

Material Safety Data Sheet

Effective Date: 01-JAN-2000
Product: RATTLER* HERBICIDE

I. IDENTIFICATION

Chemical Name: GLYPHOSATE, ISOPROPYLAMINE SALT
Chemical Family: HERBICIDES
Formula: NOT APPLICABLE, FORMULATED MIXTURE.
Synonyms: NONE
CAS Number: (ACTIVE INGREDIENT) 1071-83-6
EPA Number: 524-445-5905

II. PHYSICAL DATA

Boiling Point: NOT ESTABLISHED
Freezing Point: 10 DEGREES F.
Spec Gravity: 1.170 GMS/CC
Vapor Pressure: NOT ESTABLISHED
Vapor Density: NOT ESTABLISHED
Solubility: 100%
Volatiles: NOT ESTABLISHED
Evaporation: NOT ESTABLISHED
Melting Point: NOT APPLICABLE
Appearance: AMBER COLORED SOLUTION, AMINE ODOR.

III. INGREDIENTS

Material	CAS Number	Percent	TLV	Hazard
GLYPHOSATE (N-PHOPHONOMETHYL-GLYCINE, IN THE FORM OF ITS ISOPROPYLAMINE SALT) (CONTAINS 4 LBS PER GALLON OF THE ACTIVE INGREDIENT, GLYPHOSATE)		41.00	NOT ESTABLISHED	MILD SKIN & EYE IRRITANT
INERT INGREDIENTS		59.00	NOT APPLICABLE	NOT APPLICABLE

IV. FIRE AND EXPLOSION HAZARD

Flash Point: >200 DEGREES F (TCC)
Autoignition Temp: 650 DEG F (ESTIMATE)
Flammable Limit: NOT ESTABLISHED
Extinguishing Media: WATER SPRAY, FOAM, DRY CHEMICAL OR CARBON DIOXIDE OR ANY CLASS B EXTINGUISHING AGENT.
Special Fire Fight Proc: WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING. EQUIPMENT SHOULD BE THOROUGHLY CLEANED AFTER USE.

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Fire and Expl Hazard: NONE CURRENTLY KNOWN.

V. HEALTH HAZARD

Carcinogen Information: NONE CURRENTLY KNOWN.

ACUTE EFFECTS OF OVER EXPOSURE

Swallowing: PRACTICALLY NON-TOXIC; ACUTE ORAL LD50 (MOUSE)
= >5,000 MG/KG.
Skin Absorption: PRACTICALLY NON-TOXIC; ACUTE DERMAL LD50
(RABBIT) = >5,000 MG/KG.
Inhalation: SLIGHTLY TOXIC; (RAT 4-HR LC50 - >3.18 MG/L,
THE HIGHEST ATMOSPHERIC CONCENTRATION
ACHIEVABLE IN THIS STUDY.)
Skin contact: SLIGHTLY IRRITATING (RABBIT, 4-HOUR EXPOSURE).
NOT CORROSIVE TO SKIN (RABBIT, 4-HOUR
EXPOSURE).
Eye Contact: NONIRRITATING (RABBIT, 0.0/110.0)
Chronic Effects: INGESTION OF RATTLER HERBICIDE HAS BEEN
REPORTED TO PRODUCE GASTROINTESTINAL DISCOMFORT
WITH IRRITATION OF THE MOUTH, NAUSEA, VOMITING
AND DIARRHEA.
Other Hazard: NONE CURRENTLY KNOWN.

EMERGENCY AND FIRST AID PROCEDURES

Swallowing: THIS PRODUCT WILL PRODUCE GASTROINTESTINAL
IRRITATION. IMMEDIATELY DILUTE BY SWALLOWING
WATER OR MILK. OBTAIN MEDICAL ATTENTION.
Skin: WASH SKIN THOROUGHLY WITH SOAP AND WATER. IF
IRRITATION DEVELOPS, CONSULT A PHYSICIAN.
LAUNDER CLOTHING BEFORE REUSE.
Inhalation: MOVE TO FRESH AIR IF IRRITATION IS NOTED. IF
BREATHING DIFFICULTY DEVELOPS, OBTAIN MEDICAL
ATTENTION IMMEDIATELY.
Eyes: FLUSH EYES WITH WATER FOR 15 MINUTES, HOLDING
EYELIDS OPEN. IF IRRITATION DEVELOPS, CONSULT A
PHYSICIAN.
Notes to Physician: IN THE EVENT OF AN ADVERSE RESPONSE, TREATMENT
SHOULD BE DIRECTED TOWARD CONTROL OF THE
SYMPTOMS.

VI. REACTIVITY

Stability: Stable
Conditions to Avoid: EXCESSIVE TEMPERATURES AND OPEN FLAMES.

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Polymerization: Will Not Occur
Conditions to Avoid: NONE CURRENTLY KNOWN.
Incompatibility material: THIS PRODUCT SHOULD BE MIXED, STORED OR APPLIED ONLY IN STAINLESS STEEL, FIBERGLASS, PLASTIC OR LINED CONTAINERS.
Hazardous Combustion: MAY PRODUCE OXIDES OF CARBON UNDER FIRE CONDITIONS.

VII. SPILL OR LEAK PROCEDURES

Spill or Leak Proc: LIQUID SPILLS ON FLOORS SHOULD BE DIKED OR CONTAINED, AND ABSORBED WITH CLAY ABSORBENT. COLLECT CONTAMINATED ABSORBENT AND PLACE IN PLASTIC-LINED CONTAINER FOR PROPER DISPOSAL. SCRUB FLOOR WITH A STRONG INDUSTRIAL DETERGENT SOLUTION.
Waste Disposal Method: THIS MATERIAL MUST BE DISPOSED OF ACCORDING TO FEDERAL, STATE, OR LOCAL PROCEDURES UNDER THE RESOURCE CONSERVATION AND RECOVERY ACT.

VIII. SPECIAL PROTECTION INFORMATION

Respiration: IF SPRAY IS PRESENT, USE NIOSH/MSHA APPROVED RESPIRATORY PROTECTION FOR PESTICIDE VAPOR OR MIST.
Ventilation: LOCAL EXHAUST SUFFICIENT
Gloves: IMPERVIOUS
Eyes: CHEMICAL SPLASH GOGGLES.
Other: EYE WASH STATION, IMPERVIOUS APRON AND FOOTWEAR.

IX. SPECIAL PRECAUTIONS

Special precaution: KEEP OUT OF REACH OF CHILDREN. DO NOT STORE WITH FOOD, FEED, OR OTHER MATERIAL TO BE USED OR CONSUMED BY HUMANS OR ANIMALS. DO NOT CONTAMINATE WATER SUPPLIES, LAKES, STREAMS, OR PONDS. DO NOT MIX, STORE OR APPLY THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT IN GALVANIZED OR UNLINED STEEL (EXCEPT STAINLESS STEEL) CONTAINERS OR SPRAY TANKS. THIS PRODUCT OR SPRAY SOLUTIONS OF THIS PRODUCT REACT WITH SUCH CONTAINERS AND TANKS TO PRODUCE HYDROGEN GAS WHICH MAY FORM A HIGHLY COMBUSTIBLE GAS MIXTURE. THIS GAS MIXTURE COULD FLASH OR EXPLODE, CAUSING SERIOUS PERSONAL INJURY, IF

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IGNITED BY OPEN FLAME, SPARK OR OTHER IGNITION
SOURCE.

Other precaution: THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL
SUBJECT TO THE REPORTING REQUIREMENTS OF
SECTION 313 OF TITLE III OF THE SUPERFUND
AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND
40 CFR PART 372.

X. SHIPPING INFORMATION

Shipping name: NOT REGULATED BY DOT, IATA, OR IMDG.
Hazard Class: NONE
Identification No: NONE
Labels Required: NONE REQUIRED
Placarding: NONE REQUIRED
Freight Class: COMPOUND, WEED KILLING LIQUID, NOIBN(NMFC ITEM
50320, CLASS 60)

Chemical Name	Equivalent R.Q.
----- NOT APPLICABLE	----- NOT APPLICABLE

XI. GENERAL PRODUCT INFORMATION

National Fire Protection Association Rating:
(Rating level: 4-Extreme, 3-High, 2-Moderate, 1-Slight, 0-Minimum)

Health: 1 Fire: 0 Reactivity: 0

S.A.R.A. Title III Hazard Classification: (Yes/No)

Immediate (Acute) Health: Y	Delayed (Chronic) Health: N
Sudden Release of pressure: N	Fire: N
Reactive: N	

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