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MATERIAL SAFETY DATA SHEET

LC3-7040

LUBRI-LOY HEAVY DUTY CONCENTRATE WATER SOLUBLE LUBRI-CUT CUTTING FLUID

SEMI-SYNTHETIC 35300

LUBRI-LOY CATALOG #: LC3-016, LC3-128, LC3-640, LC7040 **DATE ISSUED:** 3/17/10 **REPLACES ISSUE:** New Issue

I PRODUCT IDENTIFICATION AND EMERGENCY INFORMATION

Product Name	Lubri-Loy **Heavy Duty Concentrate Water Soluble Lubri-Cut Cutting Fluid Semi-Synthetic 35300**
Lubri-Loy Catalog #'s	LC3-016, LC3-128, LC3-640, LC7040
Date Issued	3/17/10
Replaces Issue	New Issue
24-Hr. Emergency Phone	CHEMTREC (800) 424-9300

II COMPONENTS AND HAZARD INFORMATION

PRODUCT	CAS NO. OF COMPONENTS	WEIGHT %
Hydrotreated Heavy Napthenic Oil	64742-52-5	30.00 - 60.00
N-Butylaminoethanol	111-75-1	1.00 - 5.00
Isopropanolamine	78-96-6	0.50 - 1.50

Unidentified ingredients are considered not hazardous under Federal Hazard Communication Standard (29CFR 1910.1200).

III HEALTH AND HAZARD INFORMATION

EMERGENCY OVERVIEW

Form	liquid
Colour	Light amber
Odor	mild
Hazard Summary	Irritating to eyes.May cause skin irritation.Also harmful by inhalation and if swallowed.

ROUTE(S) OF ENTRY	INHALATION	SKIN	INGESTION
	yes	yes	yes

CARCINOGENICITY:

NTP	No substance in this product is listed by NTP as a carcinogen
IARC	No substance in this product is listed by IARC as a carcinogen
OSHA	No substance in this product is regulated by OSHA as a carcinogen

IV FIRST AID PROCEDURES

Inhalation	Remove person to fresh air. If signs/symptoms continue, get medical attention.
Skin contact	Flush skin with large amounts of water. If irritation develops and persists, get medical attention.
Eye contact	Rinse immediately with plenty of water for at least 15 minutes.Keep eye wide open while rinsing. Seek medical advice.
Ingestion	Rinse mouth.Drink plenty of water.Obtain medical attention.

V FIRE AND EXPLOSION HAZARD INFORMATION

Flash point	> 93.3 °C (> 199.9 °F)
Lower explosion limit	Note: Not applicable.
Upper explosion limit	Note: Not applicable.
Suitable extinguishing media	Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Special protective equipment for fire-fighters	In the event of fire, wear self-contained breathing apparatus.
Further information	Use water spray to cool unopened containers.

VI ACCIDENTAL RELEASE MEASURES

Personal precautions	Ensure adequate ventilation.
Methods for cleaning up	Ventilate area. Clean up with inert absorbant material. Keep in suitable, closed containers for disposal. Flush with plenty of water.
Additional advice	Never return spills in original containers for re-use.

VII HANDLING AND STORAGE

Handling	Use only with adequate ventilation. Unscrew closure slowly. Allow all pressure to escape through threads before removing closure
Requirements for storage areas and containers	Store indoors in a cool, well-ventilated place KEEP FROM FREEZING. Keep containers dry and tightly closed to avoid moisture absorption and contamination.

VIII PROTECTION AND PRECAUTIONS PRECAUTIONS-

COMPONENT	ACGIH TLV (TWA)	OSHA PEL (TWA)
Hydrotreated Heavy Napthenic Oil	5 mg/m3 As mineral oil mistN.D.	5 mg/m3 As mineral oil mistN.D.
N-Butylaminoethanol	N.D.	N.D.
Isopropanolamine	N.D.	N.D.

Eye protection	Safety glasses with side-shields
Hand protection	Impervious gloves
Skin and body protection	Rubber or plastic apron
Respiratory protection	If the occupational exposure limits cannot be met, suitable respirator equipment should be worn.

Hygiene measures	Avoid contact with skin, eyes and clothing. Wear suitable gloves and eye/face protection. Wear suitable protective clothing. Wash hands before breaks and immediately after handling the product. Provide adequate ventilation. Do not inhale fumes. Keep away from food and drink.

IX PHYSICAL AND CHEMICAL PROPERTIES

PH	9.0 - 10.0 AT 50 G/L
FREEZING POINT	NOTE: NO DATA AVAILABLE
BOILING POINT/BOILING RANGE	NOTE: NO DATA AVAILABLE
VAPOUR PRESSURE	NOTE: NO DATA AVAILABLE
BULK DENSITY	8.0 LB/GAL
WATER SOLUBILITY	NOTE: EMULSIFIABLE
PARTITION COEFFICIENT: NOCTANOL/WATER	NOTE: NO DATA AVAILABLE
PERCENT OF VOLATILE BY WEIGHT EXCLUDING WATER	4.58
RELATIVE DENSITY	0.960
EVAPORATION RATE	NOTE: (WATER =1) LESS THAN 1

X STABILITY AND REACTIVITY

Conditions to avoid	freezing Direct sources of heat.
Materials to avoid	Strong acids Strong oxidizing agents
Hazardous decomposition products	Carbon oxides Nitrogen Oxides

XI TOXICOLOGICAL INFORMATION

Toxicity:	Mixture; Not Determined.

XII ECOLOGICAL INFORMATION

Not Available.

XIII DISPOSAL CONSIDERATIONS

Advice on Disposal	Refer to all federal, provincial,state and local regulation prior to disposition of container and unused contents by reuse, recycle or disposal.

XIV TRANSPORT INFORMATION

Refer to Bill of Lading.

XV REGULATORY

TSCA Status	All components of this material comply with US TSCA requirements.
SARA 313 Components	N.D.
CERCLA Reportable Quantity	N.D.
California Prop. 65	N.D
NFPA	2 1 0
HMIS	2 1 0 C
WHMIS	D2B: Toxic Material Causing Other Toxic Effects

XIV OTHER INFORMATION

The information and recommendations herein are, to the best of our knowledge and belief, accurate and reliable as of the date issued. APR does not warrant or guarantee their accuracy or reliability, and shall not be liable for any loss or damage arising out of the use thereof.

The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer repackages this product, legal counsel should be consulted to insure proper health, safety, environmental, and other necessary information is included on the container.