 mg/m <sup>3</sup> |       |

The information & recommendations set forth herein are presented in good faith & believed to be current & reliable. The manufacturer makes no representation as to the completeness or accuracy thereof & supplies information upon the condition that the persons receiving same will make their own determination as to its suitability for their purpose prior to use. In no event will The manufacturer be responsible for any damage of any nature whatsoever resulting from the use of or reliance upon this information. No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose or of any other nature are made hereunder with respect to information or the product to which it refers.

## SECTION III - PHYSICAL/CHEMICAL DATA

Boiling Point (°F): 325  
Vapor Pressure (mm Hg): 1.0  
Vapor Density (Air=1): 6.0  
Evaporation Rate: (Water=1): LT 1.00  
Solubility in Water: Negligible  
Physical Description: Clear Red Thin Liquid  
Solvent Odor

Specific Gravity: 0.874  
Lbs/Gal Density: 7.28

## SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT (Method Used): 150 °F TCC  
LIMITS: LEL: 0.6 UEL: 7.5  
EXTINGUISHING MEDIA: Foam, dry chemical, carbon dioxide, if product is involved.  
SPECIAL FIRE FIGHTING PROCEDURES: Avoid exposure to fumes or vapors. Wear self-contained positive pressurized breathing apparatus MSHA/NIOSH Approved or equivalent to maintain TLV.  
UNUSUAL FIRE & EXPLOSION HAZARD: Combustible. Keep away from heat, sparks and open flame. Use water spray to cool adjacent fire exposed containers. Prevent use of area until properly decontaminated

## SECTION V - REACTIVITY DATA

Stability: Stable. Store below 115° F.  
Hazardous Polymerization: Will not occur.  
Incompatibility (Materials to Avoid): Strong oxidizing agents, Strong acid, Water.  
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide; Nitrous Oxides, Hydrogen Chloride.

## SECTION VI - STORAGE & HANDLING INFORMATION

KEEP OUT OF REACH OF CHILDREN. WARNING.  
Do not contaminate water, food or feed. Avoid all contact. Store upright in original closed container.  
Other Precautions: Do not get in eyes, on skin or on clothing. Avoid entry into sewers or natural waters. Do not use or store near heat, sparks or open flames. Remove & wash contaminated clothing before reuse.

## SECTION VII - HEALTH HAZARDS AND FIRST AID

| Carcinogenicity:<br>YES   | NTP?<br>YES  | IARC Monographs?<br>YES | OSHA REGULATED?<br>YES |
|---|--|-------------------------|------------------------|
| EFFECTS OF OVEREXPOSURE:<br>SKIN: Irritation or burns<br>EYES: Irritation or burns<br>INHALATION: Irritation or dizziness<br>INGESTION: Dizziness, nausea, narcosis | EMERGENCY FIRST AID PROCEDURES:<br>SKIN: Wash with soap & water for 15 minutes. See physician if irritation persists.<br>EYES: Flush with flowing water for 15 minutes & see physician.<br>INHALATION: Remove to fresh air. If breathing has stopped, apply suitable artificial respiration. Get medical help.<br>INGESTION: Give milk or water to dilute material; DO NOT induce vomiting. Avoid alcohol. CALL A PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. |                         |                        |

Always maintain TLV

## SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: (Specify type) NIOSH approved respirator for mist.  
VENTILATION: Local exhaust preferred. Mechanical (general) at point of mist acceptable. Avoid breathing vapor or spray.  
PROTECTIVE GLOVES: Impervious rubber, detergent resistant!  
EYE PROTECTION: Safety glasses.  
OTHER PROTECTIVE EQUIPMENT: Impervious rubber boots & Apron. Safety Shower.  
WORK/HYGIENIC PRACTICES: Practice good personal hygiene. Wash after handling. Shower at end of work period.

## SECTION IX - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Soak up & absorb spill on diatomaceous earth, sawdust or other inert material. Sweep up  
to suitable containers for disposal. Isolate from sources of ignition.  
WASTE DISPOSAL METHOD: Dispose of in accordance with applicable Federal, State & Local regulations.

## SECTION X - ADDITIONAL FEDERAL REGULATIONS

SARA TITLE III (EPCRA) NOTIFICATION: BROMACIL [Reportable under section 313 and section 6607 of the Pollution Prevention Act]  
COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT (CERCLA) NOTIFICATION: 2,4-D ESTERS  
For more information, consult 40 CFR parts 302, 355, 370, 372, and 40 CFR part 68.

