



Safety Data Sheet

Issue Date: 01-Aug.-2017

Revision Date: 25-Oct-2017

Version 1

1. IDENTIFICATION

Product Identifier

Product Name SK-USA Bed Lube

Other means of identification

SDS # N/A
WOC-058

Recommended use of the chemical and restrictions on use

Recommended Use Process Oil

Details of the supplier of the safety data sheet

Supplier Address

Chamberlain Oil Co., Inc.
1200 29th Ave NE
Sauk Rapids, MN 56379

Emergency Telephone Number

Emergency Telephone (24 hr) CHEMTREC 1-800-424-9300

2. HAZARDS IDENTIFICATION

UNITED STATES (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012 Aspiration 1

Label elements

OSHA HCS 2012

DANGER



Hazard statements

May be fatal if swallowed and enters airways

Precautionary statements

Response

IF SWALLOWED: Immediately call a POISON CENTER/doctor.
DO NOT induce vomiting.

Storage/Disposal

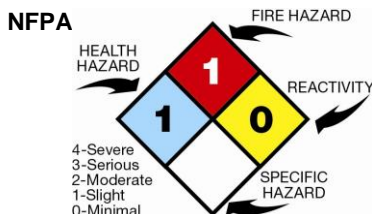
Store locked up.
Dispose of content and/or container in accordance with local, regional, national and/or international regulations.

HCS 2012 Other Information

Repeated exposure may cause skin dryness or cracking.
Used oil may contain harmful impurities.

Other hazards
OSHA HCS 2012

Under United States Regulations (29 CFR 1910.1200 – Hazard Communication Standard), this product is considered hazardous.

Other information**3. COMPOSITION/INFORMATION ON INGREDIENTS****Substances****Substance**

COMPOSITION		
Chemical Name	Identifiers	%
Hydrotreated heavy paraffinic petroleum distillate	CAS: 64742-54-7	100

This highly refined mineral oil contains <3% (w/w) DMSO-extract, according to IP346. The chemical nature of the substance is highly refined mineral oil.

Mixtures

Material does not meet the criteria of a mixture.

4. FIRST-AID MEASURES**Description of first aid measures****Inhalation**

Move victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. Do not use mouth-to-mouth method if victim inhaled the substance; give artificial respiration with aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If signs/symptoms continue, get medical attention.

Skin

In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Remove clothing and wash thoroughly before use. If irritation develops and persists, get medical attention.

Eye

In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.

Ingestion

Do NOT induce vomiting. Do not use mouth-to-mouth method if victim ingested the substance. If any of the following delayed signs and symptoms appear within the next 6 hours, transport to nearest medical facility: fever greater than 101°F (38.3°C), shortness of breath, chest congestion or continued coughing or wheezing. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

Most important symptoms and effects, both acute and delayed

Refer to Section 11 – Toxicological Information

Indication of any immediate medical attention and special treatment needed**Notes to Physician**

All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable Extinguishing Media LARGE FIRE: Water spray, fog or regular foam.
SMALL FIRES: Dry chemical CO₂, water spray or regular foam.

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards No data available.

Hazardous Combustion Products Hazardous combustion products may include: A complex mixture of airborne solid and liquid particulates and gases (smoke). Carbon monoxide may be evolved if incomplete combustion occurs. Unidentified organic and inorganic compounds.

Advice for firefighters

Structural firefighters' protective clothing will only provide limited protection. Wear positive pressure self-contained breathing apparatus (SCBA).

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Do not walk through spilled material. Slippery when spilt. Wear appropriate personal protective equipment, avoid direct contact.

Emergency Procedures Keep unauthorized personnel away. Stay upwind.

Environmental precautions

Avoid run off to waterways and sewers.

Methods and material for containment and cleaning up

Containment/Clean-Up Measures Stop leak if you can do it without risk.
SMALL SPILLS: Take up with sand or other non-combustible absorbent material and place into containers for later disposal.
LARGE SPILLS: Dike far ahead of liquid spill for later disposal.

7. HANDLING AND STORAGE

Precautions for safe handling

Handling Use only with adequate ventilation. This material has the potential to be a static accumulator. Wear appropriate personal protective equipment, avoid direct contact. Avoid breathing mist, vapors and/or spray. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. When handling product in drums, safety footwear should be worn and proper handling equipment should be used. Properly dispose of any contaminated rags or cleaning materials in order to prevent fires.

Conditions for safe storage, including any incompatibilities

Storage Keep container tightly closed. Store in a cool, well-ventilated place. Use properly labeled and closable containers. For containers or container linings, use mild steel or high density polyethylene. Do not use PVC.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Exposure Limits/Guidelines		
	Result	ACGIH
Hydrotreated heavy paraffinic petroleum distillate	TWA's	5 mg/m ³ TWA (excluding metal working fluids, inhalable particulate matter) <i>As Mineral oil, highly and severely refined</i>

Exposure controls

Engineering Measures/Controls Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protective Equipment

Respiratory In case of insufficient ventilation, wear suitable respiratory equipment. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter. Select a filter suitable for the combination of organic gases and vapors [Type A/Type P boiling point >65°C (149°F)]

Eye/Face Wear protective eyewear (goggles, face shield, or safety glasses)

Skin/Body Where hand contact with the product may occur the use of gloves approved to relevant standards (e.g. Europe: EN374, US: F739) made from the following materials may provide suitable chemical protection. PVC, neoprene or nitrile rubber gloves suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, dexterity.

Environmental Exposure Controls Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow best practice for site management and disposal of waste.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Clear liquid with slight hydrocarbon odor
Color	Clear	Odor	Slight hydrocarbon
Odor Threshold	Not data available		
General Properties			
Boiling Point	> 208 °C (. 406.4 °F)	Melting Point/Freezing Point	No data available
Decomposition Temperature	No data available	pH	Not applicable
Specific Gravity/Relative Density	= 0.83 @ 15 °C (59 °F) Water = 1	Density	830 kg/m ³ @ 15 °C (59 °F)
Water Solubility	Negligible	Viscosity	18 to 22 Centistoke (cSt, cS) or mm ² /sec @ 40 °C (104 °F)
Volatility			
Vapor Pressure	< 0.0005 kPa @ 20 °C (68 °F)	Vapor Density	No data available
Evaporation rate	No data available		
Flammability			
Flash Point	> 199 °C (. 390.2 °F) COC (Cleveland Open Cup)	UEL	10%
LEL	1%	Autoignition	> 320 °C (> 608 °F)

Flammability (solid, gas)	No data available		
Environmental			
Octanol/Water Partition coefficient	No data available		

10. STABILITY AND REACTIVITY

Reactivity

No dangerous reaction known under conditions of normal use.

Chemical stability

Stable under normal temperatures and pressures.

Possibility of hazardous reactions

Hazardous polymerization will not occur.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

Strong oxidizing agents.

Hazardous decomposition products

Hazardous decomposition products are not expected to form during normal storage.

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Components		
Hydrotreated heavy paraffinic petroleum distillate (100%)	64742-54-7	Acute Toxicity: Ingestion/Oral-Rat LD50 • 15 g/kg; Skin-Rabbit LD50 • 5 g/kg; Multi-dose Toxicity: Inhalation-Rat TClO • 1000 mg/m ³ 4 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiratory</i> : Changes in lung weight

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012 • Classification criteria not met
Skin corrosion/Irritation	OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	OSHA HCS 2012 • Classification criteria not met
Skin sensitization	OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	OSHA HCS 2012 • Classification criteria not met
Aspiration Hazard	OSHA HCS 2012 • Aspiration 1
Carcinogenicity	OSHA HCS 2012 • Classification criteria not met
Germ Cell Mutagenicity	OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	OSHA HCS 2012 • Classification criteria not met
STOT-SE	OSHA HCS 2012 • Classification criteria not met
STOT-RE	OSHA HCS 2012 • Classification criteria not met

Potential Health Effects

Inhalation

Acute (Immediate)

If material enters lungs, signs and symptoms may include coughing, choking, wheezing, difficulty in breathing, chest congestion, shortness of breath, and/or fever.

Chronic (Delayed)

No data available

Skin

Acute (Immediate)

Not irritating to skin.

Chronic (Delayed)

No data available

Eye

Acute (Immediate)

Expected to be slightly irritating.

Chronic (Delayed)

Not data available

Ingestion

Acute (Immediate)

Material may be aspirated into lungs during ingestion and/or subsequent vomiting. Aspiration of this material will cause severe lung injury, chemical pneumonitis, pulmonary edema or death.

**Chronic (Delayed)
Carcinogenic Effects**

No data available

Product contains mineral oils of types shown to be non-carcinogenic in animal skin-painting studies. Highly refined mineral oils are not classified as carcinogenic by the International Agency for Research on Cancer (IARC).

Key to abbreviations

LD = Lethal Dose

TC = Toxic Concentration

12. ECOLOGICAL INFORMATION

Toxicity

Expected to be practically non toxic to algae. Expected to be practically non toxic to fish. Expected to be practically non toxic to daphnia and other aquatic invertebrates.

Persistence and degradability

Expected to be inherently biodegradable.

Bioaccumulative potential

Has the potential to bioaccumulate.

Mobility in Soil

Liquid under most environmental conditions. If it enters soil, it will absorb to soil particles and will not be mobile.

Other adverse effects

Ecotoxicological data have not been determined specifically for this product. Information given is based on knowledge of the components and the ecotoxicology of similar products.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods**Product waste**

Dispose of content and/or container in accordance with local regional, national, and/or international regulations.

Packaging wastes

Dispose of content and/or container in accordance with local regional, national, and/or international regulations

14. TRANSPORT INFORMATION

	UN number	UN proper shipping name	Transport hazard class (es)	Packing Group	Environmental hazards
DOT	Not Regulated	Not Regulated	Not Regulated	Not Regulated	None
TDG	Not Regulated	Not Regulated	Not Regulated	Not Regulated	None
IMO/IMDG	Not Regulated	Not Regulated	Not Regulated	Not Regulated	None
IATA/ICAO	Not Regulated	Not Regulated	Not Regulated	Not Regulated	None

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • Acute

State Right To Know			
Component	CAS	NJ	PA
Hydrotreated heavy paraffinic petroleum distillate	64742-54-7	No	No

Inventory						
Component	CAS	Australia AICS	Canada DSL	China	Japan ENCS	Korea KECL
Hydrotreated heavy paraffinic petroleum distillate	64742-54-7	Yes	Yes	Yes	No	Yes

Inventory (Continued)				
Component	CAS	New Zealand	Philippines PICCS	TSCA
Hydrotreated heavy paraffinic petroleum distillate	64742-54-7	Yes	Yes	Yes

United States**Labor****U.S. – OSHA – Process Safety Management – Highly Hazardous Chemicals**

•Hydrotreated heavy paraffinic petroleum distillate 64742-54-7 Not listed

Environment**U.S. – CAA (Clean Air Act) – 1990 Hazardous Air Pollutants**

•Hydrotreated heavy paraffinic petroleum distillate 64742-54-7 Not listed

U.S. – CERCLA/SARA – Hazardous Substances and their Reportable Quantities

•Hydrotreated heavy paraffinic petroleum distillate 64742-54-7 Not listed

U.S. – CERCLA/SARA – Section 302 Extremely Hazardous Substances EPCRA RQs

•Hydrotreated heavy paraffinic petroleum distillate 64742-54-7 Not listed

U.S. – CERCLA/SARA – Section 302 Extremely Hazardous Substances TPQs

•Hydrotreated heavy paraffinic petroleum distillate 64742-54-7 Not listed

U.S. – CERCLA/SARA – Section 313 – Emission Reporting

•Hydrotreated heavy paraffinic petroleum distillate 64742-54-7 Not listed

U.S. – CERCLA/SARA – Section 313 – PBT Chemical Listing

•Hydrotreated heavy paraffinic petroleum distillate 64742-54-7 Not listed

Other Information

California Prop 65 – This product does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

16. OTHER INFORMATION

Issue Date: 1-Aug-2017
Revision Date: 25-Oct-2017
Revision Note: Chemical change

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