

OLIN HUNT SPECIALTY PRODUCTS DIV OLIN CORPORATION -- ULTRA 2 DVLPR-REPLNSHR,PART B
(NEW FORMULA) -- 6750-01-004-6632

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

Product ID:ULTRA 2 DVLPR-REPLNSHR,PART B (NEW FORMULA)

MSDS Date:06/11/1987

FSC:6750

NIIN:01-004-6632

MSDS Number: BGCRX

=== Responsible Party ===

Company Name:OLIN HUNT SPECIALTY PRODUCTS DIV OLIN CORPORATION

Address:5 GARRET MOUNTAIN PLAZA

Cit

y:WEST PATERSON

State:NJ

ZIP:07424

Country:US

Info Phone Num:203-789-5436

Emergency Phone Num:1-800-654-6911

CAGE:OLINH

=== Contractor Identification ===

Company Name:FUJI HUNT PHOTOGRAPHIC CHEMICALS INC

Address:W 115 CENTURY RD

Box:988

City:PARAMUS

State:NJ

ZIP:07653-0988

Country:US

Phone:201-967-9603

CAGE:73877

Company Name:OLIN HUNT SPECIALTY PRODUCTS INC.

Address:5 GARRET MOUNTAIN PLAZA

City:WEST PATERSON

State:NJ

ZIP:07424

Country:US

Phone:203-789-5436

CAGE:OLINH

===== Composition

/Information on Ingredients =====

Ingred Name:SODIUM FORMALDEHYDE BISULFITE, WT% RANGE 25-30%. LD50 (LOW)
3200 MG/KG
CAS:870-72-4
RTECS #:PB2200000
Fraction by Wt: 27.5%

Ingred Name:HYDROQUINONE (SARA III)
CAS:123-31-9
RTECS #:MX3500000
Fraction by Wt: 12.5%
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3; 9192
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:2-METHOXYETHANOL (EGME) (SARA III)
CAS:109-86-4
RTECS #:KL5775000
Fraction by Wt: 3%
OSHA PEL:S, 25 PPM
ACGIH TLV:S, 5 PPM; 9192

Ingred
Name:SODIUM SULFITE, WT% RANGE 1-5%. LD50 (LOW) 2825 MG/KG
CAS:7757-83-7
RTECS #:WE2150000
Fraction by Wt: 3%

Ingred Name:BORIC ACID, WT% RANGE 1-5%. LD50 2660 MG/KG (ORAL RAT)
CAS:10043-35-3
RTECS #:ED4550000
Fraction by Wt: 3%

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:MAY CAUSE EYE-SKIN BURNS & IRRITATION,
ANEMIA, DERM

ATITIS, BIRTH DEFECTS. MAY AFFECT REPRODUCTIVE SYSTEM,
CNS & BLOOD.

Effects of Overexposure:EYE: BURNS, MODERATE TO SEVERE IRRITATION.
SKIN: IRRITATION, DERMATITIS. INHALATION: IRRITATION OF MUCOUS
MEMBRANES, UPPER RESPIRATORY TRACT. INGESTION: GI TRACT IRRITATION,
NAUSEA, VOMITING, DIARRHEA . MATERIAL IS FETOTOXIC AND TERATOGENIC.
Medical Cond Aggravated by Exposure:ANY PREEXISTING ALLERGY,
SENSITIVITY OR ORGAN DYSFUNCTION.

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===== First Aid Measures =====
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First Aid:EYE: FLUSH 15 MINUTES W/AMPLE WATER. SKIN:WASH SOAP & WATER.
INHALATION:REMOVE TO FRESH AIR, GIVE OXYGEN OR ARTIFICIAL
RESPIRATION AS REQUIRED. INGESTION: IF CONSCIOUS, GIVE AMPLE WATER
AND INDUCE VOM ITING. NOTHING BY MOUTH IF UNCONSCIOUS.CALL A
PHYSICIAN IMMEDIATELY ALL CASES.

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

Flash Point:NONE
Extinguishing Media:WATER SPRAY, DRY CHEMICAL, ALCOHOL FOAM, CARBON
DIOXIDE.
Fire
Fighting Procedures:COOL EXPOSED CONTAINERS W/WATER SPRAY. USE
SCBA RESPIRATOR POSITIVE PRESSURE MODE.

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

Spill Release Procedures:USE SCBA RESPIRATOR PP MODE. WEAR ALL
PRESCRIBED PROTECTIVE GEAR. STOP LEAK, CONFINE SPILL, COLLECT
SPILLAGE WITH ABSORBENT, PLACE IN CLOSABLE CONTAINER. WASH DOWN
SPILL AREA WITH DETERGENT SOLUTION T O DRAIN.

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

Handli
ng and Storage Precautions:STORE IN COOL, DRY, WELL VENTILATION
AREA. AVOID CONTACT W/OXIDIZING AGENTS. AVOID EYE-SKIN CONTACT. DO
NOT INHALE OR INGEST.

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

Respiratory Protection:USE SCBA RESPIRATOR PP MODE FOR FIREFIGHTING OR
SPILL CLEANUP.
Ventilation:LOCAL EXHAUST.
Protective Gloves:IMPERVIOUS.
Eye Protection:GOGGLES, FACE SHIELD.
Other Protective Equipment:IMPERVIOUS COVERALLS, APRON.
Work Hygienic Practices:AVOID

EYE-SKIN CONTACT. DO NOT INHALE OR
INGEST. WASH THOROUGHLY AFTER USE. LAUNDRY WORK CLOTHING BEFORE
REUSE.

Supplemental Safety and Health

OLIN-HUNT PRODUCT CAT# IS 812420. PACKAGE MAKES 30 GL OF MIX. THIS PNI
C IS NEW FORMULA PART B OF TWO-PART KIT AND IS TO BE USED W/PART A.
OLD FORMULA PART B (PNI B) NOT MANUFACTURED AFTER JUN87.

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

HCC:N1

Boiling Pt:B.P. Text:212F/100C

Vapor Pres:15

Spec Gravity:1.29

pH:6.7

Eva

poration Rate & Reference:1 (WATER=1)

Solubility in Water:COMPLETE

Appearance and Odor:COLORLESS LIQUID, FAINT FORMALDEHYDE ODOR.

Percent Volatiles by Volume:45

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

Stability Indicator/Materials to Avoid:YES

STRONG ACIDS, ALKALIS, OXIDIZERS.

Stability Condition to Avoid:EXCESS HEAT.

Hazardous Decomposition Products:STRONG HEATING WILL RELEASE
FORMALDEHYDE AND SULFUR DIOXIDE VAPORS.

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

Waste Disposal Methods:LANDFILL IAW ALL LAWS & REGS.

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