

# Safety Data Sheet

Issue Date: 10-Jun-2015

Review Date: 10-May-2021

Version 1

## 1. IDENTIFICATION

**Product Name** TIFCO KLEEN KUT LIGHT VISCOSITY

**Other means of identification** 9628, 9632

**Recommended Use** Drilling, tapping, cutting, metalworking fluid

**Supplier Address** TIFCO Industries  
21400 Northwest Freeway  
Cypress, TX 77429

**Company Phone Number** 281-571-6000

**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Classification** This product classified according to the HazCom 2012 (29CFR 1910.1200) and the Canada Hazardous Products Regulation (CPR)

Acute toxicity - Inhalation (Dusts/Mists) Category 4

**Signal Word** WARNING

**Hazard Symbol**



**Hazard Statements** H332 Harmful if inhaled

**Precautionary Statements - Prevention**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray  
P271 Use only outdoors or in a well-ventilated area

**Precautionary Statements - Response**

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P312 Call a POISON CENTER/doctor if you feel unwell.

**Other Hazards** Harmful to aquatic life with long lasting effect.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Petroleum distillates, hydrotreated light naphthenic	64742-53-6	20-50
Chlorinated paraffin (C14-17)	61788-76-9	10-30

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.\*\*

#### 4. FIRST-AID MEASURES

##### First Aid Measures

<b>General Advice</b>	Provide this SDS to medical personnel for treatment.
<b>Eye Contact</b>	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
<b>Skin Contact</b>	Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If skin irritation or rash occurs: Get medical advice/attention.
<b>Inhalation</b>	Remove from further exposure. Use adequate respiratory protection. Seek immediate medical assistance. If breathing has stopped, assist ventilation with a mechanical device or use mouth-to-mouth resuscitation.
<b>Ingestion</b>	Do not induce vomiting without medical advice. Seek immediate medical attention/advice.

##### Most important symptoms and effects

<b>Symptoms</b>	Maybe harmful if inhaled.
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##### Indication of any immediate medical attention and special treatment needed

<b>Notes to Physician</b>	Treat symptomatically.
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#### 5. FIRE-FIGHTING MEASURES

<b>Suitable / Unsuitable Extinguishing Media</b>	Use water fog, foam, dry chemical, alcohol resistant foam or carbon dioxide (CO <sub>2</sub> ) DO NOT use straight streams of water (could cause fire to spread)
<b>Specific Hazards Arising from the Chemical</b>	Not determined.
<b>Hazardous Combustion Products</b>	Smoke, Fume, Incomplete combustion products, Oxides of carbon.
<b>Protective equipment / Precautions for firefighters</b>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Avoid contact with skin or eyes. Do not breathe dust/fume/gas/mist/vapors/spray. See SECTION 8 for Personal Protective Equipment.
<b>Environmental Precautions</b>	Prevent entry into drains, waterways, rivers, lakes, sewers, basements or confined areas. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform respective authorities. See SECTION 12 for Ecological Information
<b>Methods for Clean-Up</b>	Absorb or cover with dry earth, sand or other non-combustible material. Sweep up absorbed material and shovel into suitable containers for disposal. Discard any product, residue, disposable container or liner in full compliance with federal, state, and local regulations. See SECTION 13 for Waste Disposal

#### 7. HANDLING AND STORAGE

**Advice on Safe Handling** Handle in accordance with good industrial hygiene and safety practice. Avoid breathing fumes, vapors, mists, spray. Wash face, hands, and any exposed skin thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. See SECTION 8 for Personal Protection. See SECTION 2 for Precaution Statements

**Storage Conditions** Keep container tightly closed and store in a cool, dry and well-ventilated place. Do not store in open or unlabeled containers. Store away from heat and open flame. Storage temperature 5-40°C (41-104°F).

**Incompatible Materials** Oxidizing agents. Strong alkalis. Strong acids.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

**Component information**

Chemical Name	ACGIH	OSHA	NIOSH
Distillates, Hydrotreated Napthanic 64742-53-6	TWA: 5 mg/m <sup>3</sup> STEL: 10 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup> 15 min

**Legend:** *ACGIH: American Conference of Governmental Industrial Hygienists* *TLV: Threshold Limit Value*  
*OSHA: Occupational Safety and Health Administration* *TWA: Time weight average*  
*NIOSH: National Institute for Occupational Safety and Health* *STEL: Short Term Exposure Limit*

**Engineering Controls** Provide exhaust ventilation or adequate ventilation is required to keep airborne concentrations of vapors below their respective threshold limit value (TLV). Maintain eye wash fountain and quick-drench facilities in work area.

**Personal Protective Equipment**

**Eye/Face Protection** If contact is likely, safety glasses with side shields are recommended.

**Skin and Body Protection** If prolonged or repeated contact is likely, chemical, and oil resistant clothing is recommended.

**Respiratory Protection** Ensure adequate ventilation, especially in confined areas.

**General Hygiene Considerations** Avoid contact with skin, eyes and clothing. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take first aid action shown on section 4 of this SDS. Launder contaminated clothing before reuse.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Mild wintergreen scent
<b>Appearance</b>	Clear	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Yellow / light amber		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
<b>pH</b>	Not determined		
<b>Melting Point/Freezing Point</b>	Not determined		
<b>Boiling Point/Boiling Range</b>	Not determined		
<b>Flash Point</b>	Not determined		
<b>Evaporation Rate</b>	< 1		Pensky-Martens Closed Cup (PMCC)

<b>Flammability (Solid, Gas)</b>	Not determined	
<b>Upper Flammability Limits</b>	Not determined	
<b>Lower Flammability Limit</b>	Not determined	
<b>Vapor Pressure</b>	Not determined	
<b>Vapor Density</b>	<1.0	(Air=1)
<b>Specific Gravity</b>	0.96 - 0.98	
<b>Water Solubility</b>	Nil	
<b>Solubility in other solvents</b>	Not determined	
<b>Viscosity</b>	140-190 SUS	@ 38°C (100°F)

## 10. STABILITY AND REACTIVITY

<b>Reactivity</b>	Not reactive under normal conditions.
<b>Chemical Stability</b>	Stable under recommended storage conditions.
<b>Possibility of Hazardous Reactions</b>	Stable under recommended storage conditions.
<b>Conditions to Avoid</b>	Incompatible Materials.
<b>Incompatible Materials</b>	Oxidizing agents. Strong alkalis. Strong acids.
<b>Hazardous Decomposition Products</b>	Thermal decomposition and combustion are not expected to occur except under extreme conditions.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

<b>Eye Contact</b>	May cause temporary irritation on eye contact.
<b>Skin Contact</b>	Prolonged contact may cause redness and irritation.
<b>Inhalation</b>	May cause irritation to the mucous membranes and upper respiratory tract.
<b>Ingestion</b>	May cause gastrointestinal irritation or diarrhea.

### *Component Information*

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Petroleum distillates, hydrotreated light naphthenic 64742-53-6	> 5000 mg/kg ( Rat )	> 2000 mg/kg ( Rabbit )	= 2.18 mg/L ( Rat ) 4 h

### Information on toxicological effects

<b>Skin Sensitization</b>	No data available
<b>Carcinogenicity</b>	No data available
<b>STOT- repeated/single exposure</b>	No data available
<b>Gem Cell Mutagenicity</b>	No data available
<b>Reproductive Toxicity</b>	No data available
<b>Numerical measures of toxicity</b>	Not determined

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Harmful to aquatic life with long lasting effect

**Component Information**

Alkanes (C14.17), Chloro CAS# 85535-85-9  
 EC50 daphnia magna, 0.0059 mg/l, 48-hr  
 NOEC daphnia magna, 0.010 mg/l, 21 day

Distillates (PET), hydrotreated light naph CAS # 64742-53-6  
 LC50 Oncorhynchus mykiss 5000 mg/kg 96 hr  
 EC50 Daphnia magna 1,000mg/L 48 hr

**Persistence/Degradability** Not determined.

**Bioaccumulation** Not determined.

**Mobility** Liquid under most environmental conditions. Float on water.  
 If enters soil it will absorb to soil particles and will be immobile.  
 Would not be expected to leach from soil into groundwater

Chemical Name	Partition Coefficient logP <sub>ow</sub>
Alkanes (C14.17), Chloro CAS# 85535-85-9	4.9 - 12

**Other Adverse Effects** Not determined

### 13. DISPOSAL CONSIDERATIONS

**Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

### 14. TRANSPORT INFORMATION

**Note** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT** NOT REGULATED

**IATA**

**UN number** UN3082  
**UN proper shipping name** Environmentally hazardous substances, liquid, n.o.s (Alkanes C14-C17, chloro)  
**Class/Packing Group** 9, III, EHS

**IMDG**

**UN number** UN3082  
**UN proper shipping name** Environmentally hazardous substances, liquid, n.o.s (Alkanes C14-C17, chloro)  
**Class/Packing Group** 9, III  
 (EHS-Marine Pollutant)

### 15. REGULATORY INFORMATION

**International Inventories** The component(s) of this product comply with the inventory requirements of the countries

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	INSQ	KECL	AICS
PET distillates, hydrotreated light, naph	X	X		X			X	X	X
Chlorinated paraffin (C14-17)	X	X		X			X	X	

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*  
*DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*  
*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*  
*INSQ - Mexico National Inventory of Chemical Substances*  
*ENCS - Japan Existing and New Chemical Substances*  
*IECSC - China Inventory of Existing Chemical Substances*  
*KECL - Korean Existing and Evaluated Chemical Substances*  
*PICCS - Philippines Inventory of Chemicals and Chemical Substances*  
*AICS - Australian Inventory of Chemical Substances*

**Canada WHMIS Classification** D2B: Materials Causing Other Toxic Effects (Toxic)

**US Regulations 61**

**EPCRA – Emergency Planning and Community Right-to-Know Act**

**CERCLA** This material does not contain a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

**SARA 311/312 Hazard Categories** Acute Health Hazard

**SARA 313** This product does not contain any chemical(s) regulated under the Section 313 Title III of the Superfund Amendments and Reauthorization Act

**California Proposition 65** This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Petroleum distillates, hydrotreated light naphthenic 64742-53-6	x	X	x

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	1	1	0	Not determined
<b>HMIS</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	1	1	0	Not determined

**Issue Date:** 10-Jun-2015  
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**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**