

TESLA/YB CORPORATION
PO BOX 114132, Dubai, UAE
MATERIAL SAFETY DATA SHEET
Section 1 - PRODUCT IDENTIFICATION

SUPPLIER
TESLA/YB Corporation,
PO BOX 114132, Dubai, UAE
CHEMICAL NAME AND SYNONYMS
Not applicable
CHEMICAL FAMILY
Hydrocarbon

EMERGENCY TELEPHONE NUMBERS
Company (+971) 561144201

TRADE NAME AND SYNONYMS
SOLCUT SOLUBE CUTTING OIL
FORMULA
Not applicable

Section II - TYPICAL CHEMICAL AND PHYSICAL PROPERTIES

APPEARANCE	Clear bright yellow liquid	Viscosity, cst at 40° C	na
ODOR	Lube Oil odor	Viscosity, cst at 100° C	7
RELATIVE DENSITY (Air=1)	>1	Solubility in Water	EMULSIFIES
MELTING POINT, °C	NA	Flash Point, Open Cup, °C	130
VAPOUR PRESSURE (mm Hg at 25.0 °C)	NA	Sp. Gravity (H ₂ O=1)	1

Section III - INGREDIENTS

HAZARDOUS INGREDIENTS	Wt. Pct (Approx)	CAS Registry	ORAL LD 50	DERMAL LD 50
Hexahydro 1,3,5 Tris		4719-04-4	8 g/kg	
Triethanolamine		102-71-6	8 g/kg	

NON-HAZARDOUS INGREDIENTS

ADDITIVE AND/OR OTHER INGREDIENTS: This product is a mixture. The specific chemical identify of hazardous ingredients and non-hazardous ingredients, their C.A.S numbers and their exact percentage are proprietary to TESLA/YB Corporation, and are being withheld as Trade Secrets. The above listing of hazardous ingredients discloses the properties, approximate concentration and known toxicological effects of the hazardous ingredients. This material is an automotive/industrial lubricant with a low odor of toxicity and irritancy. The products is formulated with ingredients that are not designated as harmful to ozone.

REGULATORY INFORMATION:

OSHA STATUS: CFR 1910.1200 Hazardous Chemical NO
TSCA Status: A mixture, is not listed in TSCA inventory. Ingredients are listed
CERCLA Reportable Quantity:
SARA Title 3 Section 302 extremely hazardous substances: NO
Section 311/312 Hazardous categories: NO Section 313. Toxic Chemicals NO
RCRA Status: CALIFORNIA PROPOSTION 65

Section IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT, °C (Method) 130 COC FLAMMABLE LIMITS: LEL UEL
Unknown

EXTINGUISHING MEDIA

Foam, dry chemical, water fog or carbon dioxide

SPECIAL FIRE FIGHTING PROCEDURES

Wear self contained breathing apparatus when in a confined space. Cool fire exposed containers with water spray to prevent rupture

UNUSUAL FIRE AND EXPLOSION HAZARDS

None

Section V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE (If Established)

Not established. Oil Mist = 5 mg/m³

EFFECTS OF OVEREXPOSURE

Although there are no consistent primary routes of entry, the product may cause mild dermatitis upon prolonged contact and is expected to be an eye and lung irritant. An existing skin, eye or lung irritation may be aggravated by direct contact. No components are listed on the OSHA, IARC or NTP list of carcinogens

SECTION VI - EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT

Concentrate may cause eye irritation. Flush with plenty of water. Get medical attention if irritation persists

CHRONIC EFFECTS/CARCINOGENICITY: A review of the literature

for this product. No known carcinogens.

SKIN CONTACT

Concentrate may cause skin irritation. No acute effects expected, Wash with plenty of water. Get medical attention if persists. Wash cloth before use

TERATOLOGY (BIRTH DEFECT) INFORMATION: nil

REPRODUCTION INFORMATION: NIL

INGESTION

Concentrate not expected to be toxic. LD (rat) is greater than 5 g/kg Call physician immediately. Only induce vomiting at the instruction of physician
Never give anything by mouth to an unconscious person

INHALATION TVL for product not established. Refer to Hazardous Materials list for ingredient TLVs. Move to fresh air. See a physician if discomfort continues

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Effective Date 1-Dec-11

Print Date: 3/19/2014

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SECTION VII - REACTIVITY DATA

STABILITY (Thermal, Light, Etc.)

CONDITIONS TO AVOID

Stable

Contact with nuclear radiation and strong oxidising agents

INCOMPATIBILITY (Materials to avoid)

HANDLING AND STORAGE. Do not add nitrates to this fluid. Avoid

Strong oxidizing materials

contact with eyes. Avoid breathing mists. Do not take internally. Keep container

HAZARDOUS DECOMPOSITION PRODUCTS

Dense smoke, oxides of Carbon and nitrogen

closed when not in use. Bring product to room temperature before use

HAZARDOUS POLYMERIZATION

Will not occur. However do not cut or weld empty drums unless thoroughly cleaned

SECTION VIII SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Treat as a petroleum oil spill Sweep into container and remove. Flush spill with water

WASTE DISPOSAL METHOD

Incinerate where permitted under federal, state and local laws. Used petroleum products may be recycled through re-refining process

EYE PROTECTION

Sufficient to avoid direct contact. Safety glasses with side shield of chemical goggles. Eyewash facility

SKIN PROTECTION

Protective neoprene or plastic gloves may be desired

RESPIRATORY PROTECTION

Usually not needed in open, unconfined areas

VENTILATION

Usually not needed in open, unconfined areas

OTHER

Usually not needed. If associated TLV is exceeded, provide NIOSH approved respiratory protection

SECTION IX SPECIAL PRECAUTIONS

Close containers when not in use. Keep away from heat, sparks, open flames, and strong oxidants. Avoid eye contact and prolonged skin contact.

Avoid breathing oil mists. Wash thoroughly after handling

SECTION X HAZARD RATINGS

There are several recognised and accepted systems that assign hazard ratings to materials. Although this product has not been evaluated specifically against these systems, the ratings for the National Fire Protection Association (NFPA) and the National Paint and Coating Association's Hazardous Material Identification Systems (HMIS) are:

	NFPA	HMIS
Health	2	1
flammability	1	1
Reactivity	1	1

SECTION XI TOXICOLOGICAL INFORMATION

EYE	SUB CHRONIC	MUTAGENICITY
SKIN	CHRONIC/CARCINOGENICITY	SENSITIZATION
INGESTION	TERATOLOGY	
INHALATION	REPRODUCTION	

SECTION XII ECOLOGICAL INFORMATION

DISTRIBUTION

CHEMICAL FATE INFORMATION

Alkanolamine. In all metalworking fluids containing amines, there is a potential for forming nitrosamines which are animal carcinogens. Therefore, no nitrites or related nitrosating agents should be added to such compositions.

SECTION XIII DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state and federal regulations. Disposal of this material may be banned by federal law (40 CFR 268). This product does not fall under the current EPA RCRA definitions of hazardous waste

SECTION XIV TRANSPORT INFORMATION (not meant to be all inclusive)

DOT SHIPPING NAME	Metal cutting, drawing or drilling compound		
TECHNICAL SHIPPING NAME	DOT HAZAR CLASS	N/A	UN/NA NUMBER NA
PRODUCT RQ (LBS)	DOT LABEL		DOT PLACARD
FREIGHT CLASS BULK	FREIGHT CLASS PACKAGE		PRODUCT LABEL

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