

FEDERAL SPECIFICATIONS -- LACQUER NITROCELLULOSE -- 8010-00-680-0143

=====
Product Identification
=====

Product ID:LACQUER NITROCELLULOSE

MSDS Date:01/01/1987

FSC:8010

NIIN:00-680-0143

MSDS Number: BFLDN

=== Responsible Party ===

Company Name:FEDERAL SPECIFICATIONS

Country:US

Emergency Phone Num:412-227-2000

CAGE:81348

=== Contractor Identification ===

Company Name:FEDERAL SPECIFICATIONS, PROMULG

ATED BY GSA

Box:City:WASHINGTON

State:DC

Country:US

CAGE:81348

=====
Composition/Information on Ingredients
=====

Ingred Name:D.O.P.

RTECS #:JS7525000

Fraction by Wt: 3%

Ingred Name:ISOPROPYL ALCOHOL (SARA III)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 1%

OSHA PEL:400 PPM/500 STEL

ACGIH TLV:400 PPM/500STEL;9192

Ingred Name:ISOBUTYL ALCOHOL (SARA III)

CAS:78-83-1

RTECS #:NP9625000

Fraction by Wt: 7%

OSHA PEL:100 PPM

ACGIH TLV:50 PPM; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Q

ty:5000 LBS

Ingred Name:N-BUTYL ACETATE (SARA III)

CAS:123-86-4

RTECS #:AF7350000

Fraction by Wt: 7%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:150 PPM

ACGIH TLV:150 PPM/200STEL;9394

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

=====
===== Hazards Identification =====

Effects of Overexposure:SYSTEMIC TOXIC EFFECTS MAY ALSO RESULT FROM SKIN ABSORPTION.IRRITATION TO EYES,NOSE AND THROAT NEAR

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

Fir
st Aid:IF INHALED,REMOVE TO FRESH AIR.IF NOT BREATHING,GIVE ARTIFICIAL RESPIRATION,PREFERABLY MOUTH TO MOUTH. CALL A PHYSICIAN.IN CASE OF SKIN CONTACT,WASH THOROUGHLY WITH SOAP AND WATER;FOR EYES,FLUSH IMMEDIATELY WITH PLENTY OF WATER FOR 15 MINUTES AND CON

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

Flash Point:23 F TCC -5C
Extinguishing Media:FOAM,DRY CHEMICAL, WATER SPRAY FOR OR CO*2.
Fire Fighting Procedures:USE AIR SUPPLIED EQUIPMENT FOR ENCLOSED AREAS.COOL EXPOSED
Unusual Fire/Explosion Hazard:KEEP AWAY FROM CO HEAT,SPARKS AND FLAME.

=====
===== Accidental Release Measures =====

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION(FLAME,ELECTRICAL,STATIC OR FRICTIONAL SPARKS;HOT SURFACES,ETC,)AVOID BREATHING VAPORS.VENTILATE AREA.CONTAIN AND SCOOP UP SPILL WITH NON-SPARKING TOOLS,RAGS,ETC.USE INERT ABSORBENT MATERIALS ON SMALL SPILLS OR ON RESIDUAL

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

=====
Handling and Storage Precautions:KEEP CONTAINERS CLOSED AND UPRIGHT TO PREVENT LEAKAGE.AVOID FLAMES,WELDING,SMOKING,SPARKS,OPEN LIGHTS,ETC.AVOID BREATHING OF VAPOR OR SPRAY MIST.AVOID
Other Precautions:MAINTAIN GOOD PERSONAL HYGIENE.DO NOT USE IN CONFINED AREAS,TANK OR PIT WITH OUT ADEQUATE VENTILATION.

=====
Exposure Controls/Personal Protection

Respiratory Protection:ORGANIC VAPOR CANISTER WHERE OXYGEN CONTENT IS ADEQUATE AND
VAPOR CO

Ventilation:YES

Protective Gloves:RUBBER GLOVES

Eye Protection:GOGGLES

Supplemental Safety and Health

BUTYL CELLOSOLVE EP3600000,5%, TLV 25 PPM; METHYL ETHYL KETONE PM7780000 6%, 200PPM;METHYL ISOBUTYL KETONE PO6125000,4%,TLV 50PPM;
VM &P NAPHTHA SE7555000, 6%,TLV 300PPM, AMSCO 6645 17% 200PPM

=====
Physical/Chemical Properties

HCC:F2

Vapor Density:HEAV

Evaporation Rate & Reference:8.6 LBS

Solubility in Water:NEGLIGIBLE

Appearance and Odor:

GRAY VISCOUS LIQUID WITH TYPICAL SOLVENT ODOR.

Percent Volatiles by Volume:75

=====
Stability and Reactivity Data

Stability Indicator/Materials to Avoid:YES

=====
Disposal Considerations

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL APPLICABLE REGULATIONS.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department of Defen

se. 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.