

MONSANTO CO -- ROUNDUP HERBICIDE -- 6840-01-108-9578

===== Product Identification =====

Product ID:ROUNDUP HERBICIDE

MSDS Date:08/01/1989

FSC:6840

NIIN:01-108-9578

MSDS Number: BGMFR

=== Responsible Party ===

Company Name:MONSANTO CO

Address:800 N LINDBERGH BLVD

City:ST LOUIS

State:MO

ZIP:63141

Country:US

Info Phone Num:314-694-4000

Emergency Phone Num:314-694-4000

CAGE:76541

=== Contractor Ident

ification ===

Company Name:ABC SUPPLY CO

Address:654 S WHEELING

Box:334

City:WHEELING

State:IL

ZIP:60090

Country:US

Phone:708-459-7788

CAGE:1EV32

Company Name:MONSANTO COMPANY

Address:800 N LINDBERGH BLVD

Box:City:SAINT LOUIS

State:MO

ZIP:63167

Country:US

Phone:314-694-6661 OR 800-332-3111

CAGE:76541

Company Name:TIMBERLINE ENTERPRISES

CAGE:1BH45

===== Composition/Information on Ingredients =====

Ingred Name:ISOPROPYLAMINE SALT OF GLYPHOSATE

CAS:38641-94-0

RTECS #:MC1080000

F

raction by Wt: 41%

Ingred Name:SURFACTANT (TYPE PROPRIETARY)

Ingred Name:INERT INGREDIENTS

Fraction by Wt: 59%

===== Hazards Identification =====

LD50 LC50 Mixture:ORAL RAT LD50 5000 MG/KG

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:EYES:MAY CAUSE IRRITATION.SKIN:ROUNDUP

MAY BE DERMALLY ABSORBED IN HARMFUL AMOUNTS.MAY CAUSE

IRRITATION.INGEST:MAY CAUSE G

I TRACT IRRITATION.MAY CAUSE LUNG

DAMAGE IF VOMITED AFTER INGESTING.INHAL:MAY CAUSE RESPIRATORY

IRRITATION.

Effects of Overexposure:INGEST:NAUSEA,VOMITING,DIARRHEA,LOW BLOOD

PRESSURE.

Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING

RESPIRATORY AILMENTS MAY BE AT INCREASED RISK FROM EXPOSURE.

===== First Aid Measures =====

First Aid:SKIN:REMOVE CONTAMINATED CLOTHING;WASH WITH WATER.EYES:FLUSH
WITH WATER FOR 15 MINUTES.INHA

L:REMOVE TO FRESH AIR.GIVE OXYGEN OR

ARTIFICIAL RESPIRATION IF NEEDED.INGEST:DO NOT INDUCE VOMITING.GET

PROMPT QUALIFIED MEDICAL ATTENTION.IF CONSCIOUS,GIVE WATER OR MILK

TO DILUTE.

===== Fire Fighting Measures =====

Flash Point Method:TCC

Flash Point:>200F/93C

Extinguishing Media:WATER SPRAY,FOAM,DRY CHEMICAL,CARBON DIOXIDE (ANY
CLASS B FIRE EXTINGUISHING AGENT)

Fire Fighting Procedures:USE A SELF-CONTAINED BREATHING APPARATUS AND
FULL PR

OTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard:EQUIPMENT SHOULD BE THOROUGHLY CLEANED AFTER USE.

===== Accidental Release Measures =====

Spill Release Procedures:SOAK UP WITH NON-COMBUSTIBLE INERT ADSORBANT(EG.CLAY);PLACE COLLECTED MATERIEL IN AN APPROPRIATE CONTAINER FOR DISPOSAL.DO NOT CONTAMINATE FOOD.DO NOT DISCHARGE TO SEWER.

Neutralizing Agent:NONE

===== Handling and Storage =====

Handling and Storage Pre

cautions:MAY BE STORED 5 YR OR LONGER IN NORMAL HEATED OR UNHEATED WARE HOUSES. DO NOT STORE OR USE IN STEEL,GALVANIZED OR SIMILAR CONTAINERS.

Other Precautions:STAINLESS STEEL OR PLASTIC LINED CONTAINERS ARE ACCEPTABLE. DO NOT ALLOW TO CONTAMINATE WATER,FOODSTUFF,FEED OR SEED DURING STORAGE,OR HANDLING.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:USE NIOSH RESPIRATOR FOR PESTICIDE VAPOR/MIST DURING SPRAYING OPERATIONS.

Ventilation:NO SPECIAL VENTILATION RECOMMENDED.

Protective Gloves:RUBBER,IMPERVIOUS

Eye Protection:CHEMICAL GOGGLES

Other Protective Equipment:WEAR LONG SLEEVE,LONG PANTS. REMOVE CONTAMINATED CLOTHING AND LAUNDER BEFORE REUSE.PROVIDE EYE WASH STATION.

Work Hygienic Practices:WASH HANDS.SEPERATE WORK CLOTHES FROM STREET CLOTHES.LAUNDER WORK CLOTHES BEFORE REUSE.KEEP FOOD OUT OF THE WORK AREA.

Supplemental Safety and Health
MFR I.D. FOR MSDS:M00007588.

===== Physical/Chemic

al Properties =====

HCC:T5

Spec Gravity:1.17

pH:4.4-5

Appearance and Odor:CLEAR,VISCOUS,AMBER COLORED LIQUID,VERY FAINT AMINE ODOR.

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
CAUSTICS.

Stability Condition to Avoid:GALVANIZED OR UNLINED STEEL(ITEM CAN REACT TO FORM EXPLOSIVE HYDROGEN GAS).

Hazardous Decomposition Products:MANUFACTURER STATES NONE.

===== Disposal Considerations =====

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Waste Disposal Methods:DISPOSE I/A/W FEDERAL,STATE,LOCAL REGULATIONS.
DISPOSE AS PESTICIDE. DO NOT CONTAMINATE WATER SUPPLIES. EPA
REG.NO.524-308 DO NOT ALLOW TO CONTAMINATE WATER,FOODSTUFF,FEED,OR
SEED DURING DISPOSAL.

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