



Safety Data Sheet

Issue date 23-Mar-2016

Revision date 24-Mar-2016

Version 1

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product identifier

Product name Olympus Super Kut TD

Other means of identification

Product code GHSRDO0298

Synonyms Not applicable

Recommended use of the chemical and restrictions on use

Recommended Use Metalworking fluid, industrial lubricant.

Uses advised against

Details of the supplier of the safety data sheet

Supplier Address

Southern Counties Lubricants, LLC

1825 W Collins AVE.

Orange, CA 92867

Emergency telephone number

Company Phone Number 323-583-3478, Monday to Friday, 7:00 AM to 6:00 PM, Pacific time

Emergency telephone Chemtrec 1-800-424-9300

2. Hazards Identification

Classification

Classified for effects on or via lactation.

Effects on or via lactation	Yes
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Label Elements

Appearance	Amber liquid
Physical State	Liquid
Odor	Sassafras

Precautionary Statements - Prevention

Obtain special instructions before use
 Do not breathe dust/fume/gas/mist/vapors/spray
 Avoid contact during pregnancy/while nursing
 Do not eat, drink or smoke when using this product
 Wash hands thoroughly after handling

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention

Precautionary Statements - Disposal

In accordance with local and national regulations

Hazards not otherwise classified (HNOC) None

Other Hazards None

Unknown acute toxicity Not applicable

3. Composition/information on Ingredients

Chemical Name	CAS No	Weight %
Proprietary Additives	PROPRIETARY	0 - 5
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	20 - 30
lubricating oils, petroleum, hydrotreated, spent	64742-58-1	60 - 70
Chlorinated Paraffins	61788-76-9	0 - 6
Chlorinated Paraffin	63449-39-8	0 - 6

The specific identity and exact concentration of any included proprietary additive(s) is withheld as a trade secret.

4. First aid measures

FIRST AID MEASURES

Eye Contact	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Skin contact	Wash with soap and plenty of water. If skin irritation persists, call a physician.
Inhalation	Remove to fresh air. If symptoms persist, call a physician.
Ingestion	Do not induce vomiting without medical advice. If large amounts are swallowed, contact a physician or Poison Control Center. Never give anything by mouth to an intoxicated, unconscious or convulsing person. Get medical attention immediately.

Most important symptoms and effects, both acute and delayed

Symptoms Not applicable.

Indication of any immediate medical attention and special treatment needed

Note to physicians Treat symptomatically.

5. Fire-fighting measures

<u>Suitable Extinguishing Media</u>	Foam, water fog, dry chemical, CO2.
<u>Unsuitable extinguishing media</u>	Do not use water jet as an extinguisher, as this will spread the fire.
<u>Specific hazards arising from the chemical</u>	Not applicable.
<u>Hazardous combustion products</u>	Oxides of sulfur, chlorine and carbon.
<u>Explosion data</u>	
<u>Sensitivity to Mechanical Impact</u>	Not applicable.
<u>Sensitivity to Static Discharge</u>	Not applicable.
<u>Special protective actions for fire-fighters</u>	As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Remove all sources of ignition. Ensure adequate ventilation, especially in confined areas. Use appropriate safety equipment. Evacuate personnel to safe areas. Do not touch or walk through spilled material.

Environmental precautions

Environmental precautions See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Methods for Containment Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Dike to collect large liquid spills. Prevent entry into waterways, sewers, basements or confined areas.

Methods for cleaning up Take up with sand or other non-combustible absorbent material and place into containers for later disposal. Check with local, state, and federal authorities as to disposal.

7. Handling and Storage

Precautions for safe handling

Advice on safe handling Use personal protective equipment as required. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Avoid breathing vapors or mists. Do not ingest. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Wash thoroughly after handling.

Conditions for safe storage, including any incompatibilities

Storage Conditions Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible materials Extremes of temperature and direct sunlight. Strong oxidizing agents.

8. Exposure Controls/Personal Protection

Control parameters

Exposure guidelines This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Petroleum distillates, hydrotreated heavy paraffinic 64742-54-7	5 mg/m ³	-	-

Appropriate engineering controls

Engineering controls As with all industrial products, use of good industrial hygiene practices is recommended. Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values.

Individual protection measures, such as personal protective equipment

Eye/face Protection Wear safety goggles if splashing or spraying is expected.

Skin and Body Protection Wear protective nitrile rubber gloves.

Respiratory protection Respiratory protection is not usually needed unless product is heated or misted. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

General hygiene considerations Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash face, hands and any exposed skin thoroughly after handling.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical State	Liquid	Odor	Sassafras
Appearance	Amber liquid	Odor threshold	No data available
Color	Amber		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	
Melting point/freezing point	No data available	
Boiling point / boiling range	No data available	
Flash Point	No data available	
Evaporation Rate	No data available	
Flammability (solid, gas)	No data available	
Flammability Limit in Air		
Upper flammability limit:	No data available	
Lower flammability limit:	No data available	
Vapor pressure	No data available	
Vapor Density	No data available	
Specific gravity	0.87160	
Water solubility	No data available	
Solubility in other solvents	No data available	
Partition coefficient	No data available	
Autoignition Temperature	No data available	
Decomposition temperature	No data available	
Kinematic viscosity	No data available	
Dynamic viscosity	No data available	

Other Information

Density	No data available
VOC content (grams/liter)	28.8g/l PER ASTM E-1868-10. SUPER COMPLIANT PER SCAQMD RULE 1144.

10. Stability and Reactivity

Reactivity No dangerous reaction known under conditions of normal use.

Chemical stability	Stable under recommended storage conditions.
Possibility of Hazardous Reactions	None under normal processing.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	Extremes of temperature and direct sunlight. Strong oxidizing agents.
Hazardous Decomposition Products	Oxides of carbon, sulfur and chlorine.

11. Toxicological Information

Information on likely routes of exposure

Product Information	Not applicable
Inhalation	This product is not classified as acutely toxic by inhalation.
Eye Contact	This product is not classified as an eye irritant.
Skin contact	This product is not classified as acutely toxic by the dermal route.
Ingestion	This product is not classified as acutely toxic by the oral route.

Chemical Name	Oral LD50	Dermal LD50
Petroleum distillates, hydrotreated heavy paraffinic 64742-54-7	> 15 g/kg (Rat)	-
lubricating oils, petroleum, hydrotreated, spent 64742-58-1	> 2000 mg/kg (Rat)	> 4480 mg/kg (Rabbit)
Chlorinated Paraffin 63449-39-8	= 26100 mg/kg (Rat) > 21500 µL/kg (Rat)	> 10 mL/kg (Rabbit)

Information on toxicological effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization This product is not classified as a skin sensitizer.
Germ cell mutagenicity Not classified; based on data on components.
Carcinogenicity None of the components of this product are classified as a carcinogenic.
Reproductive toxicity Effects on or via lactation.
STOT - single exposure None of the components of this product are classified as specific organ toxicants for a single exposure.
STOT - repeated exposure None of the components of this product are classified as specific organ toxicants for repeated exposure.
Aspiration hazard This product is not considered to present an aspiration hazard based on its physical properties and chemical composition.

Numerical measures of toxicity - Product Information**12. Ecological Information**

Ecotoxicity Toxic to aquatic life

Chemical Name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
Petroleum distillates, hydrotreated heavy paraffinic 64742-54-7		5000: 96 h Oncorhynchus mykiss mg/L LC50		1000: 48 h Daphnia magna mg/L EC50
lubricating oils, petroleum, hydrotreated, spent 64742-58-1		3.2: 96 h Pimephales promelas mg/L LC50 semi-static 79.6: 96 h Brachydanio rerio mg/L LC50 semi-static		
Chlorinated Paraffins 61788-76-9	Algae (Selenastrum capricornutum) 96 hr - EC50 (biomas) = >3.2 mg/l	Fish : Alburnus alburnus (bleak) 96hr - LC50 = >5000 mg/l		
Chlorinated Paraffin 63449-39-8		94.5 - 271: 96 h Oncorhynchus mykiss mg/L LC50 static 0.0109: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 0.1: 96 h Lepomis macrochirus mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static 300: 96 h Lepomis macrochirus mg/L LC50 static		102: 24 h Daphnia magna mg/L EC50

Persistence and degradability No information available

Bioaccumulation Not determined

Chemical Name	Partition coefficient
Chlorinated Paraffin 63449-39-8	>6

Other adverse effects Not determined

13. Disposal Considerations**Waste treatment methods**

Disposal of wastes Disposal should be in accordance with applicable regional, national and local laws and

regulations. Should not be released into the environment.

Contaminated packaging

Empty containers may contain harmful, flammable/combustible, or explosive residue or vapors. Dispose of in accordance with federal, state and local regulations.

14. Transport Information

<u>DOT</u>	Not regulated
<u>TDG</u>	Not determined
<u>MEX</u>	Not determined
<u>ICAO (air)</u>	Not determined
<u>IATA</u>	Not determined
<u>IMDG</u>	Not determined
<u>RID</u>	Not determined
<u>ADR</u>	Not determined
<u>ADN</u>	Not determined

15. Regulatory information

International Inventories

TSCA	Complies
DSL/NDSL	Not determined
ENCS	Not determined
IECSC	Not determined
KECL	Not determined
PICCS	Not determined
AICS	Not determined

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified 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

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA 311/312 Hazard Categories

Acute Health Hazard	No
Chronic Health Hazard	Yes
Fire Hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

US State Regulations**California Proposition 65**

This product is not known to contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Chlorinated Paraffin 63449-39-8		X	

U.S. EPA Label information

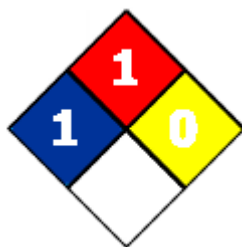
EPA Pesticide registration number Not applicable

16. Other information**NFPA**

Health hazards 1

Flammability 1

Instability 0

Physical and chemical
properties -**HMIS**

Health hazards 1

Flammability 1

Physical hazards 0

Personal Protection B

Issue date

23-Mar-2016

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24-Mar-2016

Revision note

Not applicable

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

