



Material Safety Data Sheet

Revision Date 05-Jan-2005

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product code 82288
Product name Kwikut
Recommended Use Lubricant
Supplier Lawson Products, Inc.
1666 East Touhy Avenue
Des Plaines, IL 60018
(847)-827-9666

Emergency telephone number (888) 426-4851

2. HAZARDS IDENTIFICATION

Emergency Overview

No information available

Color Colorless

Odor Solvent

Form Aerosol

Aggravated Medical Conditions None Known.

Principal Routes of Exposure Inhalation. Eyes. Skin contact.

Potential health effects

Eyes Irritation. Redness. Itching. Burning sensation.

Skin Repeated or prolonged exposure may cause: Skin Irritation. Redness. Itching. Burning sensation.

Inhalation Repeated or prolonged exposure may cause the following effects. Headaches. Dizziness. Nausea. Upper respiratory tract irritation. Central nervous system effects. Loss of coordination. Extreme overexposure may cause. Possible unconsciousness. Death.

Ingestion May be harmful if swallowed.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Chemical Name | CAS-No | Weight % |
|---|------------|----------|
| Petroleum distillates, hydrotreated heavy naphthenic | 64742-52-5 | 10-30 |
| Toluene | 108-88-3 | 1-5 |
| Heptane (n-) | 142-82-5 | 40-70 |
| Petroleum distillates, solvent-refined heavy naphthenic | 64741-96-4 | 3-7 |
| Propane | 74-98-6 | 7-13 |

4. FIRST AID MEASURES

| | |
|---------------------|--|
| Eye contact | Flush with plenty of water for at least 15 minutes. Seek medical attention. |
| Skin contact | Wash off immediately with soap and plenty of water. Remove and wash contaminated clothing before re-use. |
| Ingestion | Do not induce vomiting. Immediate medical attention is required. |
| Inhalation | Remove from exposure. Restore breathing. Keep warm and quiet. Consult a physician. |

5. FIRE FIGHTING MEASURES

| | |
|-----------------------|--------------------------|
| Flash point °C | < -17 |
| Flash point °F | < 0 |
| Method | No information available |

| | |
|------------------------------------|-------------------|
| Autoignition temperature °C | No data available |
| Autoignition temperature °F | |

| | |
|---------------------------------------|-----|
| Flammability Limits (% in Air) | |
| Upper | 9.5 |
| Lower | 1.0 |

Specific Information for Aerosol Products

| | |
|------------------------|---------|
| Flame extension | Unknown |
| Flashback | Unknown |

Suitable extinguishing media

Carbon dioxide (CO₂). dry chemical. Foam.

Extinguishing media which must NOT be used for safety reasons

No information available.

Special Fire-Fighting Procedures

Water spray may be ineffective. If water is used, fog nozzles are preferable. Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Fire and Explosion Hazards

During emergency conditions, overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention Water spray may be ineffective. If water is used, fog nozzles are preferable. Firefighters should wear NIOSH/MSHA approved (or equivalent) self-contained pressure-demand breathing apparatus and full protective clothing.

Sensitivity to shock

No information available.

Sensitivity to static discharge

No information available.

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up

Eliminate all sources of ignition. Ventilate area to maintain exposure below permissible exposure limits. Soak up with inert absorbent material.

7. HANDLING AND STORAGE

Handling

Keep in a well-ventilated place. Turn off other sources of ignition prior to use and until all vapors have dissipated. Vapors may accumulate readily and may ignite explosively. Remove all sources of ignition. Keep away from open flame. Do not smoke. Check to make sure that all equipment is properly grounded and installed to satisfy electrical classification requirements. Contents under pressure. Do not puncture or incinerate. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of reach of children.

Storage

Store in temperatures below 120 degrees F.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

| Chemical Name | OSHA PEL (TWA) | OSHA PEL (Ceiling) | ACGIH OEL (TWA) | ACGIH OEL (STEL) |
|---|------------------------------------|--------------------|--|------------------|
| Heptane (n-) | 2000 mg/m ³ 500 ppm | - | 400 ppm | 500 ppm |
| Petroleum distillates, hydrotreated heavy naphthenic | - | - | - | - |
| Propane | 1000 ppm 1800 mg/m ³ | - | 1000 ppm listed under aliphatic hydrocarbon gases alkane C1-C4 | - |
| Petroleum distillates, solvent-refined heavy naphthenic | - | - | - | - |
| Toluene | 200 ppm | 300 ppm | 50 ppm | - |

Ventilation and Environmental Controls

Local: recommended. Adequate ventilation should be provided to keep exposure levels below current acceptable exposure limits. General: as necessary.

Hygiene measures

Wash hands before breaks and immediately after handling the product.

Personal protective equipment**Respiratory protection**

If the exposure limits are exceeded, a NIOSH/MSHA approved respirator is recommended.

Hand protection

Gloves are not required in normal use. Required for prolonged or repeated contact. Chemical resistant gloves.

Eye protection

Avoid contact with eyes. Wear safety glasses with side shields.

Skin and body protection

No information available

9. PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-------------------------------|-------------------|--|--------------------------|
| Form | Aerosol | Color | Colorless |
| Odor | Solvent | Odor Threshold | No information available |
| pH | No data available | Specific Gravity | 0.72 |
| Vapor pressure | No data available | Vapor density | >1 (air=1) |
| Evaporation Rate | >1 (ether = 1) | VOC Content | 70.00 % |
| Water solubility | No data available | Partition Coefficient (n-octanol/water) | No data available |
| Boiling point/range °F | < 0 - 238 | Boiling point/range °C | < -18 - 114 |
| Melting point/range °F | No data available | Melting point/range °C | No data available |
| Flash point °F | < 0 | Flash point °C | < -17 |

10. STABILITY AND REACTIVITY**Stability**

Stable.

Conditions to avoid

None known.

Materials to avoid

None.

Hazardous decomposition products

Carbon dioxide. Carbon monoxide.

Polymerization

Will not occur.

Synergistic Products

No information available.

11. TOXICOLOGICAL INFORMATION**Component Information**

| Chemical Name | LD50 (oral, rat) | LD50 (dermal, rat/rabbit) | LC50 (inhalation, rat) |
|---------------------------------|------------------|---------------------------|----------------------------------|
| <i>Heptane (n-)</i> 142-82-5 | | | 103 g/m ³ |
| <i>Toluene</i> 108-88-3 | 636 mg/kg | 14100 µL/kg | 400 mg/kg 49 g/m ³ |

Potential health effects**Sensitization**

No information available.

Chronic toxicity

No information available.

Mutagenic effects

No information available.

Teratogenic effects

No information available

Reproductive toxicity

No information available

Target Organ Effects

No information available

Carcinogenic effects

No information available

| Chemical Name | ACGIH OEL - Carcinogens | IARC | NTP | OSHA |
|---------------|---|------|-----|------|
| Toluene | A4 - Not Classifiable as a Human Carcinogen | | | |

Specific Hazards

Hexane has been reported to affect the central nervous system

12. ECOLOGICAL INFORMATION

Toluene

Microtox Data*Photobacterium phosphoreum* EC50=19.7 mg/L (30 min)**Water Flea Data**

water flea EC50=11.3 mg/L (48 h)

water flea EC50=310 mg/L (48 h)

Ecotoxicity effects

No information available

13. DISPOSAL CONSIDERATIONS**Waste from residues / unused products**

Dispose in accordance with federal, state, and local regulations.

Disposal Information

As supplied, this product is a RCRA Hazardous Waste. Waste must be tested for ignitability to determine EPA hazardous waste numbers. Do not puncture or incinerate. Depressurize before disposal.

14. TRANSPORT INFORMATION**DOT**

Consumer commodity (Heptane (n-), Propane), ORM-D,

TDG

AEROSOLS(Heptane (n-),Propane), Class 2.2, (5.1),UN1950,PG

IMDG/IMO

Aerosols(Heptane (n-),Propane),UN1950,PG

IATAAerosols, flammable,(Heptane (n-),Propane),UN1950
Hazard Class 2.1**MEX**

UN1950 Aerosols(Heptane (n-),Propane),2.2,

15. REGULATORY INFORMATION

| Chemical Name | US EPA SARA 313 Emission Reporting |
|---------------|------------------------------------|
| Toluene | LISTED |

State Regulations

| Chemical Name | New Jersey - RTK | Pennsylvania - RTK | California Prop. 65 |
|---|------------------|--------------------|---------------------|
| Heptane (n-) | Listed | Listed | Not Listed |
| Petroleum distillates, hydrotreated heavy naphthenic | Not Listed | Not Listed | Not Listed |
| Propane | Listed | Listed | Not Listed |
| Petroleum distillates, solvent-refined heavy naphthenic | Not Listed | Not Listed | Not Listed |
| Toluene | Listed | Listed | Developmental |

International Inventories

| Chemical Name | EINECS | DSL | NDSL | TSCA |
|---|--------|-----|------|------|
| Heptane (n-) | X | X | - | X |
| Petroleum distillates, hydrotreated heavy naphthenic | X | X | - | X |
| Propane | X | X | - | X |
| Petroleum distillates, solvent-refined heavy naphthenic | X | X | - | X |
| Toluene | X | X | - | X |

CPRC

This product has been classified in accordance with the hazard criteria of the Controlled Product Regulations and the MSDS contains all of the information required by the Controlled Product Regulations

16. OTHER INFORMATION

| NFPA | | HMIS | |
|---------------------|---|------------------------|---|
| Health | - | Health | 2 |
| Flammability | - | Flammability | 4 |
| Reactivity | - | Physical Hazard | 0 |

Reason for revision No information available.

Prepared By Regulatory Department.

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.