

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

City:W

EST 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/In

formation 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, DERMATITIS

TIS, 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.

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

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.

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

Flash Point:NONE

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

Fire Fig

hting Procedures:COOL EXPOSED CONTAINERS W/WATER SPRAY. USE  
SCBA RESPIRATOR POSITIVE PRESSURE MODE.

===== 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.

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

Handling

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

===== 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. LAUNDER 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

Evapor

ation 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, ALKALAI, OXIDIZERS.

Stability Condition to Avoid:EXCESS HEAT.

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

===== Disposal Considerati  
ons =====

Waste Disposal Methods:LANDFILL IAW ALL LAWS & REGS.

Disclaimer (provided with this information by the compiling agencies):

This information is formulated for use by elements of the Department  
of Defense. The United States of America in no manner whatsoever,  
expressly or implied, warrants this information to be accurate and  
disclaims all liability for its use. Any person utilizing this  
document should seek competent professional advice to verify and  
assume re

sponsibility for the suitability of this information to their particular situation.