

# SAFETY DATA SHEET

Classified in accordance 29 CFR 1910.1200

## 1. Identification

**Product Name:** FOOD LUBE FOOD GRADE EQUIPMENT LUBRICANT  
**Product No.** 74110

### Recommended restrictions

**Recommended use:** Lubricant  
**Restrictions on use:** Not known.

### Manufacturer/Importer/Distributor Information

#### Distributor

**Company Name:** IBS, Inc.  
**Address:** P.O. BOX 1717  
AUBURN, WA 98071-1717  
US  
**Telephone:** 253-804-8666 Toll Free: 800-678-1906

**Emergency telephone number:** 1-800-255-3924 CHEM-TEL

## 2. Hazard(s) identification

### Hazard Classification

#### Physical Hazards

Flammable aerosol Category 1

#### Health Hazards

Aspiration Hazard Category 1

### Label Elements

#### Hazard Symbol:



**Signal Word:** Danger

**Hazard Statement:** Extremely flammable aerosol.  
May be fatal if swallowed and enters airways.

#### Precautionary Statements

**Prevention:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.

**Response:** IF SWALLOWED: Immediately call a POISON CENTER/doctor Do NOT induce vomiting.

**Storage:** Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up.

**Disposal:** Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

**Hazard(s) not otherwise classified (HNOC):** None.

### 3. Composition/information on ingredients

#### Mixtures

Chemical Identity	CAS number	Content in percent (%)*
White mineral oil (petroleum)	8042-47-5	50 - <100%
Butane	106-97-8	10 - <20%
Propane	74-98-6	5 - <10%

\* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

The exact concentration has been withheld as a trade secret.

### 4. First-aid measures

#### Description of necessary first-aid measures

**Inhalation:** Move to fresh air.

**Skin Contact:** Wash skin thoroughly with soap and water. Get medical attention if symptoms occur.

**Eye contact:** Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. If eye irritation persists: Get medical advice/attention.

**Ingestion:** Call a physician or poison control center immediately. Rinse mouth. Never give liquid to an unconscious person. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

**Personal Protection for First-aid Responders:** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

#### Most important symptoms/effects, acute and delayed

**Symptoms:** No data available.

**Hazards:** No data available.

#### Indication of immediate medical attention and special treatment needed

**Treatment:** Symptoms may be delayed.

## 5. Fire-fighting measures

**General Fire Hazards:** Use water spray to keep fire-exposed containers cool. Fight fire from a protected location. Move containers from fire area if you can do so without risk.

### Suitable (and unsuitable) extinguishing media

**Suitable extinguishing media:** Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable extinguishing media:** Do not use water jet as an extinguisher, as this will spread the fire.

**Specific hazards arising from the chemical:** Vapors may travel considerable distance to a source of ignition and flash back.

### Special protective equipment and precautions for firefighters

**Special fire fighting procedures:** No data available.

**Special protective equipment for fire-fighters:** Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

## 6. Accidental release measures

**Personal precautions, protective equipment and emergency procedures:** Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind.

**Accidental release measures:** Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do so without risk.

**Methods and material for containment and cleaning up:** Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

**Environmental Precautions:** Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.

## 7. Handling and storage

### Handling

**Technical measures (e.g. Local and general ventilation):** No data available.

**Safe handling advice:** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.

**Contact avoidance measures:** No data available.



## Storage

**Safe storage conditions:** Store locked up. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Aerosol Level 3

**Safe packaging materials:** No data available.

**Storage Temperature:** No data available.

## 8. Exposure controls/personal protection

### Control Parameters

#### Occupational Exposure Limits

Chemical Identity	Type	Exposure Limit Values	Source
White mineral oil (petroleum) - Mist.	REL	5 mg/m <sup>3</sup>	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	STEL	10 mg/m <sup>3</sup>	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL	5 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
White mineral oil (petroleum) - Inhalable fraction.	TWA	5 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	TWA	5 mg/m <sup>3</sup>	US. ACGIH Threshold Limit Values, as amended
Butane	REL	800 ppm 1,900 mg/m <sup>3</sup>	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	STEL	1,000 ppm	US. ACGIH Threshold Limit Values, as amended
	TWA	800 ppm 1,900 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Propane	REL	1,000 ppm 1,800 mg/m <sup>3</sup>	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL	1,000 ppm 1,800 mg/m <sup>3</sup>	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	1,000 ppm 1,800 mg/m <sup>3</sup>	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended

**Appropriate Engineering Controls** No data available.

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

**Eye/face protection:** Wear safety glasses with side shields (or goggles).

### Skin Protection

**Hand Protection:** No data available.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.

**Hygiene measures:** Observe good industrial hygiene practices. When using do not smoke.

## 9. Physical and chemical properties

### Appearance

**Physical state:** liquid  
**Form:** Spray Aerosol  
**Color:** No data available.  
**Odor:** No data available.



<b>Odor Threshold:</b>	No data available.
<b>pH:</b>	No data available.
<b>Freezing point:</b>	No data available.
<b>Boiling Point:</b>	No data available.
<b>Flash Point:</b>	Estimated -104.4 °C
<b>Evaporation Rate:</b>	No data available.
<b>Flammability (solid, gas):</b>	No data available.
<b>Explosive limit - upper (%):</b>	9.5 %(V)
<b>Explosive limit - lower (%):</b>	1.9 %(V)
<b>Vapor pressure:</b>	3,102 - 3,792 hPa (20 °C)
<b>Vapor density (air=1):</b>	No data available.
<b>Density:</b>	No data available.
<b>Relative density:</b>	No data available.
<b>Solubility in Water:</b>	No data available.
<b>Solubility (other):</b>	No data available.
<b>Partition coefficient (n-octanol/water):</b>	No data available.
<b>Self Ignition Temperature:</b>	No data available.
<b>Decomposition Temperature:</b>	No data available.
<b>Kinematic viscosity:</b>	No data available.
<b>Dynamic viscosity:</b>	No data available.
<b>Explosive properties:</b>	No data available.
<b>Oxidizing properties:</b>	No data available.

## 10. Stability and reactivity

<b>Reactivity:</b>	No data available.
<b>Chemical Stability:</b>	Material is stable under normal conditions.
<b>Possibility of hazardous reactions:</b>	No data available.
<b>Conditions to avoid:</b>	Avoid heat or contamination.
<b>Incompatible Materials:</b>	No data available.
<b>Hazardous Decomposition Products:</b>	No data available.

## 11. Toxicological information

### Information on likely routes of exposure

<b>Inhalation:</b>	No data available.
<b>Skin Contact:</b>	No data available.
<b>Eye contact:</b>	No data available.
<b>Ingestion:</b>	No data available.

## Symptoms related to the physical, chemical and toxicological characteristics

<b>Inhalation:</b>	No data available.
<b>Skin Contact:</b>	No data available.
<b>Eye contact:</b>	No data available.
<b>Ingestion:</b>	No data available.

## Information on toxicological effects

### Acute toxicity (list all possible routes of exposure)

<b>Oral</b>	
<b>Product:</b>	Not classified for acute toxicity based on available data.
<b>Dermal</b>	
<b>Product:</b>	Not classified for acute toxicity based on available data.
<b>Inhalation</b>	
<b>Product:</b>	Not classified for acute toxicity based on available data.

### Repeated dose toxicity

**Product:** No data available.

#### Components:

White mineral oil (petroleum)	NOAEL (Rat(Female, Male), Oral, 90 d): $\geq 20,000$ ppm(m) Oral Experimental result, Key study
Butane	LOAEL (Rat(Female, Male), Inhalation, $\geq 28$ d): 12,000 ppm(m) Inhalation Experimental result, Key study NOAEL (Rat(Female, Male), Inhalation, $\geq 28$ d): 4,000 ppm(m) Inhalation Experimental result, Key study
Propane	NOAEL (Rat(Female, Male), Inhalation, $\geq 28$ d): 4,000 ppm(m) Inhalation Experimental result, Key study LOAEL (Rat(Female, Male), Inhalation, $\geq 28$ d): 12,000 ppm(m) Inhalation Experimental result, Key study

### Skin Corrosion/Irritation

**Product:** No data available.

#### Components:

White mineral oil (petroleum)	in vivo (Rabbit): Not irritant
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### Serious Eye Damage/Eye Irritation

**Product:** No data available.

#### Components:

White mineral oil (petroleum)	Rabbit, 24 - 72 hrs: Not irritating
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### Respiratory or Skin Sensitization

**Product:** No data available.

#### Components:

White mineral oil (petroleum)	Skin sensitization:, in vivo (Guinea pig): Non sensitising
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### Carcinogenicity

**Product:** No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogenic components identified

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:**

No carcinogenic components identified

**Germ Cell Mutagenicity**

**In vitro**

**Product:** No data available.

**In vivo**

**Product:** No data available.

**Reproductive toxicity**

**Product:** No data available.

**Specific Target Organ Toxicity - Single Exposure**

**Product:** No data available.

**Specific Target Organ Toxicity - Repeated Exposure**

**Product:** No data available.

**Aspiration Hazard**

**Product:** No data available.

**Components:**

White mineral oil (petroleum) May be fatal if swallowed and enters airways.

**Other effects:** No data available.

**12. Ecological information**

**Ecotoxicity:**

**Acute hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Components:**

White mineral oil (petroleum) NOAEL (Oncorhynchus mykiss, 96 h):  $\geq 100$  mg/l Experimental result, Key study

Butane LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study

Propane LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study

**Aquatic Invertebrates**

**Product:** No data available.

**Components:**

White mineral oil (petroleum) NOAEL (Daphnia magna, 48 h):  $\geq 100$  mg/l Experimental result, Key study

Butane LC 50 (Daphnia sp., 48 h): 69.43 mg/l QSAR QSAR, Key study

**Chronic hazards to the aquatic environment:**

**Fish**

**Product:** No data available.

**Components:**

White mineral oil (petroleum) NOAEL (Oncorhynchus mykiss): >= 1,000 mg/l QSAR QSAR, Supporting study

**Aquatic Invertebrates**

**Product:** No data available.

**Components:**

White mineral oil (petroleum) NOAEL (Daphnia magna): >= 1,000 mg/l QSAR QSAR, Supporting study

**Toxicity to Aquatic Plants**

**Product:** No data available.

**Persistence and Degradability**

**Biodegradation**

**Product:** No data available.

**Components:**

White mineral oil (petroleum) 31 % (28 d) Detected in water. Read-across from supporting substance (structural analogue or surrogate), Supporting study

Butane 100 % (385.5 h) Detected in water. Experimental result, Key study

Propane 100 % (385.5 h) Detected in water. Experimental result, Key study  
50 % (3.19 d) Detected in water. QSAR, Weight of Evidence study

**BOD/COD Ratio**

**Product:** No data available.

**Bioaccumulative potential**

**Bioconcentration Factor (BCF)**

**Product:** No data available.

**Partition Coefficient n-octanol / water (log Kow)**

**Product:** No data available.

**Mobility in soil:** No data available.

**Components:**

White mineral oil (petroleum) No data available.

Butane No data available.

Propane No data available.

**Other adverse effects:** No data available.

**13. Disposal considerations**

**Disposal instructions:** Discharge, treatment, or disposal may be subject to national, state, or local laws.

**Contaminated Packaging:** No data available.





## 14. Transport information

### DOT

UN Number: UN 1950  
UN Proper Shipping Name: Aerosols, flammable  
Transport Hazard Class(es)  
Class: 2.1  
Label(s): –  
EmS No.: –  
Packing Group: –  
Special precautions for user: Not regulated.

### IATA

UN Number: UN 1950  
UN Proper Shipping Name: Aerosols, flammable  
Transport Hazard Class(es):  
Class: 2.1  
Label(s): –  
Packing Group: –  
Special precautions for user: Not regulated.  
Other information  
Passenger and cargo aircraft: Allowed. 203  
Cargo aircraft only: Allowed. 203

### IMDG

UN Number: UN 1950  
UN Proper Shipping Name: Aerosols, flammable  
Transport Hazard Class(es)  
Class: 2  
Label(s): –  
EmS No.: –  
Packing Group: –  
Special precautions for user: Not regulated.

## 15. Regulatory information

### US Federal Regulations

**Restrictions on use:** Not known.

### TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)

**US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)**

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended**  
None present or none present in regulated quantities.

### CERCLA Hazardous Substance List (40 CFR 302.4):

#### Chemical Identity

UNLISTED HAZARDOUS WASTES CHARACTERISTIC OF IGNITABILITY  
RCRA HAZARDOUS WASTE NO. D001  
UNLISTED HAZARDOUS WASTES CHARACTERISTIC OF IGNITABILITY

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

#### **Hazard categories**

Flammable aerosol, Aspiration Hazard

**US. EPCRA (SARA Title III) Section 304 Extremely Hazardous Substances Reporting Quantities and the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Hazardous Substances**

**US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required**

None present or none present in regulated quantities.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):**

**Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)**

#### **US State Regulations**

##### **US. California Proposition 65**

No ingredient requiring a warning under CA Prop 65.

##### **US. New Jersey Worker and Community Right-to-Know Act**

###### **Chemical Identity**

White mineral oil (petroleum)

Butane

Propane

##### **US. Massachusetts RTK - Substance List**

No ingredient regulated by MA Right-to-Know Law present.

##### **US. Pennsylvania RTK - Hazardous Substances**

###### **Chemical Identity**

White mineral oil (petroleum)

Butane

Propane

##### **US. Rhode Island RTK**

No ingredient regulated by RI Right-to-Know Law present.

#### **International regulations**

##### **Montreal protocol**

Not applicable

##### **Stockholm convention**

Not applicable

##### **Rotterdam convention**

Not applicable

##### **Kyoto protocol**

Not applicable

**Inventory Status:**

Australia AICS	On or in compliance with the inventory
Canada DSL Inventory List	On or in compliance with the inventory
Canada NDSL Inventory	Not in compliance with the inventory.
Ontario Inventory	On or in compliance with the inventory
China Inv. Existing Chemical Substances	On or in compliance with the inventory
Japan (ENCS) List	On or in compliance with the inventory
Japan ISHL Listing	On or in compliance with the inventory
Japan Pharmacopoeia Listing	Not in compliance with the inventory.
Korea Existing Chemicals Inv. (KECI)	On or in compliance with the inventory
Mexico INSQ	Not in compliance with the inventory.
New Zealand Inventory of Chemicals	On or in compliance with the inventory
Philippines PICCS	On or in compliance with the inventory
Taiwan Chemical Substance Inventory	On or in compliance with the inventory
US TSCA Inventory	On or in compliance with the inventory
EINECS, ELINCS or NLP	Not in compliance with the inventory.

<b>16. Other information, including date of preparation or last revision</b>
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<b>Issue Date:</b>	08/25/2020
<b>Revision Information:</b>	No data available.
<b>Version #:</b>	1.0
<b>Further Information:</b>	No data available.
<b>Disclaimer:</b>	This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.