

Johnson-Promident Safety Data Sheet

Section 1: Identification

Product Name: Premium Lubricant and Cleaner for Kavo

Product Code: L-KL

Manufacturer/Supplier: Johnson-Promident

Address: 618 Corporate Way Unit 1, Valley Cottage NY 10989

General Information: 845-589-0210

Emergency Number: Chemtrec: 800-424-9300

Recommended intended purpose: Technical aerosol

Section 2: Hazard(s) Identification

Hazardousness: Inflammable liquid, high-pressure gas. The lubricant contains an inflammable gas and is inflammable at room temperatures. Vapor produces an air-explosive gas mixture. The lubricant contains a combustible gas. The gas, if left as is leads to a risk of explosion.

Harmfulness: The lubricant is an irritant to skin and eyes. When the lubricant is swallowed or its vapor is inhaled in high concentrations, headaches, dizziness, vomiting, or blackouts can result.

Environmental effect: The lubricant is harmful to aqueous living things when in high concentrations.

Section 3: Composition/Information on Ingredients

Hazardous ingredients

CAS No	Name	% weight
74-98-6	propane	25 - 27
106-97-8	butane	25 - 27
111-65-9	octane [and isomers]	4.1 F

Section 4: First-Aid Measures

General information: Remove contaminated soaked clothing immediately.

In case of inhalation: Immediately move the affected person to a place with fresh air and keep him/her warm and quiet and seek medical attention. If he/she experiences irregular breathing or has already stopped breathing carry out artificial respiration.

In case of skin contact: Wipe off lubricant with a cloth and wash skin clean with water.

In case of eye contact: Immediately wash eyes with clean water for 15 minutes or more and seek medical attention.

In case of ingestion: Do not induce vomiting. Rinse out mouth and give plenty of water to drink. Seek medical treatment.

Physician's information/possible symptoms: The following symptoms may occur:

Unconsciousness

Headache

Confusion

Dizziness

Section 5: Fire-Fighting Measures

Firefighting methods

In case of a surrounding fire: Promptly move the container to a safe place. If the lubricant cannot be moved, sprinkle the container and its surroundings with water and cool down the container.

If the lubricant has caught fire: At the initial stage of a fire, use powder carbon dioxide, dry sand, etc. In case of a larger fire, it is effective to use a foam fire extinguisher and block out the air.

Wear proper protective equipment (rescue suit) and extinguish the fire from the windward side.

Immediately remove any inflammable items from the surrounding area.

Firefighting agents:

Alcohol-resistant foam

Dry fire-extinguishing substance

Dry powder

Carbon dioxide

sand

Water spray jet

Section 6: Accidental Release Measures

Instruct people on the leeward side to seek shelter. Rope off the area where a leak has occurred to keep people away. Immediately remove any item that would act as a source of a fire. When necessary measures must be taken, wear protective equipment (gloves, protective mask, protective glasses, etc.). Do not stay on the leeward side. Prepare suitable fire extinguishers in case of accidents.

In case of small amounts of leaking lubricant: Supply earth and sand to absorb the lubricant before collecting it in an empty container.

In case of large amounts of leaking lubricant: Use earth and sand to stop the flow of leaking lubricant and lead the lubricant to a safe area. Then cover the surface of the liquid with foam and collect as much of the liquid as possible in an empty container.

Section 7: Handling and Storage

Handling

Handle the lubricant in a well-ventilated place. Do not place the container of the lubricant in a place that may become hot, or the container may explode. Wear proper protective equipment so as to prevent the lubricant from contacting skin or vapor inhalation. Keep the source of vapor airtight or provide a local exhaust system. Be careful about fire. It is desirable that electrical equipment should be constructed to be explosion proof. The lubricant must be handled at room temperature as a rule while paying attention to prevent moisture and dirt from entering the lubricant.

Storage

Avoid direct sunlight and store the lubricant in a well-ventilated dark and cool place. Keep the lubricant as far away as possible from fire and sources of heat. Do not place the lubricant in a place where

temperature exceeds 40°C. Keep the lubricant isolated from perchloric acid, hydrogen peroxide water, sodium peroxide, chromic acid, and nitric acid.

Section 8: Exposure Controls/Personal Protection

Respiratory protection: Not necessarily

Hand protection: Use chemical resistant gloves if needed to avoid prolonged or repeated skin contact.

Eye protection: Safety goggles

Skin protection: Protective clothing

General protective measures: Avoid contact with eyes and skin

Hygiene measures: Please observe work hygiene regulations

Section 9: Physical and Chemical Properties

Form: aerosol

Color: yellowish

Odor: perceptible

Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
Flash point	ca. -80 °C				
Ignition temperature	ca. 400 °C				
Lower explosion limit	not determined				
Upper explosion limit	not determined				
Vapor pressure	not determined				
Density	not determined				
Solubility in water					insoluble
Explosive properties					

The product is considered non-explosive; nevertheless explosive vapor/air mixtures can be generated.

Section 10: Stability and Reactivity

Conditions to avoid: Keep away from heat.

Materials to avoid: Reactions with strong acids and alkalis. Reactions with strong oxidizing agents.

Hazardous decomposition products: Carbon monoxide and carbon dioxide.

Section 11: Toxicological Information

Experiences made from practice

Contact with the skin and the eyes may cause irritation.

Inhalation causes headache/nausea.

Inhalation causes narcotic effect/intoxication.

Additional information

Other hazardous properties may not be excluded.

The product is to be handled with the caution usual with chemicals.

Section 12: Ecological Information* (non-mandatory)

No environmental pollutions expected with intended usage.

Section 13: Disposal Considerations* (non-mandatory)

Recommendations for the product: Remove in accordance with local official regulations. Dispose of as hazardous waste.

Recommendations for packaging: Dispose of in accordance with legal regulations. Uncontaminated packaging may be taken for recycling.

Section 14: Transport Information* (non-mandatory)

Land and inland navigation transport ADR/RID

UN 1950 AEROSOLS, 2.1

transport in "limited quantities" according to 3.4 ADR LQ2 is possible

Marine transport IMDG

UN 1950 AEROSOLS, 2.1

Transport as limited quantities according to 3.4 IMDG Code is possible.

Air transport ICAO/IATA-DGR

UN 1950 Aerosols, flammable, 2.1

Section 15: Regulatory Information* (non-mandatory)

Section 16: Other Information

The information and recommendations contained herein are, to the best of Johnson-Promident's knowledge and belief, accurate and reliable as of date issued. Johnson-Promident does not warrant or guarantee their accuracy (or reliability) and Johnson-Promident shall not be liable for any loss or damage arising out of the use thereof.

The information and recommendations are offered for the user's consideration and examination, and it is the user's responsibility to satisfy itself that they are suitable and complete for its particular use. If buyer repackages this product, legal council should be consulted to insure proper health, safety, and other necessary information is included on the container.

The environmental information included as well as the hazardous materials identification (HMIS) and national fire protection association (NFPA) ratings have been included by us in order to provide additional health and hazard classification information.