

E I DUPONT DE NEMOURS & INC -- ENAMEL REDUCER, 7065S

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MSDS Safety Information  
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FSC: 8010  
MSDS Date: 01/01/1996  
MSDS Num: CDPSG  
LIIN: 00N077093  
Product ID: ENAMEL REDUCER, 7065S  
MFN: 01  
Responsible Party  
Cage: 0ERJ7  
Name: E I DUPONT DE NEMOURS & CO INC  
Address: 1007 MARKET ST  
City: WILMINGTON DE 19899  
Info Phone Number: 800-441-7515  
Emergency Phone Number: 800-441-3637;800-424-9300(CHEMTREC)  
Published: Y

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Contractor Summary  
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Cage: 0ERJ7  
Name: E I DUPONT DE NEMOURS & CO, INC.  
Address: 1007 MARKET STREET  
City: WILMINGTON DE 19898  
Phone: 800-441-7515  
Cage: 18873  
Name: E.I. DUPONT DE NEMOURS & CO (INC)  
Address: 1007 MARKET STREET  
City: WILMINGTON DE 19898  
Phone: 800-441-7515

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Ingredients  
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Cas: 67-64-1  
RTECS #: AL3150000  
Name: ACETONE (SARA 313) (CERCLA) VP: 184.0 @ 20C.  
OSHA PEL: 1000 PPM  
ACGIH TLV: 750PPM/1000STEL;9495  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS

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Cas: 141-78-6  
RTECS #: AH5425000  
Name: ACETIC ACID, ETHYL ESTER; (ETHYL ACETATE) (CERCLA) VP: 76.0 @ 20C  
OSHA PEL: 400 PPM  
ACGIH TLV: 400 PPM; 9495  
EPA Rpt Qty: 5000 LBS  
DOT Rpt Qty: 5000 LBS

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Cas: 78-93-3  
RTECS #: EL6475000  
Name: 2-BUTANONE; (METHYL ETHYL KETONE) (SARA 313) (CERCLA) VP: 71.0 @ 20C  
% Wt: 2  
OSHA PEL: 200 PPM  
ACGIH TLV: 200 PPM/300STEL;9495  
EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

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RTECS #: 9999999VO

Name: VOLATILE ORGANIC COMPOUND: 7.4  
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Name: RESP PROT:OPERATIONS ARE TYPICAL/PROPER RESPIRATOR FIT IS NOT POSSIBLE,  
WEAR A POSITIVE-PRESSURE, SUPPLIED-AIR  
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Name: ING 5:RESPIRATOR (TC-19C). IN ALL CASES, FOLLOW THE RESPIRATOR  
MANUFACTURER'S DIRECTIONS FOR RESPIRATOR USE.  
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Name: ING 6:DO NOT PERMIT ANYONE WITHOUT PROTECTION IN THE PAINTING AREA.  
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Health Hazards Data  
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LD50 LC50 Mixture: NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: NO

OSHA: NO

Effects of Exposure: GENERAL EFTS: INGEST: GI DISTRESS. MAY CAUSE NOSE &  
THROAT IRRIT. RPTD & PRLNG OVEREXP TO SOLVS MAY LEAD TO PERM BRAIN &  
NERVOUS SYS DMG. EYE WATERING, HDCHS, NAUS, DIZZ & LOSS OF COORDINATION  
ARE SIGNS THAT SOLV LEVELS ARE TOO HIGH. SKIN/E YE: MAY CAUSE IRRIT/BURNING  
OF THE EYES. RPTD/PRLNG LIQ CNTCT (EFTS OF OVEREXP)

Explanation of Carcinogenicity: NOT RELEVANT.

Signs And Symptoms Of Overexposure: HLTH HAZ:MAY CAUSE SKIN IRRIT  
W/DISCOMFORT & DERM. SPECIAL EFTS: ETHYL ACETATE: PRLNG & RPTD HIGH EXPOS  
OF LAB ANIMALS RESULTED IN SECONDARY ANEMIA W/INCR IN WHITE BLOOD CELLS;  
FATTY DEGENERATION, CLOUDY SWELL & EXCESS OF BLOOD IN VARIOUS O RGANS.  
METHYL ETHYL KETONE:HIGH CONC HAVE CAUSED EMBRYOTOXIC EFTS IN (SUPDAT)

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.

First Aid: INGESTION: CALL A PHYSICIAN IMMEDIATELY AND HAVE THE NAMES OF  
INGREDIENTS AVAILABLE. INHALATION: OF VAPORS OR SPRAY MIST REMOVE TO FRESH  
AIR. IF BREATHING DIFFICULTY PERSISTS, OR OCCURS LATER, CONSULT A  
PHYSICIAN.

EYE: IMMEDIATELY FLUSH WIT H PLENTY OF WATER FOR AT LEAST 15 MINUTES; CALL  
A PHYSICIAN. SKIN: WASH WITH SOAP AND WATER. IF IRRITATION OCCURS, CONTACT  
A PHYSICIAN.  
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Handling and Disposal  
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Spill Release Procedures: VENTILATE AREA. REMOVE SOURCES OF IGNITION. PREVENT  
SKIN CONTACT AND BREATHING OF VAPOR. WEAR A PROPERTY FITTED  
VAPOR/PARTICULATE

RESPIRATOR (NIOSH TC-23C). CONFINE AND REMOVE WITH INERT ABSORBENT.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods: DO NOT ALLOW MATERIAL TO CONTAMINATE GROUND WATER  
SYSTEMS. INCINERATE ABSORBED MATERIAL IN ACCORDANCE WITH FEDERAL, STATE,  
AND LOCAL REQUIREMENTS. DO NOT INCINERATE IN CLOSED CONTAINERS.

Handling And Storage Precautions: OBSERVE LABEL PRECAUTIONS. KEEP AWAY FROM  
HEAT, SPARKS & FLAME. CLOSE CONTAINER AFTER EACH USE. GROUND CNTNRS WHEN  
POURING. DO NOT STORE ABOVE 120F.

Other Precautions: DO NOT SAND, FLAME CUT, BRAZE OR WELD DRY COATINGWITHOUT A  
NIOSH APPROVED RESPIRATOR OR APPROPRIATE VENTILATION.

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Fire and Explosion Hazard Information  
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Flash Point Method: CC

Flash Point Text: 73.0F,22.8C

Lower Limits: 0.6%

Upper Limits: 13.1%

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

Fire Fighting Procedures: USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N). WATER FROM FOG NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD UP.

Unusual Fire/Explosion Hazard: WHEN HEATED ABOVE THE FLASH POINT, EMITS FLAMM VAPS WHICH, WHEN MIXED W/AIR, CAN BURN/BE EXPLO. FINE MISTS/SPRAYS MAY BE FLAMM AT TEMPS BELOW THE FLASH POINT.

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Control Measures  
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Respiratory Protection: DO NOT BRTH VAPS/MISTS. WEAR A PROPERLY FITTED VAP/PARTICULATE RESP APPRVD BY NIOSH (TC-23C) FOR USE W/PAINTS DURING APPLICATN & UNTIL ALL VAPS & SPRAY MISTS ARE EXHAUSTED. IN CONFINED SPACES/IN SITUATIONS WHERE CONTINUOUS SPRAY

Ventilation: PROVIDE SUFFICIENT VENTILATION IN VOLUME AND PATTERN TO KEEP CONTAMINANTS BELOW APPLICABLE OSHA REQUIREMENTS.

Protective Gloves: NEOPRENE GLOVES.

Eye Protection: ANSI APPROVED CHEM WORKERS GOGGS (FP N).

Other Protective Equipment: EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA (FP N). COVERALLS.

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING OR SMOKING.

Supplemental Safety and Health: EFTS OF OVEREXP: LAB ANIMALS. METHYL ETHYL KETONE HAS BEEN DEMONSTRATED TO POTENTIATE (I.E. SHORTEN THE TIME OF ONESET)THE PERIPHERAL NEUROPATHY CAUSED BY EITHER N-HEXANE/METHYL N-BUTYL KETONE. MEK BY ITSELF HAS NOT BEEN DEMONSTRATED TO CA USE PERIPHERAL NEUROPATHY. LIQ SPLASHES IN THE EYE MAY RSLT IN CHEMICAL BURNS.

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Physical/Chemical Properties  
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B.P. Text: >129F,>54C

Vapor Pres: SEE INGRED

Vapor Density: HVR/AIR

Spec Gravity: 0.879 (FP N)

Evaporation Rate & Reference: LESS THAN ETHER

Solubility in Water: MISCIBLE

Appearance and Odor: NONE SPECIFIED BY MANUFACTURER.

Percent Volatiles by Volume: >99.6

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Reactivity Data  
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Stability Indicator: YES

Stability Condition To Avoid: NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid: NONE REASONABLY FORESEEABLE.

Hazardous Decomposition Products: CO, CO\*2, SMOKE.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NOT RELEVANT.

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Toxicological Information  
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Ecological Information  
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MSDS Transport Information  
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Regulatory Information  
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Other Information  
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=====  
HAZCOM Label  
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Product ID: ENAMEL REDUCER, 7065S  
Cage: 0ERJ7  
Company Name: E I DUPONT DE NEMOURS & CO, INC.  
Street: 1007 MARKET STREET  
City: WILMINGTON DE  
Zipcode: 19898  
Health Emergency Phone: 800-441-3637;800-424-9300(CHEMTREC)  
Label Required IND: Y  
Date Of Label Review: 04/04/1997  
Status Code: C  
Label Date: 04/04/1997  
Origination Code: G  
Chronic Hazard IND: Y  
Eye Protection IND: YES  
Skin Protection IND: YES  
Signal Word: DANGER  
Respiratory Protection IND: YES  
Health Hazard: Moderate  
Contact Hazard: Moderate  
Fire Hazard: Severe  
Reactivity Hazard: None  
Hazard And Precautions: FLAMMABLE LIQUID. ACUTE:INGEST:GI DISTRESS. MAY CAUSE NOSE & THROAT IRRIT. RPTD & PRLNG OVEREXP TO SOLVS MAY LEAD TO PERM BRAIN & NERVOUS SYS DMG. EYE WATERING, HDCHS, NAUS, DIZZ & LOSS OF COORDINATION ARE SIGNS THAT SOLV LEVELS ARE TOO HIG H. SKIN/EYE:MAY CAUSE IRRIT/BURNING OF THE EYES. RPTD/PRLNG LIQ CNTCT MAY CAUSE SKIN IRRITATION W/DISCOMFORT & DERMATITIS. CHRONIC:PROLONGED & REPEATED CONTACT WITH AN INGREDIENT IN PROD HAS CAUSE SECONDARY ANEMIA W/INCREASED WHITE BLOOD CELLS, FATTY DEGENERATION, CLOUDY SWELLING & EXCESS OF BLOOD IN VARIOUS ORGANS. HIGH CONCENTRATIONS OF AN INGREDIENT IN PRODUCT HAVE CAUSED EMBRYOTOXIC EFTS IN LAB ANIMALS.

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