

MONSANTO INDUSTRIAL CHEMICALS CO -- ROUNDUP READY-TO-USE WEED AND GRASS KILLER
-- 6840-01-377-7113

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

Product ID:ROUNDUP READY-TO-USE WEED AND GRASS KILLER

MSDS Date:11/01/1993

FSC:6840

NIIN:01-377-7113

MSDS Number: BSRGM

=== Responsible Party ===

Company Name:MONSANTO INDUSTRIAL CHEMICALS CO

Address:755 PAGE MILL RD

Box:5008

City:PALO ALTO

State:CA

ZIP:94303

Count

ry:US

Info Phone Num:800-225-2883

Emergency Phone Num:CALL COLLECT: 314-694-4000

CAGE:50522

=== Contractor Identification ===

Company Name:EHRlich J C CHEMICAL CO INC

Address:500 SPRING RIDGE DR

Box:City:READING

State:PA

ZIP:19612-3848

Country:US

Phone:610-372-9700/FAX: 610-378-9744

CAGE:8C885

Company Name:EMULTEC INDUSTRIAL PRODUCTS INC

Address:1150 HAYDEN DR SUITE 100

Box:City:CHARROLLTON

State:TX

ZIP:75006

Country:US

Phone:972-417-1288

CAGE:0WA27

Company Name:MONSANTO INDUSTRIAL CHEMICALS CO

Address:755 PAGE MILL RD
Box:City:PALO ALTO
State:CA
ZIP:94303
Country:US
Phone:800-225-2883
CAGE:50522

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Composition/Information on Ingredients
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Ingred Name:GLYSOPHOSATE,N-PHOSPHONOMETHYLGLCYNE,ISOPROPYL AMINE SALT,
CAS:1071-83-6
Fraction by Wt: 0.96%
Other REC Limits:NONE RECOMMENDED

Ingred Name:INERT INGREDIENTS
Fraction by Wt: 99.04%
Other REC Limits:NONE RECOMMENDED

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Hazards Identification
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LD50 LC50 Mixture:LD50(RA
T)=>5000MG/KG
Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:SKIN/EYE:DOES NOT PRESENT SIGNIFICANT
IRRIT OR TOXICITY. INGEST:MAY CAUSE GI TRACT IRRIT. CHRONIC:NONE
SPECIFIED BY MANUFACTURER.
Effects of Overexposure:INGEST:GI DISCOMFORT, NAUSEA, VOMITING,
DIARRHEA.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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First Aid Measures
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First Aid:EYE:FLUSH W/WATER FOR @ LEAST 15MINS LIFTING EYELIDS.
SKIN:FLUSH W/WATER. INGEST:GET IMMED MEDICAL ATTN. INHAL:STOP
USAGE. REMOVE TO FRESH AIR. IN ALL CASES SEEK MEDICAL ATTN.

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Fire Fighting Measures
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Flash Point Method:TCC
Flash Point:>212F,>100C
Lower Limits:NONE SPECIF.
Upper Limits:NONE SPECIF.
Extinguishing Media:WATER SPRAY, FOAM, DRY CHEMICAL, CARBON DIOXIDE, OR
OTHER CLASS B EXTINGUISHING AGENT.
Fire Fighting

Procedures:THOSE WHO MAY BE EXPOSED TO VAPORS, MISTS, OR PRODUCTS OF COMBUSTION SHOULD WEAR A SELF-CONTAINED BREATHING APPARATUS. CLEAN EQUIPT AFTER USE.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:SOAK UP WITH PAPER TOWELS AND SICARD IN TRASH. DO NOT CONTAMINATE WATER, FOODSUTFFS, SEED OR FEED BY STORAGE OR DISPOSAL.

===== Handling and Storage =====
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Handling and Storage Precautions:DO NOT REUSE EMPTY BOTTLE EXCEPT FOR REFILL IAW DIRECTIONS ON BOTTLE. USE & STORE PRODUCT ONLY IN ITS ORIGINAL CONTAINER AND SECURE STORAGE AREA.

Other Precautions:READ AND FOLLOW DIRECTIONS ON LABEL OF PRODUCT.

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

Respiratory Protection:RESPIRATORY PROTECTION IS NOT REQUIRED FOR NORMAL USE AND HANDLING.

Ventilation:NO SPECIAL PRECAUTIONS ARE RECOMMENDED.

Protective

Gloves:NONE SPECIFIED BY MANUFACTURER.

Eye Protection:NONE SPECIFIED BY MANUFACTURER.

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER HANDLING. DO NOT USE NEAR FOODSTUFF.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:NONE SPECI.

Melt/Freeze Pt:M.P/F.P Text:NONE SPECI.

Decomp Temp:Decomp Text:NONE SPECI.

Vapor Pres:NONE SPEC.

Vapor Density:NONE SPE

C.
Spec Gravity:1.0055G/ML
pH:6.5,1%

Evaporation Rate & Reference:NONE SPECIFIED BY MANUFA.
Solubility in Water:NONE SPECIFIED BY M.
Appearance and Odor:HAZY, YELLOW OR OFF-WHITE LIQUID.

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

Stability Indicator/Materials to Avoid:YES
NONE SPECIFIED BY MANUFACTURER.
Stability Condition to Avoid:FREEZING TEMPERATURES.
Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

===== Disposal Considerations
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Waste Disposal Methods:DISPOSE OF PARTIALLY FILLED OR EMPTY PRODUCT
CONTAINER BY SECURELY WRAPPING IT IN SEVERAL LAYERS OF NEWSPAPER
AND DISCARD IN TRASH. READ AND FOLLOW DIRECTIONS ON ROUNDUP
READY-TO-USE WEED & GRASS KILL ER LABEL.

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