

## **222S LACQUER CLEARS**

### **MSDS Number**

BBNGP

### **National Stock Number**

8010-00F003548

### **Product Name**

222S LACQUER CLEARS

### **Manufacturer**

DU PONT E I DE NEMOURS AND CO INC

### **Product Identification**

Product ID:222S LACQUER CLEARS

MSDS Date:01/01/1991

FSC:8010

NIIN:00F003548

MSDS Number: BBNGP

### **Responsible Party**

DU PONT E I DE NEMOURS & CO INC

1007 MARKET ST

WILMINGTON , DE 19899

US

Emergency Phone: 800-441-3637

Info Phone: 800-441-7515

Cage: 90227

### **Contractor**

DU PONT E I DE NEMOURS & CO FABRICATED PROD DEPT

WILMINGTON, DE 19898

US

800-441-3637

Cage: 90227

### **Ingredients**

ACETONE; DIMETHYL KETONE

CAS: 67-64-1

RTECS: AL3150000

Fraction By Weight: 18%

OSHA PEL1000PPM

ACGIH TLV: 750PPM/1000STEL;9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ETHYL ACRYLATE, METHYL METACRYLATE, METHACRYLIC ACID

CAS: 25133-97-5

ETHYL ACETATE

CAS: 141-78-6

RTECS: AH5425000

OSHA PEL1400 MG/CUM

ACGIH TLV: 1400 MG/CUM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

ISOPROPANOL (ISOPROPYL ALCOHOL), 2-PROPANOL, DIMETHYL

CAS: 67-63-0

RTECS: NT8050000

OSHA PEL400 PPM

ACGIH TLV: 400 PPM

DIMETHYL GLUTARATE \*92-3\*

CAS: 1119-40-0

DIMETHYL SUCCINATE, DIMETHYL BUTANEDIOATE, BUTANEDIOIC

CAS: 106-65-0

RTECS: WM7675000

DIMETHYL ADIPATE, METHYL ADIPATE, HEXANEDIOIC ACID DIMETHYL

CAS: 627-93-0

RTECS: AV1645000

BUTANOL, N-BUTYL ALCOHOL, PROPYL CARBINOL, BUTYL ALCOHOL

CAS: 71-36-3

RTECS: EO1400000

Fraction By Weight: 7%

OSHA PEL100 PPM

ACGIH TLV: S, C 50 PPM; 9293

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

TOLUENE

CAS: 108-88-3

RTECS: XS5250000

Fraction By Weight: 33%

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, LACOLENE \*92/3\*

CAS: 64742-89-8

OSHA PEL300 PPM

ACGIH TLV: 300 PPM

XYLENE, DIMETHYLBENZENE, XYLOL

CAS: 1330-20-7

RTECS: ZE2100000

Fraction By Weight: 16%

OSHA PEL100 PPM

ACGIH TLV: 100 PPM, SKIN

EPA Report Quantity: 1000 LBS

DOT Report Quantity: 1000 LBS

7.02-7.81

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:INGESTION: GASTROINTESTINAL DISTRESS.

INHALATION: NOSE/THROAT IRRITATION, EYE WATERING, HEADACHES, NAUSEA, DIZZINESS, LOSS OF COORDINATION. EYES: IRRITATION/BURNING.

VM&P NAPHTHA MAY CAUSE TEMPORARY UPPER RESPIRATORY & LUNG IRRITATION W/COUGH, DIFFICULT BREATHING, & SHORTNESS OF BREATH.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:INHALATION: PERMANENT BRAIN & NERVOUS SYSTEM DAMAGE. SKIN: IRRITATION W/DISCOMFORT & DERMATITIS. HARMFUL

ABSORPTION LEADING TO LIVER & KIDNEY DAMAGE. MAY CAUSE ABNORMAL BLOOD FORMING FUNCTION W/ANEMIA .

## First Aid

First Aid:INHALATION: REMOVE TO FRESH AIR. IF BREATHING DIFFICULTY PERSISTS/OCCURS LATER, CONSULT PHYSICIAN. SKIN: WASH W/SOAP & WATER. EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. OBTAIN MEDICAL ATTENTION IN ALL CASES.

## Fire Fighting

Flash Point Method:CC

Flash Point:-20F

Lower Limits:0.2%

Upper Limits:36.5%

Extinguishing Media:WATER SPRAY, FOAM, CO2, DRY CHEMICAL

Fire Fighting Procedures:FULL PROTECTIVE EQUIPMENT/SCBA. WATER SPRAY MAY BE INEFFECTIVE. WATER FROM FOG NOZZLES MAY BE USED TO COOL CLOSED CONTAINERS TO PREVENT PRESSURE BUILD UP.

Unusual Fire/Explosion Hazard:WHEN HEATED >20F, EMITS FLAMMABLE VAPORS, WHICH WHEN MIXED W/AIR, CAN BURN/BE EXPLOSIVE. FINE MISTS/SPRAYS MAY BE FLAMMABLE AT TEMPS

## Accidental Release

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

## Handling

Handling and Storage Precautions:CLOSE CONTAINER AFTER EACH USE. GROUND CONTAINERS WHEN POURING. OBSERVE LABEL PRECAUTIONS. KEEP AWAY FROM HEAT, SPARKS, & FLAME. DON'T STORE >120F.

Other Precautions:DON'T SAND, FLAME CUT, BRAZE OR WELD DRY COATING W/OUT PROTECTIVE EQUIPMENT. AVOID BREATHING VAPORS OR MISTS.

## Exposure Controls

Respiratory Protection:WEAR PROPERLY FITTED VAPOR/PARTICULATE RESPIRATOR (NIOSH/MSHA TC-23C) FOR USE W/PAINTS DURING APPLICATION & UNTIL ALL VAPORS & SPRAY MISTS ARE EXHAUSTED. WEAR POSITIVE PRESSURE SUPPLIED-AIR RESPIRATOR (TC-19C) IN CONFINED AREAS.

Ventilation:SUFFICIENT IN VOLUME & PATTERN TO KEEP CONTAMINANTS BELOW APPLICABLE LIMITS.

Protective Gloves:NEOPRENE

Eye Protection:SPLASH GUARDS, SIDESHIELDS

Other Protective Equipment:NEOPRENE COVERALLS

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

Supplemental Safety and Health

PERCENT BY WEIGHT: 67-97.

## Chemical Properties

Boiling Pt:B.P. Text:129-727F

Vapor Density:>1

Evaporation Rate & Reference:SLOWER THAN ETHER

Solubility in Water:MISCIBLE

Percent Volatiles by Volume:73-98%

## Stability

Stability Indicator/Materials to Avoid:YES

AIR

Stability Condition to Avoid:HEAT, SPARKS, FLAME, TEMPS >120F, & OTHER SOURCES OF IGNITION

Hazardous Decomposition Products:CO, CO<sub>2</sub>, SMOKE, & FLAMMABLE VAPORS ABOVE FLASH POINT

## 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. FLAMMABLE LIQUID PAINT UN 1263.

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