

MATERIAL SAFETY DATA SHEET
TLC Rig Wash

Effective Date 20 JUNE 2003

Revised Date 0 000 0000

1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

TRADE NAME	TLC Rig Wash
GENERAL USE	Cleaner/Degreaser
PRODUCT DESCRIPTION	Blend
MANUFACTURER'S NAME	Technology Lubricants Corporation
	16215 Waverly
	Houston, Texas 77032
PHONE NUMBER	281-821-0507
EMERGENCY PHONE NUMBER	

2. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS COMPONENTS	%	TLV (UNITS)	PROD. CAS #
Organic Surfactants	Conf.	None Established	
Sodium Metasilicate	Conf.	None Established	6834-92-0

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW CAUTION! Eye irritant in concentrated form
May dry skin

POTENTIAL HEALTH EFFECTS

EYES: Liquid or mist can cause tissue irritation. Concentrated liquid can cause severe burns and may result in eye damage.

SKIN: Causes mild skin irritation.

INGESTION: Harmful if swallowed. Can cause chemical burns to mucous membranes of the mouth, throat, esophagus, and stomach.

INHALATION: Concentrated spray mist may cause irritation or burns to the upper respiratory tract.

CHRONIC EFFECTS Unknown

CARCINOGENICITY	NTP?	IARC MONOGRAPHS?	OSHA REGULATED
NO	NO	NO	NO

4. FIRST AID MEASURES

EYES: Flush immediately with plenty of water for at least 15 minutes and Get Medical Attention if irritation persists.

SKIN: Wash skin with soap and plenty of water.

INGESTION: Do not induce vomiting. Immediately give two glasses of water or milk. Never give anything by mouth to an unconscious person. Get Medical Attention Immediately.

INHALATION: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen. Get Medical Attention.

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5. FIRE FIGHTING PROCEDURES

FLASH POINT	None
LOWER FLAME LIMIT	Not Determined
HIGHER FLAME LIMIT	Not Determined
EXTINGUISH MEDIA	Dry Powder, Carbon Dioxide (CO ₂), "Alcohol Foam" for surrounding materials
FIRE & EXPLOSION HAZARD	Containers may rupture from internal pressure if confined to fire. Cool with water. Keep unnecessary people away.
FIRE FIGHTING EQUIPMENT	Wear full bunker gear including a positive pressure self-contained breathing apparatus in any enclosed space.
HAZARDOUS COMBUSTION PRODUCTS	Smoke, Carbon Dioxide, Carbon Monoxide

6. ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES	In case of spillage, absorb with inert material and dispose of in accordance with applicable regulations.
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7. HANDLING AND STORAGE

HANDLING AND STORAGE	Wear impervious gloves. Use goggles or face shield if splashing is likely. Chemical type apron recommended.
STORAGE	Avoid prolonged or repeated contact with skin. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Launder contaminated clothing before reuse.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

RESPIRATORY PROTECTION	Not normally required
VENTILATION	Local Exhaust
PROTECTIVE GLOVES	Wear impervious gloves
EYE PROTECTION	Use goggles or face shield
OTHER PROTECTIVE EQUIPMENT	Use chemical apron if splashing is likely

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE/ODOR	Clear to hazy liquid, bland odor
BOILING POINT (F)	Not determined
FREEZING POINT (F)	10 Degrees F
VAPOR PRESSURE (mm HG)	Not determined
VAPOR DENSITY (Air=1)	Not determined
SOLUBILITY IN H ₂ O	Soluble
SPECIFIC GRAVITY (H ₂ O=1)	1.11 @ 29 Degrees C
PH	12.65 @ 24 Degrees C

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10. STABILITY AND REACTIVITY

CHEMICAL STABILITY	Stable
CONDITIONS TO AVOID	None known
INCOMPATIBLE MATERIALS	Strong oxidizing substances and strong acids
HAZARDOUS POLYMERIZATION	Will not occur
HAZARDOUS DECOMPOSITION PRODUCTS	None

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION Available on some components upon request.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION No information is available on this blend.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD Follow federal and state regulations.

14. TRANSPORT INFORMATION

DOT SHIPPING NAME	Not Regulated by D.O.T.
HAZARD CLASS	None
ID NUMBER	N/A
PACKAGING GROUP	N/A
TECHNICAL NAME	N/A
REPORTABLE QUANTITY (RQ)	N/A
PACKAGING SIZE	All

15. REGULATORY INFORMATION

SECTION 302 EHS	None
SECTION 311/312 HAZARD CATEGORIES	Acute
SECTION 313 CERCLA RQ VALUE	None None

16. OTHER INFORMATION

HMIS HEALTH		1
HMIS FLAMMABILITY	0	
HMIS REACTIVITY		0
HMIS PERSONAL PROTECTION		B

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FOOT NOTES

N/A = NOT APPLICABLE
N/D = NO DATA AVAILABLE
< = LESS THAN
> = GREATER THAN
APP. = APPROXIMATE
EST. = ESTIMATED

THIS PRODUCT'S SAFETY INFORMATION IS PROVIDED TO ASSIST OUR CUSTOMERS IN ASSESSING COMPLIANCE WITH HEALTH, SAFETY AND ENVIRONMENTAL REGULATIONS. THE INFORMATION CONTAINED HEREIN IS BASED ON DATA AVAILABLE TO US AND IS BELIEVED TO BE ACCURATE. ALTHOUGH NO GUARANTEE OR WARRANTY IS PROVIDED BY THE COMPANY IN THIS RESPECT. THE USER, IT IS THE USER'S OBLIGATION TO DETERMINE THE CONDITIONS OF SAFE USE OF THE PRODUCT. SUCH CONDITIONS SHOULD COMPLY WITH ALL FEDERAL REGULATIONS CONCERNING THE PRODUCT.