

2-9-06

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MATERIAL SAFETY DATA SHEET

CLEAROUT 41 PLUS

The OSHA Hazard Communication Standard, 29 CFR 1910.1200, requires that the information contained on this sheet be made available to your workers. Instruct your workers to handle this product properly in accordance with this information.

PRODUCT IDENTIFICATION

TRADE NAMES: CLEAROUT 41 PLUS

DESCRIPTION: Broad Spectrum Herbicide

NFPA RATING: 2 - Health 0 - Flammability 0 - Reactivity
0 = Insignificant 1 = Slight 2 = Moderate 3 = High 4 = Extreme

HAZARDOUS CONSTITUENTS

ACTIVE INGREDIENT:

*Glyphosate, N-(phosphonomethyl) glycine, in the form of its isopropylamine salt.....	41%
INERT INGREDIENTS (including surfactant)	59%
	100%

*Contains 480 grams per liter or 4 pounds per U.S. gallon of the active ingredient glyphosate, in the form of its isopropylamine salt. Equivalent to 356 grams per liter or 3 pounds per U.S. gallon of the acid, glyphosate.

PRECAUTIONARY LABELING

PRECAUTIONARY STATEMENTS

Keep out of reach of children

DANGER PELIGRO

PRECAUTIONARY LABELING(continued)

Hazards to Humans and Domestic Animals

CORROSIVE: Causes irreversible eye damage. Harmful if swallowed or absorbed through the skin. Do not get in eyes or on clothing. Avoid contact with skin.

FIRST AID

IF Swallowed: Call a poison control center or doctor immediately for treatment advise. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advise.

IF ON SKIN: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment.

Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

DOMESTIC ANIMALS: This product is considered to be relatively nontoxic to dogs and other domestic animals; however, ingestion of this product or large amounts of freshly sprayed vegetation may result in temporary gastrointestinal irritation (vomiting, diarrhea, colic, ect.). If such symptoms are observed, provide the animal with plenty of fluids to prevent dehydration. Call a veterinarian if symptoms persist for more than 24 hours.

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FIRST AID INFORMATION(continued)

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HEALTH HAZARD INFORMATION

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TOXICOLOGICAL DATA

ORAL-RAT, LD50, 10537 mg/kg
SKIN-RAT, LD50, 7500 mg/kg
EYE-RABBIT, DANGER OF SEVERE DAMAGE

PHYSICAL DATA

COLOR:	Colorless-tan, clear liquid	FREEZING POINT:	0°C
SP. GRAVITY:	1.169	BOILING POINT:	100°C
SOLUBILITY:	Complete	pH @ 1% dil.	4.7

FIRE AND EXPLOSIVE HAZARDS

FLASHPOINT: None

EXTINGUISHING MEDIA Water spray, foam, carbon dioxide or dry chemical

SPECIAL FIRE-FIGHTING INSTRUCTIONS Wear SCBA and protective clothing to prevent contact with skin or eyes.

SPECIAL FIRE-FIGHTING PRECAUTIONS Wear self contained breathing apparatus. Emits toxic fumes under fire conditions.

REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizing agents.

THERMAL DECOMPOSITION: At elevated temperatures may cause release of carbon monoxide, carbon dioxide, nitrogen oxides, phosphorus oxides, and/or phosphine.

INCOMPATIBLE MATERIALS: Mix, spray, apply and store solutions of this product only in stainless steel, fiberglass, plastic or plastic lined containers.

DO NOT MIX, APPLY OR STORE THIS PRODUCT OR SOLUTIONS OF THIS PRODUCT IN GALVANIZED OR UNLINED STEEL TANKS OR SPRAYERS, such containers can react with product to produce combustible hydrogen gas.

PERSONNEL PROTECTION EQUIPMENT(PPE)

Applicators and other handlers must wear eye protection, long-sleeved shirt and long pants, shoes, socks, and chemical resistant gloves (such as nitrile, butyl, neoprene, and/or barrier laminate.) Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this products concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in Worker Protection Standard(WPS) for agricultural pesticides[40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

Use Safety Recommendations:

Users should:

1. Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing
3. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

SPILL AND LEAK PROCEDURES

LARGE QUANTITIES Evacuate the area. Enclose spill with diking material; prevent discharge into surface waters or onto exposed soil.

SMALL QUANTITIES Soak up with absorbent material and remove to an appropriate waste disposal facility.

WASTE DISPOSAL Comply with Federal, State and local manifesting and disposal requirements.

STORAGE AND SHIPPING

STORAGE Keep well-sealed, at temperatures above 0°C and below 40°C.

DOT CLASSIFICATION Not Regulated.
Proper Shipping Name none
Primary Hazard Class/Division none
UN/NA Number none
Packing Group none
U.S. Surface Freight Class: Tree or weed killing compounds, NOI,
Density of 20 lbs. or greater per cu. ft.

AIR(ICAO/IATA)
Proper Shipping Name not regulated

REGULATORY INFORMATION

TSCA The ingredients of this mixture all appear on the TSCA Inventory.

EPA FIFRA 1988 Pesticide subject to registration or re-registration FIREAL
54,7740,89

SARA 311/312 Reactive hazard: no Fire hazard: no
Pressure hazard: no Immediate/acute: yes
Delayed/chronic: no

SARA 302 Contains an extremely hazardous substance: no
SARA 313 This product is not subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and 40 CFR 372. This information must be included in all MSDS's that are copied and distributed for this material.

REGULATORY INFORMATION(continued)

CERCLA Regulated Components	Ethylene Glycol	107-21-1	< 0.6%	RQ(Lb)=5000
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