

SOLARIS GROUP OF MONSANTO COMPANY -- ROUNDUP(R) READY-TO-USE WEED & GRASS  
KILLER PN:6035 -- 6840-01-377-7113

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

Product ID:ROUNDUP(R) READY-TO-USE WEED & GRASS KILLER PN:6035

MSDS Date:03/27/1995

FSC:6840

NIIN:01-377-7113

MSDS Number: CCMKX

=== Responsible Party ===

Company Name:SOLARIS GROUP OF MONSANTO COMPANY

Box:5008

City:SAN RAMON

State:CA

ZIP:94583-0808

Count

ry:US

Info Phone Num:800-225-2883

Emergency Phone Num:800-454-2333

CAGE:NO552

=== Contractor Identification ===

Company Name:SOLARIS GROUP OF MONSANTO COMPANY

Box:5008

City:SAN RAMON

State:CA

ZIP:94583-0808

Country:US

Phone:800-454-2333

CAGE:NO552

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

Ingred Name:N-(PHOSPHNOMETHYL)GLYCINE, MONOISOPROPYLAMINE

SALT;(GLYPHOSATE,ISOPORPYLAMINE SALT OF N-(PHOSPHONOMETHYL)GLYCINE.

CAS:38641-94-0

RTECS #:MC1080000

Fraction by Wt: 0.

96%

Other REC Limits:NONE RECOMMENDED

Ingred Name:INERT INGREDIENTS

Fraction by Wt: 99.04%

Other REC Limits:NONE RECOMMENDED

Ingred Name:POTASSIUM HYDROXIDE (CERCLA) SOLUTION

CAS:1310-58-3

RTECS #:TT2100000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:C 2 MG/M3

ACGIH TLV:C 2 MG/M3; 9596

EPA Rpt Qty:1000 LBS

DOT Rpt Qty:1000 LBS

Ingred Name:ETHOXYLATED TALLOWAMINES

CAS:61791-26-2

RTECS #:WW3150000

Other REC Limits:NONE RECOMMENDED

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LD50 LC50 Mixture:RAT ODRAL LD50>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:EYE:NOT EXPECTED TO CAUSE

PROLONG/SIGNIFICANT IRRIT.SKIN:NOT EXPECTED TO CAUSE

IRRIT.INGEST:PRODUCT MAY CAUSE GASTROINTESTINAL TRACT

IRRIT.INHAL:CONSIDERED PRACTICALLY NON-TOXIC TO INTERNAL ORGANS.MAY IRRIT.

Effects of Overexposure:INGEST SIMILAR BUT MORE CONC FORMULATION HAS BEEN REPO

RTED TO PRODUCE GASTROINTESTINAL

DISCOMFORT,NAU,VOMIT,DIARR.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYE:NO 1ST AID REQUIRED.HOWEVER PRECAUT FLUSH W/FRESH WATER 15MINS.REMOVE CONTACT LENSES IF WORN.SKIN:NO 1ST AID

REQUIRED.PRECAUT WASH WELL W/SOAP/WATER.REMOVE CONTAM

CLOTH.INGEST:IMMED CALL POIS CNTRL CNTR/EMERG TREAT CNTR/DR FOR ADVICE.DON'T INDUCE VOMIT UNLESS TOLD SO

BY MED PERSON.CAN'T GET

MED ADVICE IMMEDIATE TAKE VICTIM/PROD CNTNR W/LABEL TO EMERG TREAT CNTR.INHAL:NOT EXPECTED TO BE IMMEDIATE (SUPPL)

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

Flash Point Method:TCC

Flash Point:>212F,>100C

Autoignition Temp:Autoignition Temp Text:NP

Lower Limits:NP

Upper Limits:NP

Extinguishing Media:WATER SPRAY, FOAM, CO2, DRY CHEMICAL, OR ANY CLASS B EXTINGUISHING AGENT.

Fire Fighting Procedures:DON'T ENTER ENCLSD/CONF SPACES W/O PPE.MAY

INCLUDE SCBA TO PROTECT AGAINST HAZ EFFECTS OF NORMAL COMBUST PROD/OXY DEFICIENCY.CLEAN EQMPT WELL AFT USE.READ DOC.

Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:SM:SOAK UP W/PAPER TOWELS.DISCARD IN

TRASH.LG:CONTAIN/DIKE.ABSORB W/ATTAPULGITE,BENTONITE/OTHER ABSORB

CLAY.COLLECT ABSORBENT,PLACE IN PLASTIC-LINED METAL DR.DISPOSE IAW INSTRUCTION IN DISPOSE SEC.SCRUB WELL F

LOOR/IMPERV SURFACE W/STRONG  
INDUSTRIAL(SUPP)

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:KEEP IN ORIGINAL CNTNR. >24OZ:PLACE  
SPRAYER NOZZ UNDER HANDLE SO NOT BELOW LEVEL OF CONTENTS OF CNTNR  
TO PREVENT LEAKAGE.STORE IN SECURE,LOCK,STORAGE.

Other Precautions:PROTECT FROM FREEZ.KEEP OUT OF REACH OF  
CHILDREN.DON'T CONTAM WATER/FOODSTUFF/FEED BY STORAGE/DISPO.AVOID  
PROL/  
FREQ REP SKIN CONTACT.DON'T APPLY DIRECTLY TO WATER.DON'T  
RESUE CNTNR EXCEPT REFILL PER I NSTRUCT.RINSE WELL BEF DISCARD IN  
TRASH.

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

Respiratory Protection:HDN LG NOT LIKELY TO PRESENT AIRBORNE EXPO  
CONCERN DURING NORMAL HDN LG.ACCIDENTAL DISCHARGE DURING MFG/HDN LG  
PRODUCING HEAVY MIST,SHOULD PUT ON RESP PROT EQPMT.CONSULT RESP MFG  
TO DETERMINE APPROPRIATE TYP.OBSERVE RESP USE LIMITATIONS.

Ventilation:NO SPECI  
AL VENTILATION IS NECESSARY.

Protective Gloves:NO SPECIAL PROTECTION NECESSARY.

Eye Protection:NO SPECIAL PROTECTION IF USED PER INSTRU

Other Protective Equipment:MIN SKIN CONTACT WEAR PROT CLOTH.IN EVENT OF  
ACCIDENTAL DISCHARGE WEAR GOGG/FACESHIELD.

Work Hygienic Practices:WASH THOROUGHLY W/SOAP/WATER AFT HNDLG.WASH  
CONTAMIN CLOTHING.

Supplemental Safety and Health

1ST AID:INHAL:PROBLEM NO 1ST AID REQUIRE.RESP DISCOMFT/IRRIT MOVE TO  
FRESH AIR.SEE DR IF CONT.MED EMERG CALL COLLECT 314-  
694-4000.

SPILL:TYP DETERGENT SOLN.RINSE W/WATER.SOAK INTO GROUND CALL  
APLICABLE AGENCY.LEAK CNTNR,TRANSF TO DR.OBSERVE ALL PRECAUT.  
DISPO:WRAP PARTIALLY FILL CNTNR,INTO TRASH.

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

HCC:T5

Boiling Pt:B.P. Text:NP

Melt/Freeze Pt:M.P/F.P Text:NP

Decomp Temp:Decomp Text:NP

Vapor Pres:NP

Vapor Density:NP

Spec Gravity:1.0055GR/CC

pH:6.5-7

Viscosity:SAME AS WATER

Evaporation Rate & Reference:NP

Solubility in Water:SOLUB

LE.  
Appearance and Odor:YELLOW OR OFF-WHITE HAZY LIQUID.  
Percent Volatiles by Volume:NP  
Corrosion Rate:NP

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

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

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

Waste Disposal Methods:DON'T CONTAM WATER WHEN DISPO OF EQPMT  
WASHWATERS.LG:  
IF CAN'T BE REPROCESSED DISPO OF IN LANDFILL APPROVED  
FOR PESTICIDE DISPO/IAW APPLICABLE FED/STATE/LOC  
PROCEDURES.PROD:RECOMMEND ALL PROD BE USED U P CAREFULLY FOLLOW  
LABEL DIRECT/PRECAUT(SUPPLE)

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