

## **3812S ENAMEL REDUCERS**

### **MSDS Number**

BBNCW

### **National Stock Number**

8010-00F003497

### **Product Name**

3812S ENAMEL REDUCERS

### **Manufacturer**

E I DUPONT DE NEMOURS AND COMPANY

### **Product Identification**

Product ID:3812S ENAMEL REDUCERS

MSDS Date:01/01/1991

FSC:8010

NIIN:00F003497

MSDS Number: BBNCW

### **Responsible Party**

E.I. DUPONT DE NEMOURS & COMPANY

1007 MARKET STREET

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**

TOLUENE (SARA III)

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 51%

OSHA PEL200 PPM/150 STEL

ACGIH TLV: 50 PPM; 9293

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

LIGHT ALIPHATIC NAPHTHA, VM & P NAPHTHA

CAS: 64742-89-8

OSHA PEL300 PPM

ACGIH TLV: 300 PPM

6.37-7.50

RTECS: 9999999WG

## Hazards

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:EYES: WATERING, IRRITATION & BURNS.  
SKIN: IRRITATION, DISCOMFORT & DERMATITIS. INHALATION: NOSE/THROAT  
IRRITATION, PERMANENT BRAIN/NERVOUS SYSTEM DAMAGE, HEADACHES,  
NAUSEA, DIZZINESS & LOSS OF COORDINATION. INGESTION:  
GASTROINTESTINAL DISTRESS.  
Explanation of Carcinogenicity:NONE  
Effects of Overexposure:EYES: WATERING, IRRITATION & BURNS. SKIN:  
IRRITATION, DISCOMFORT & DERMATITIS. INHALATION: NOSE/THROAT  
IRRITATION, PERMANENT BRAIN/NERVOUS SYSTEM DAMAGE, HEADACHES,  
NAUSEA, DIZZINESS & LOSS OF COORDINATION. INGESTION:  
GASTROINTESTINAL DISTRESS.

## First Aid

First Aid:EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN:  
WASH THOROUGHLY W/SOAP & WATER. INHALATION: REMOVE TO FRESH AIR.  
GIVE CPR OR OXYGEN IF NEEDED. INGESTION: HAVE THE NAMES OF  
INGREDIENTS AVAILABLE. OBTAIN MEDICAL ATTENTION IN ALL CASES.

## Fire Fighting

Flash Point Method:CC  
Flash Point:-73F  
Lower Limits:0.6%  
Upper Limits:36.5%  
Extinguishing Media:WATER SPRAY, FOAM, CO2, DRY CHEMICAL  
Fire Fighting Procedures:FULL PROTECTIVE EQUIPMENT, INCLUDING  
SELF-CONTAINED BREATHING APPARATUS. USE WATER FROM FOG NOZZLES TO  
COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD UP.  
Unusual Fire/Explosion Hazard:WHEN HEATED >FLASH POINT, EMITS FLAMMABLE  
VAPORS WHICH, WHEN MIXED W/AIR, CAN BURN OR BE EXPLOSIVE. FINE  
MISTS OR SPRAYS MAY BE FLAMMABLE AT TEMPS

## Accidental Release

Spill Release Procedures:VENTILATE AREA. REMOVE SOURCES OF IGNITION.  
AVOID SKIN CONTACT & BREATHING OF VAPOR. WEAR A NIOSH/MSHA APPROVED  
FITTED VAPOR/PARTICULATE RESPIRATOR. CONFINE & REMOVE W/INERT  
ABSORBENT.

## Handling

Handling and Storage Precautions:ELIMINATE IGNITION SOURCES. CLOSE  
CONTAINER AFTER EACH USE. GROUND CONTAINERS WHEN POURING. DON'T  
STORE >120F. EVACUATE AREA. AVOID W/EYES & SKIN.  
Other Precautions:AVOID INHALATION OF MISTS & VAPORS. OBSERVE LABEL  
PRECAUTIONS.

## Exposure Controls

Respiratory Protection:IF USING ISOCYANATE HARDENER/ACTIVATOR WEAR  
POSITIVE SUPPLIED-AIR RESPIRATOR, NIOSH/MSHA TC-19C. NO ISOCYANATE  
HARDENER/ACTIVATOR, WEAR VAPOR/PARTICULATE RESPIRATOR NIOSH/MSHA  
TC-23C. CONFINED AREA/CONTINUOUS SPRAY WEAR TC-19C RESPIRATOR.  
Ventilation:PROVIDE SUFFICIENT VENTILATION IN VOLUME & PATTERN TO KEEP  
CONTAMINANTS Protective Gloves:NEOPRENE  
Eye Protection:SPLASH GUARDS OR SIDE SHIELDS  
Other Protective Equipment:NEOPRENE COVERALLS  
Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING/BEFORE EATING OR  
SMOKING.  
Supplemental Safety and Health  
BOILING RANGE: 129-473F.

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## Chemical Properties

Boiling Pt:B.P. Text:SEE SUPP.

Vapor Density:>AIR

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:MISCIBLE

Percent Volatiles by Volume:99-100

## Stability

Stability Indicator/Materials to Avoid:YES

Stability Condition to Avoid:HEAT, SPARKS, & FLAME

Hazardous Decomposition Products:CO, CO<sub>2</sub>, SMOKE

## Disposal

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

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