

THE SOLARIS GROUP, DIVISION OF MONSANTO COMPANY -- ORTHO WEED-B-GON WEED KILLER
-- 6840-01-377-7110

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

Product ID:ORTHO WEED-B-GON WEED KILLER

MSDS Date:07/27/1995

FSC:6840

NIIN:01-377-7110

MSDS Number: BXYVB

=== Responsible Party ===

Company Name:THE SOLARIS GROUP, DIVISION OF MONSANTO COMPANY

Box:5008

City:SAN ROMA

State:CA

ZIP:94583-0808

Country:US

Info Phone Nu

m:800-226-2803

Emergency Phone Num:800-226-2803

CAGE:NO550

=== 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

Contract Num:SP0450-00-M-SF55

CAGE:8C885

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

Company Name:THE SOLARIS GROUP, DIVISION OF MONSANTO COMPA

NY
Box:5008
City:SAN ROMA
State:CA
ZIP:94583-0808
Country:US
Phone:800-226-2803
CAGE:NO550

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Composition/Information on Ingredients
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Ingred Name:2,4-D ACID, DIMETHYLAMINE SALT
CAS:2008-39-1
Fraction by Wt: 0.2%
Other REC Limits:NONE RECOMMENDED

Ingred Name:DIMETHYLAMINE SALT OF 2-(2-METHYL-4-CHLOROPHENOXY)PROPIONIC
ACID
CAS:32351-70-5
RTECS #:UA2467000
= Wt:.2

Ingred Name:INERT INGREDIENTS
= Wt:99.36

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Hazards Identification
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LD50 LC50 Mixture:LD50 (RAT) > 5 G/KG
Routes of Entry: Inhalation:NO Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:EYE: THIS SUBSTANCE IS NOT EXPECTED TO
CAUSE EYE IRRITATION. SKIN: HARMFUL IF ABSORBED THROUGH SKIN.
INGEST: IF SWALLOWED, THIS SUBSTANCE IS CONSIDERED PRACTICALLY
NON-TOXIC TO INTERNAL ORGANS. INHALE : THE SYSTEMIC TOXICITY OF
THIS SUBSTANCE HAS NOT BEEN DETERMINED. HOWEVER, IT SHOULD BE
PR
ACTICALLY NON-TOXIC TO INTERNAL ORGANS.
Explanation of Carcinogenicity:NONE LISTED.

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First Aid Measures
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First Aid:EYE: FLUSH WITH FRESH WATER FOR AT LEAST 15 MINUTES WHILE
HOLDING THE EYELIDS OPEN. REMOVE CONTACT LENSES IF WORN. IF
IRRITATION PERSISTS, SEE A DOCTOR. SKIN: WASH WITH PLENTY OF SOAP
AND WATER. INGE ST: GIVE WATER OR MILK TO DRINK AND TELEPHONE FOR
MEDICAL ADVICE. CONSULT MEDICAL PERSONNEL BEFORE INDUCING VOMITING.

IF MEDICAL ADVICE CAN NOT BE OBTAINED, THEN TAKE THE PERSON AND PRODUCT CONTAINER TO THE NEAREST MEDICAL EMERGENCY TREATMENT HOSPITAL. INHALE: SINCE THIS PRODUCT IS NOT EXPECTED TO BE AN IMMEDIATE INHALATION PROBLEM, NO FIRST AID PROCEDURE ARE REQUIRED.

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Fire Fighting Measures
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Flash Point Method:TCC

Flash Point:>93.3C, 200.F

Extinguishing Media:ALCOHOL FOAM, CARBON DIOXIDE, DRY CHEMICAL, WATER FOG.

Fire Fighting Procedures:MINIM

IZE AMOUNT OF WATER USED FOR FIRE

FIGHTING. DO NOT ENTER ANY ENCLOSED AREA WITHOUT FULL PROTECTIVE EQUIPMENT, INCLUDING SELF-CONTAINED BREATHING EQUIPMENT.

Unusual Fire/Explosion Hazard:THIS MATERIAL WILL NOT BURN. SMOKE FROM FIRES INVOLVING THIS MATERIAL MAY PRESENT UNUSUAL HAZARDS. AVOID BREATHING SMOKE AND MISTS. AVOID CONTACT WITH FALLOUT.

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Accidental Release Measures
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Spill Release Procedures:SMALL SPILL: SOAK UP SPILLED MATERIAL WITH

PAPER TOWELS AND DISCARD IN TRASH. LARGE SPILL: LIQUID SPILLS ON FLOOR OR OTHER IMPERVIOUS SURFACES SHOULD BE CONTAINED OR DIKED, AND SHOULD BE ABSORBED WITH APPROPRIATE ABSORBENT, CLAYS. COLLECT CONTAMINATED ABSORBENT, PLACE IN PLASTIC-LINED METAL DRUM AND DISPOSE OF IN ACCORDANCE WITH REGULATIONS.

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Handling and Storage
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Handling and Storage Precautions:KEEP PESTICIDE IN ORIGINAL CONTAINER.

DO NOT PUT CONCENTRATE OR DIL

UTE INTO FOOD OR DRINK CONTAINERS.

STORE IN SECURE, PREFERABLY LOCKED, STORAGE AREA. PROTECT CONTAINER FROM FREEZING.

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Exposure Controls/Personal Protection
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Respiratory Protection:NO SPECIAL RESPIRATORY PROTECTION IS NORMALLY REQUIRED. USE APPROPRIATE RESPIRATOR IS RECOMMENDED EXPOSURE LIMIT IS EXCEEDED.

Ventilation:NORMAL VENTILATION, USE SPECIAL VENTILATION TO KEEP BELOW EXPOSURE LIMIT. USE SPECIAL VENTILATION IF EXPOSURE LIMIT IS EXCEEDED

Protective Gloves:RECOMMENDED

Eye Protection:WEAR GOGGLES OR FACE SHIELD.

Other Protective Equipment:LONG SLEEVE SHIRT, SOCKS, SHOES.

Supplemental Safety and Health

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

HCC:T5

Boiling Pt:=98.9C, 210.F

Melt/Freeze Pt:=-1.1C, 30.F

Vapor Pres: