

ISOCYANATE ACTIVATOR/HARDENER, 195S

MSDS Number

BBNGB

National Stock Number

8010-00F003539

Product Name

ISOCYANATE ACTIVATOR/HARDENER, 195S

Manufacturer

E I DUPONT DE NEMOURS

Product Identification

Product ID: ISOCYANATE ACTIVATOR/HARDENER, 195S

MSDS Date: 04/15/1987

FSC: 8010

NIIN: 00F003539

MSDS Number: BBNGB

Responsible Party

E.I. DUPONT DE NEMOURS

WILMINGTON, DE 19898

Emergency Phone: (800) 441-3637

Info Phone: (800) 441-7515

Cage: 19898

Contractor

E.I. DUPONT DE NEMOURS & CO., INC.

1635

WILMINGTON, DE 19898

US

800-441-3637

Cage: 19898

Ingredients

N-BUTYL ACETATE (SARA III)

CAS: 123-86-4

RTECS: AF7350000

OSHA PEL150 PPM/200 STEL

ACGIH TLV: 150 PPM/200 STEL; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ETHYL ACETATE (SARA III)

CAS: 141-78-6

RTECS: AH5425000

OSHA PEL400 PPM

ACGIH TLV: 400 PPM; 9192

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

1,6-DIISOCYANATOHEXANE (HEXAMETHYLENE DIISOCYANATE)

CAS: 822-06-0

RTECS: MO1740000

Fraction By Weight:

ACGIH TLV: 0.005 PPM; 9192

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

SOLVENT NAPHTHA (LIGHT AROMATIC)

CAS: 64742-95-6

OSHA PEL25 PPM

ACGIH TLV: NONE

ALIPHATIC POLYISOCYANATE

CAS: 28182-81-2

RTECS: NQ9170000

1.7 - 5.5

RTECS: 9999999VO

Hazards

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INGESTION: GASTRO-INTESTINAL DISTRESS.
INHALATION: MAY CAUSE NOSE/THROAT IRRITATION. EYE WATERING,
HEADACHES, NAUSEA, DIZZINESS & LOSS OF COORDINATION ARE SIGNS THAT
SOLVENT LEVELS ARE TOO HIGH. SKIN/ EYE: MAY CAUSE IRRITATION OR
BURNING.

Explanation of Carcinogenicity:NONE
Effects of Overexposure:INHALATION: MAY NOSE/THROAT IRRITATION. EYE
WATERING, HEADACHES, NAUSEA, DIZZINESS & LOSS OF COORDINATION ARE
SIGNS THAT SOLVENT LEVELS ARE TOO HIGH. SKIN: REPEATED/PROLONGED
LIQUID CONTACT MAY CAUSE IRRITATION W/DISCOMFORT & DERMATITIS.
OVEREXPOSURE SOLVENTS MAY LEAD TO PERMANENT BRAIN & NERVOUS SYSTEM
DAMAGE.

Medical Cond Aggravated by Exposure:LUNG OR BREATHING PROBLEMS OR PRIOR
REACTION TO ISOCYANATES, ALLERGIC SKIN RASH, ITCHING, SWELLING.

First Aid

First Aid:EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15
MINUTES; CALL A PHYSICIAN. SKIN: WASH WITH SOAP & WATER. IF
IRRITATION OCCURS, CONTACT A PHYSICIAN. INHALATION: IF AFFECTED,
REMOVE TO FRES H AIR. IF BREATHING DIFFICULTY PERSISTS, OR OCCURS
LATER, CONTACT A PHYSICIAN.

Fire Fighting

Flash Point Method:CC
Flash Point:73-100F
Lower Limits:0.9%
Upper Limits:11.2%
Extinguishing Media:WATER SPRAY, FOAM, CO2, DRY CHEMICAL
Fire Fighting Procedures:WATER TO COOL CLOSED CONTAINERS TO PREVENT

PRESSURE BUILD UP. FULL PROTECTIVE EQUIPMENT, INCLUDING SELF-CONTAINED BREATHING APPARATUS
Unusual Fire/Explosion Hazard:FINE MISTS OR SPRAYS MAY BE FLAMMABLE AT TEMPERATURES BELOW THE FLASH POINT, BURN, & BE EXPLOSIVE.

Accidental Release

Spill Release Procedures:VENTILATE AREA. REMOVE SOURCES OF IGNITION. PREVENT SKIN CONTACT & BREATHING OF VAPOR. CONFINE AND REMOVE WITH INERT ABSORBANT.

Neutralizing Agent:20% SURFACTANT (TERGITOL TMN 10), 80% WATER, 0-10% AMMONIA, 2-5% DETERGENT

Handling

Handling and Storage Precautions:KEEP AWAY FROM HEAT, SPARKS/FLAME. CLOSE CONTAINER AFTER EACH USE. GROUND CONTAINERS WHEN POURING. DON'T STORE >120F. DON'T BREATHE OF VAPORS/MISTS.
Other Precautions:WASH THOROUGHLY AFTER HANDLING & BEFORE EATING OR SMOKING. DON'T SAND, FLAME CUT, BRAZE OR WELDING DRY COATING W/OUT NIOSH/MSHA APPROVED RESPIRATOR OR APPROPRIATE VENTILATION.

Exposure Controls

Respiratory Protection:WEAR A POSITIVE PRESSURE SUPPLIED AIR RESPIRATOR (TC-19C).
Ventilation:PROVIDE LOCAL EXHAUST VENTILATION TO KEEP Protective Gloves:NEOPRENE
Eye Protection:SPLASH GUARDS, SIDE SHIELD
Other Protective Equipment:COVERALLS
Work Hygienic Practices:DON'T PERMIT ANYONE WITHOUT RESPIRATOR PROTECTION IN THE PAINTING AREA.
Supplemental Safety and Health
GAL/WT: (#/GAL): 8.08 - 5.5

Chemical Properties

Boiling Pt:B.P. Text:76-100F
Vapor Density:>AIR
Evaporation Rate & Reference:SLOWER THAN ETHER
Solubility in Water:MISCIBLE
Percent Volatiles by Volume:28-71%

Stability

Stability Indicator/Materials to Avoid:YES
NONE REASONABLY FORESEEABLE
Stability Condition to Avoid:KEEP AWAY FROM HEAT, SPARKS & FLAME
Hazardous Decomposition Products:CO, CO2, SMOKE

Disposal

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

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