

Chemical Name: LB 400X

Manufacturer: Tuthill Vacuum and Blower Systems

Container Size: 5 gallons

Location: VLA

<u>Disposal:</u> Place used material in proper disposal container. Place empty container in trash.

MSDS : UCON LUBRICANT LB-400-X

CAS

NAME : polyalkalene glycol

proprietary additives - trade secret additive

MSDS NAME: UCON LUBRICANT LB-400-X

NIIN:01-099-7155 MSDS Number: BGLTS

=== Responsible Party ===

Company: UNION CARBIDE CORP., INDUSTRIAL CHEMICALS DIVISION

Address:39 OLD RIDGEBURY ROAD

City:DANBURY State:CT ZIP:06817-0001 Country:US

Info Phone Num:800-822-4357/304-744-3487

Emergency Phone Num:800-822-4357

CAGE: 61637

=== Contractor Identification ===

Company:SANCHEZ & ASSOCIATES Address:476 WEST FOGG STREET

Box:1649

City:COLTON (MAY BE OUT OF BUSINESS !)

State:CA ZIP:92324 Country:US

Phone: 714-370-3921/FAX824-0341 ALL WRONG#

CAGE: OHF19

Company:SDB CONSULTANTS LTD

Address:401 WHITNEY AVE SUITE 120

Box:City:GRETNA

State:LA ZIP:70056 Country:US

Phone:504-366-9105

CAGE: 0 PGK2

Company: UNION CARBIDE CORP Address: 39 OLD RIDGEBURY ROAD

Box:City:DANBURY

State:CT ZIP:06817-00

ZIP:06817-0001 Country:US

Phone: 800-822-4357/732-563-5522 (MSDS)

CAGE: 61637

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

Name:POLYALKALENE GLYCOL Fraction by Wt: >95%

Other REC Limits: NONE SPECIFIED

Name: PROPRIETARY ADDITIVES - TRADE SECRET ADDITIVE

Fraction by Wt: <5%

Other REC Limits: NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE:EYE:MAY CAUSE STINGING &
PAIN.SKIN: PROLONGED CONTACT MAY CAUSE ITCHING, BURNING &
FLAKING.INHALATION/INGESTION: NO ADVERSE EFFECTS.CHRONIC-NO
EVIDENCE OF ADVERSE EFFECTS.

- Explanation of Carcinogenicity: CONTAINS AN AMINE WHICH MAY REACT WITH NITITES TO FORM A NITROSAMINE WHICH HAVE BEEN SHOWN TO BE CARCINOGENIC (ANIMAL).
- Effects of Overexposure: VAPORS GENERATED AT HIGH TEMPERATURES MAY RESULT IN EYE AND RESPIRATORY TRACT IRRITATION AND IN THE INHALATION OF HARMFUL AMOUNTS OF MATERIAL.
- Medical Cond Aggravated by Exposure: SKIN CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS. DUE TO METHEMOGLOBIN FORMATION, INDIVIDUALS WITH CARDIOVASCULAR DISEASE OR IMPAIRMENT OF RESPIRATORY FUNCTION MAY BE AT ADDITIONAL RISK.

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

First Aid:INHALATION:REMOVE TO FRESH AIR.EYE:FLUSH WITH WATER FOR 15 MINUTES.CALL A PHYSICIAN.SKIN:WASH SKIN WITH SOAP & WATER.INGESTION:NO HARMFUL EFFECTS EXPECTED.NOTE TO PHYSICIAN:THERE IS NO SPECIFIC ANTIDO TE.TREATMENT OF OVEREXPOSURE SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS & THE CLINICAL CONDITION OF THE PATIENT.

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

Flash Point Method: PMCC Flash Point: 423F, 217C

Autoignition Temp: Autoignition Temp Text: 723F

Extinguishing Media:APPLY ALCOHOL-TYPE OR ALL-PURPOSE-TYPE FOAM BY MANUFACTURER'S RECOMMENDED TECHNIQUES FOR LARGE FIRE.CO2, DRY CHEMICAL

Fire Fighting Procedures: USE SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING. DO NOT DIRECT A SOLID STREAM OF WATER OR FOAM INTO HOT BURNING POOLS.MAY CAUSE FROTHING.

Unusual Fire/Explosion Hazard: THIS MATERIAL MAY PRODUCE A FLOATING FIRE HAZARD IN EXTREME FIRE CONDITIONS. DURING A FIRE, OXIDES OF NITROGEN MAY BE PRODUCED.

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

Spill Release Procedures: WEAR SUITABLE PROTECTIVE EQUIPMENT, ESPECIALLY EYE PROTECTION. SMALL SPILLS COULD BE FLUSHED WITH LARGE QUANTITIES OF WATER.LARGER SPILLS SHOULD BE COLLECTED FOR DISPOSAL. AVOID DRAINAGE OF LARGE SPILLS TO SEWER OR NATURAL WATERS.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

Handling and Storage Precautions:STORE IN A COOL PLACE WITH ADEQUATE VENTILATION.WARNING!CAUSES EYE & SKIN IRRITATION.WASH THOROUGHLY AFTER HANDLING.

Other Precautions: AVOID CONTACT WITH EYES AND SKIN.DO NOT ADD NITITES OR OTHER NITROSATING AGENTS. A NITROSAMINE, WHICH MAY CAUSE CANCER, MAY BE FORMED.

====== Exposure Controls/Personal Protection ========

Respiratory Protection: NONE REQUIRED FOR USE AT LOW TEMPERATURE. Ventilation: GENERAL (MECHANICAL) ROOM VENTILATION IS SATISFACTORY FOR USE AT LOW TEMPERATURE.AT HIGH TEMPERATURE, USE LOCAL EXHAUST.

Protective Gloves: POLYVINYL CHLORIDE-COATED

Eye Protection: MONOGOGGLES

Other Protective Equipment: EYE WASH STATION AND SAFETY SHOWER. CHEMICAL-RESISTANT APRON OR OTHER IMPERVIOUS CLOTHING.

Work Hygienic Practices: OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health

IGNITION OF ORGANIC CHEMICAL VAPORS MAY OCCUR AT TYPICAL ELEVATED TEMPERATURE PROCESS CONDITIONS, ESPECIALLY IN PROCESSES OPERATING UNDER VACUUM IF SUBJECTED TO SUDDEN INGRESS OF AIR, OR OUTSIDE PROCE SS UNDER ELEVATED PRESSURE IF SUDDEN ESCAPE OF VAPORS TO THE ATMOSPHERE OCCURS.

======= Physical/Chemical Properties =========

HCC:V6

Boiling Pt:B.P. Text:>392F,>200C

Melt/Freeze Pt:M.P/F.P Text:-20F,-29C

Vapor Pres:<0.01 Vapor Density:>1 Spec Gravity:0.994

Evaporation Rate & Reference:NIL

Solubility in Water:<0.1</pre>

Appearance and Odor: WATER WHITE TO LIGHT YELLOW LIQUID; NO ODOR

======== Stability and Reactivity Data ==========

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS, STRONG BASES AT HIGH TEMPERATURE, STRONG ACIDS AND MATERIALS REACTIVE WITH HYDROXYL COMPOUNDS.

Stability Condition to Avoid: WARNING! DO NOT MIX THIS PRODUCT WITH NITRITES OR OTHER NITROSATING AGENTS.NITROSAMINE MAY CAUSE CANCER. Hazardous Decomposition Products: OXIDES OF CARBON AND NITROGEN

====== Disposal Considerations ==========

Waste Disposal Methods: INCINERATE IN A FURNACE OR OTHERWISE DISPOSE OF IN AN APPROPRIATE DISPOSAL FACILITY IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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*** END OF RECORD ***