

# Safety Data Sheet

Issue Date: 10-June-2015

Revision Date:

Version 1

## 1. IDENTIFICATION

### Product Identifier

Product Name Kleen-Kut

### Other means of identification

SDS # 8248, 9465, 9937, 8425

UN/ID No UN 1950

### Recommended use of the chemical and restrictions on use

Recommended Use Metal Remove Lubricant

### Details of the supplier of the safety data sheet

#### Supplier Address

Tifco Industries, Inc.  
PO Box 40277  
Houston, TX 77240

### Emergency Telephone Number

Company Phone Number 281-571-6000  
Emergency Telephone (24 hr) Chem-Tel 800-255-3924

## 2. HAZARDS IDENTIFICATION

Appearance spray

Physical State Aerosol

Odor Hydrocarbon-like

### Classification

Flammable Aerosol (liquefied gas)	Category 1
Eye Irritant	Category 2B
Acute toxicity - Dermal	Category 4
Acute toxicity - Inhalation (Dusts/Mists)	Category 4
Aspiration Hazard	Category 1

### Hazard Not Otherwise Classified (HNOC)

#### Signal Word

DANGER



### Hazard Statements

Extremely flammable aerosol  
Contains gas under pressure: May explode if heated  
Causes eye irritation.

## Kleen-Cut

Harmful if inhaled.  
Harmful in contact with skin  
Maybe fatal if swallowed and enters airways.

### **Precautionary Statements - Prevention.**

Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area  
Wash hands thoroughly after handling. Wear protective gloves and eye protection.  
Keep away from heat, sparks, open flames, and hot surfaces. - No smoking  
Do not spray on an open flame or other ignition source.  
Pressurized container: Do not pierce or burn, even after use.

### **Precautionary Statements – Response.**

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 attention  
IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse  
Immediately call a poison center or doctor/physician  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing  
Immediately call a poison center or doctor/physician

### **Precautionary Statements – Storage**

Store locked up.  
Protect from sunlight.  
Do not expose/store to temperatures exceeding 50°C/122°F. Store in a well-ventilated place

### **Precautionary Statements – Disposal**

Dispose of contents and container in accordance with local, state, and national regulations.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Hydrotreated Light Naphthnic Pet Distillate	64742-53-6	10-30
Petroleum Distillates, Hydrotreated light	64742-47-8	Proprietary
Aliphatic Hydrocarbon Solvent	64742-88-7	Proprietary
Propane / n- Butane	68476-86-8	10-30

## 4. FIRST-AID MEASURES

### **First Aid Measures**

<b>General Advice</b>	Provide this SDS to medical personnel for treatment.
<b>Eye Contact</b>	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 or attention
<b>Skin Contact</b>	Wash contact areas with soap and water. Remove contaminated clothing. Launder contaminated clothing before reuse. If skin irritation persists, call a physician.
<b>Inhalation</b>	Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell
<b>Ingestion</b>	Do not induce vomiting without medical advice. Seek immediate medical attention/advice.

### **Most important symptoms and effects**

<b>Acute Health Hazard</b>	Eyes: redness, tearing, blurred vision Oral: Aspiration risk.
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<b>Chronic Health Hazard</b>	None-known.
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**Indication of any immediate medical attention and special treatment needed**

<b>Notes to Physician</b>	If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat symptomatically.
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**5. FIRE-FIGHTING MEASURES**

<b>Suitable Extinguishing Media</b>	Use water fog, foam, dry chemical or carbon dioxide (CO <sub>2</sub> ) to extinguish flames.
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<b>Unsuitable Extinguishing Media</b>	Do not use straight streams.
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<b>Specific Hazards Arising from the Chemical</b>	Not determined.
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<b>Hazardous Combustion Products</b>	Oxides of carbon.
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**Protective equipment and precautions for firefighters**

Evacuate area. Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus(SCBA). Use water spray to cool fire exposed surfaces and to protect personnel.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedure**

<b>Personal Precautions</b>	See Section 8 for Personal Protective Equipment.
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<b>Environmental Precautions</b>	See Section 12 for additional Ecological Information.
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**Spill**

<b>Methods for Clean-Up</b>	Use absorbent on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.
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<b>Waste Disposal</b>	Dispose of in accordance with local, State and Federal regulations. Do not dump in sewers. Use sand or other non-combustible absorbent material to clean up spill and place in container for later disposal. Containers may contain hazardous residue.
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<b>RCRA Status</b>	Product should be fully characterized prior to disposal (40 CFR 261)
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**7. HANDLING AND STORAGE****Precautions for safe handling**

<b>Advice on Safe Handling</b>	Handle in accordance with good industrial hygiene and safety practice. Wash face, hands, and any exposed skin thoroughly after handling. Use only with adequate ventilation. Keep away from heat/sparks/open flames/hot surfaces. — No smoking.
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**Conditions for safe storage, including any incompatibilities**

<b>Storage Conditions</b>	Pressurized container: Do not pierce or burn, even after use. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up.
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<b>Incompatible Materials</b>	Strong oxidizing agents.
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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Hydrotreated Heavy Naphtha Pet Dist	5 mg/m <sup>3</sup>	5 mg/m <sup>3</sup>	
Propane /n- Butane	1000 ppm	1000 ppm	-

**Appropriate engineering controls**

**Engineering Controls** Use in a well-ventilated area.

**Individual protection measures, such as personal protective equipment**

**Personal Protective Equipment** Safety glasses and chemical resistant gloves.

**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.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Information on basic physical and chemical properties**

<b>Physical State</b>	Aerosol	<b>Odor</b>	Hydrocarbon-like
<b>Appearance</b>	spray	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Yellow / Amber		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
<b>Melting Point</b>	Not determined	
<b>Boiling Point</b>	88°F	
<b>Freezing Point</b>	Not determined	
<b>Flammability</b>	Flammable aerosol	
<b>Flash Point</b>	Not determined	
<b>Auto-ignition Temperature</b>	Not determined	
<b>Upper / Lower Flammability Limit</b>	Not determined	
<b>Vapor Pressure (mm Hg)</b>	Not determined	@ 77°F / 25°C
<b>Vapor Density</b>	Not determined	(Air = 1)
<b>Evaporation Rate</b>	Not determined	(butyl acetate = 1)
<b>Specific Gravity</b>	0.67	
<b>pH</b>	Not determined	
<b>Solids</b>	Not determined	
<b>Water Solubility</b>	0%	
<b>Solubility in other solvents</b>	Not determined	
<b>Partition Coefficient</b>	Not determined	n-Octanol/Water (K <sub>ow</sub> )
<b>Volatility Including Water</b>	Not determined	
<b>VOC Content (%)</b>	Not determined	
<b>Dielectric Strength (Volts)</b>	Not determined	
<b>Decomposition Temperature</b>	Not determined	
<b>Explosive Properties</b>	Not determined	

## 10. STABILITY AND REACTIVITY

**Reactivity** Certain plastics, rubber, strong oxidizers.

**Chemical Stability** Stable under recommended storage conditions.

**Possibility of Hazardous Reactions** None under normal processing.

**Conditions to Avoid** Temperatures greater than 122°F and source of ignition.

**Incompatible Materials** Strong oxidizing agents and alkalis.

**Hazardous Decomposition Products** Oxide of carbon.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

**Eye Contact** May cause temporary irritation on eye contact.

**Skin Contact** Harmful in contact with skin.

**Inhalation** Harmful if inhaled.

**Ingestion** May cause gastrointestinal irritation, nausea, diarrhea, vomiting, abdominal cramps

### Information on physical, chemical and toxicological effects

**Symptoms** Please see section 4 of this SDS for symptoms.

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

**Carcinogenicity** OSHA: No ACGIH: N/A NTP: No IARC: N/A OTHER: N/A

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity** Harmful to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Petroleum Distillates, Hydrotreated light 64742-47-8		45: 96 h Pimephales promelas mg/L LC50 flow-through 2.2: 96 h Lepomis macrochirus mg/L LC50 static 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static		
Aliphatic Hydrocarbon Solvent 64742-88-7	450: 96 h Pseudokirchneriella subcapitata mg/L EC50	800: 96 h Pimephales promelas mg/L LC50 static		100: 48 h Daphnia magna mg/L EC50
Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5		5000: 96 h Oncorhynchus mykiss mg/L LC50		1000: 48 h Daphnia magna mg/L EC50

**Persistence/Degradability** Component(s) of this product are not biogradable.

**Bioaccumulation** This product is not expected to bioaccumulate.

**Mobility** This product is mobile in soil.

**Other Ecological Hazard** None known.

## 13. DISPOSAL CONSIDERATIONS

### Waste Treatment Methods

**Disposal of Wastes** Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

**RCA Status**

Should be fully characterized prior to disposal (40 CFR 261)..

**14. TRANSPORT INFORMATION****DOT**

**UN/ID No** UN1950  
**Proper Shipping Name** Aerosols, Ltd. Qty  
**Hazard Class / Division** 2.1

**IATA**

**UN/ID No** UN1950  
**Proper Shipping Name** Aerosols, Ltd. Qty  
**Hazard Class / Division** 2.1

**IMDG**

**UN/ID No** UN1950  
**Proper Shipping Name** Aerosols, Ltd. Qty  
**Hazard Class / Division** 2.1

**15. REGULATORY INFORMATION****International Regulations**

Not determined.

**US Federal Regulations****TSA STATUS**

All Chemicals are listed or exempt.

**CERCLA**

None

**SARA 311/312 Hazard Categories****Acute Health, Health Hazard.****SARA 313 Reportable Ingredients**

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

**US State Regulations****California Proposition 65:** none**16. OTHER INFORMATION****NFPA****Health Hazards**

1

**Flammability**

2

**Instability**

0

**Special Hazards**

Not determined

**HMIS****Health Hazards**

1

**Flammability**

2

**Physical Hazards**

0

**Personal Protection**

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**Issue Date:**

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New format

**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**