

**1. Identification**

**1.1 Product Identifier:** Reactor LL Lane Conditioner  
**Other Means of ID:** Reactor  
**Part Number(s):** 294-006-062i, 294-006-065i  
**1.2 Recommended Use:** Bowling lane conditioner; FOR PROFESSIONAL USE ONLY  
**Restrictions on Use:** Uses other than those stated  
**1.3 Manufacturer:** QubicaAMF Worldwide, LLC.  
8100 AMF Drive  
Mechanicsville, VA 23111, USA  
**Phone:** (804) 569-1000; (866) 460-7263  
**E-mail:** [INFOSDS@qubicaamf.us](mailto:INFOSDS@qubicaamf.us)  
**1.4 Emergency Phone:** ChemTel 24-hour Emergency Numbers  
**USA, Canada, Puerto Rico, U.S. Virgin Islands:** 1-800-255-3924  
**Australia:** 1-300-954-583  
**Brazil:** 0-800-591-6042  
**China:** 400-120-0751  
**India:** 000-800-100-4086  
**Mexico:** 800-099-0731  
**All other countries:** +1-813-248-0585 (collect calls accepted)

**2. Hazards identification**

**2.1 Classification of the substance or mixture:** This product is considered hazardous according to 29 CFR 1910.1200.

**Physical Hazards:** Not classified  
**Health Hazards:** Acute Toxicity Inhalation Category 4  
**Environmental Hazards:** Aquatic chronic Category 4

**2.2 Label Elements**

**Pictogram:** GHS07/Exclamation point  
**Signal Word:** Warning

**Hazard statements**

H332: Harmful if inhaled.  
H413: May cause long lasting harmful effects to aquatic life.

**Precautionary Statements**

**Prevention:** P261: Avoid breathing dust/fume/gas/mist/vapors/spray.  
P271: Use only outdoors or in a well-ventilated area.  
P273: Avoid release to the environment.  
**Response:** P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
P312: Call a POISON CENTER/doctor if you feel unwell.

**Storage:**

**Disposal:** P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Hazards not otherwise classified:** None

**3. Composition/information on ingredients**

Chemical name	CAS Number	Concentration by weight (%)	GHS Classification*
White mineral oil (petroleum)	8042-47-5	95	Aspiration 1/H304
Peanut oil	8002-03-7	2	---
Hexadecane	544-76-3	1	Aspiration 1/H304
Glycols, polyethylene mono(trimethylnonyl)	60828-78-6	1	Eye 2A/H319
Other components below reportable levels	---	1	---

\*Occupational Exposure Limit(s), if available, are listed in section 8. See section 16 for the full text of the H phrases declared above.

**4. First-aid measures****4.1 Description of first aid measures**

**Skin Contact:** Remove contaminated clothing and wash before reuse. Rinse skin with a mild soap and water immediately. Get medical advice/attention if irritation persists.

**Eye Contact:** Remove contact lenses, if present. Wash immediately with plenty of water for at least 15 minutes, opening the eyelids fully. If problems persist, seek medical advice.



**Ingestion:** Wash out mouth with water. Do not induce vomiting unless directed to do so by medical professional. Get medical attention if symptoms occur.

**Inhalation:** Remove victim to fresh air and away from further exposure. Qualified personnel may give oxygen if breathing is difficult. Give artificial respiration if victim stops breathing. Seek medical assistance if breathing difficulty continues.

**4.2 Most important symptoms/effects, acute and delayed**

**Skin Absorption:** No known significant effects or hazards

**Eye Contact:** No known significant effects or hazards

**Ingestion:** No known significant effects or hazards

**Inhalation:** No known significant effects or hazards

**4.3 Indication of immediate medical attention and special treatment needed**

Physician should treat symptomatically. Show physician this safety data sheet.

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**5. Fire-fighting measures**

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**5.1 Extinguishing Media**

**Suitable:** Treat as an oil fire. Use CO<sub>2</sub>, dry powder, universal-type foam, or other suitable extinguishing agent.

**Unsuitable:** Oil will float on water; do not use water jet.

**5.2 Specific hazards arising from the chemical:** In a fire, pressure will increase and container may burst.

**Hazardous combustion products:** Burning can produce soot, carbon dioxide, and carbon monoxide.

**5.3 Special protective equipment and precautions for firefighters:** Wear full protective gear and a self-contained breathing apparatus with full face-piece operated in positive pressure mode.

**5.4 Additional Information**

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**6. Accidental release measures**

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**6.1 Personal precautions, protective equipment and emergency procedures:** Wear protective clothing including oil-resistant gloves and eye protection when taking up spills. Eliminate any ignition sources.

**Environmental precautions:** This product is insoluble in water and will float on the surface. Prevent from entering sewers or drains. Prevent runoff and contact with soil.

**6.2 Methods and materials for containment and cleaning up:** Spills of this product can cause floor to be slippery. Use care to avoid falling. Cover drains and use spill dams to prevent spills from spreading. Absorb spilled product on an inert material such as sand, earth, or vermiculite. Spill clean-up materials should be collected in appropriately labeled containers for disposal. Dispose of material as required by all local, state, federal and international regulations and laws.

**Note:** see section 8 for personal protective equipment and section 13 for disposal considerations.

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**7. Handling and storage**

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**7.1 Precautions for safe handling:** Wear suitable personal protective equipment including gloves and splash resistant eye protection. Wash hands after use. Eating, drinking and smoking should be prohibited where this material is handled.

**7.2 Conditions for safe storage, including any incompatibilities:** Keep containers tightly closed to prevent contamination. Store in original container at normal room temperature.

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**8. Exposure controls/personal protection**

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**8.1 Exposure limits/standards**

Substance Name	Form	Limit/Standard	Source
White mineral oil (petroleum)		TWA - 5mg/m <sup>3</sup> (8 hours)	OSHA PEL
	Inhalable fraction	TWA - 5mg/m <sup>3</sup> (8 hours)	ACGIH TLV
	Mist	TWA - 5mg/m <sup>3</sup> (10 hours)	NIOSH REL
	Mist	STEL - 10mg/m <sup>3</sup> (15 minutes)	NIOSH REL

**8.2 Appropriate engineering controls:** Good general ventilation is normally sufficient to control worker exposure to airborne contaminants.

**8.3 Individual protection measures**

**Hygiene measures:** Wash hands thoroughly after handling and at the end of the day. Remove contaminated clothing and clean it before re-use.

**Respiratory protection:** Special respiratory protection is not required with normal usage of product. If vapor and/or mist are generated by heating, spraying, etc., wear an organic vapor respirator with an oil mist filter.

**Hand and skin protection:** Oil resistant gloves and protective clothing is recommended.

**Eye protection:** Protective glasses or goggles should be worn when handling chemicals.

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**9. Physical and chemical properties**

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**9.1 Information on basic chemical and physical properties**

**Appearance:** Water clear and slightly tinged liquid

**Odor:** Mild, vanilla-like odor

**Odor threshold:** Not determined

**pH:** Not determined

**Melting/freezing point:** Not determined

**Initial boiling point/boiling range:** Not determined

**Flash Point:** >210°F (98.8°C) by PMCC

**Evaporation rate:** Not determined

**Flammability (solid, gas):** Not determined

**Explosive limits:** Not determined

**Vapor pressure:** Not determined

**Vapor density:** Not determined

**Relative density:** 0.870 @ 20°C

**Solubility in H<sub>2</sub>O:** Insoluble



**10. Stability and reactivity**

**10.1 Reactivity:** Non-reactive when used according to specifications

**10.2 Chemical stability:** Stable

**10.3 Possibility of hazardous reactions:** Under normal conditions of storage and use, hazardous reactions will not occur.

**10.4 Conditions to avoid:** None known

**10.5 Incompatible materials:** No known incompatibilities

**10.6 Hazardous decomposition products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**11. Toxicological information**

This product has not undergone animal lab testing to determine toxicity.

**Information on toxicological effects**

Product	Species	Test Results
White mineral oil (petroleum) (CAS #8042-47-5)		
<b>Acute:</b> Dermal LD50	Rabbit	>2000mg/kg
Oral LD50	Rat	>5000 mg/kg
Inhalation LC50	Rat	>5mg/l; 4 hour exposure

**11.1 Information on likely routes of exposure and toxicological effects**

- Skin contact: No known significant effects or hazards.
- Inhalation: No known significant effects or hazards.
- Eye contact: No known significant effects or hazards.
- Ingestion: No known significant effects or hazards.

**11.2 Symptoms related to the physical, chemical and toxicological characteristics**

- Skin contact: No data
- Inhalation: No data
- Eye contact: No data.
- Ingestion: No data

**11.3 Delayed and immediate effects and also chronic effects from short- and long-term exposure**

- Short-term exposure: Potential immediate effects: No data  
Potential delayed effects: No data
- Long-term exposure: Potential immediate effects: No data  
Potential delayed effects: No data
- Potential chronic health effects: No data

**11.4 Numerical measures of toxicity:** The following values are calculated based on chapter 3.1 of the GHS document

- ATEmix (oral):** 4930 mg/kg
- ATEmix (dermal):** 2019 mg/kg
- ATEmix (inhalation-vapors):** 5.0 mg/l

**12. Ecological information**

There is no ecotoxicity data available for this product.

- 12.1 Toxicity:** No data available
- 12.2 Persistence and degradability:** No data available
- 12.3 Bioaccumulative potential:** No data available
- 12.4 Mobility in soil:** No data available
- 12.5 Other adverse effects:** No data available

**13. Disposal considerations**

**Methods of disposal:** Dispose of all waste in accordance with appropriate local, state, and federal waste regulations. Collect and dispose of product at a licensed waste disposal site or recycle at an oil recycling facility. Empty containers should be recycled by a licensed facility or taken to an appropriate waste facility for disposal.

**14. Transport information**

	<b>DOT (US Road/Rail Transport)</b>	<b>IMDG/IMO (Sea Transport)</b>	<b>IATA/ICAO (Air Transport)</b>
<b>14.1 UN Number</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.2 UN Proper Shipping Name</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.3 Transport hazard class(es)</b>	Not Regulated	Not Regulated	Not Regulated
<b>14.4 Packing group</b>	None	None	None
<b>14.5 Environmental hazards</b>	None	None	None



**14.6 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:** Consult IMO regulations before transporting ocean bulk

**14.7 Special precautions for user:** Not applicable

**15. Regulatory Information**

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

**US Federal Regulations**

**TSCA:** All components of this material are either listed or exempt from listing on the TSCA Inventory.

**CERCLA:** No chemicals present in regulated quantities

**SARA:** No chemicals present in regulated quantities

**US State Regulations**

**California Proposition 65:** This product is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.

**New Jersey:** No regulated components

**Massachusetts:** No regulated components

**Pennsylvania:** No regulated components

**Rhode Island:** No regulated components

**New York:** No regulated components

**Minnesota:** No regulated components

**16. Other information**

Full text of H-phrases appearing in section 3:

H304: May be fatal if swallowed and enters airways

H319: Causes serious eye irritation

**NFPA Rating**

Health: 1

Flammability: 1

Instability: 0

Special Hazards: None

**HMIS III Rating**

Health: 1

Flammability: 0

Physical Hazard: 0

PPE: B

**Hazard Rating Legend**

0: Minimal Hazard

1: Slight Hazard

2: Moderate Hazard

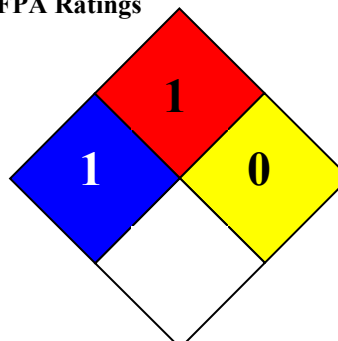
3: Serious Hazard

4: Severe Hazard

**HMIS III Ratings**

<b>HEALTH</b>	<b>1</b>
<b>FLAMMABILITY</b>	<b>0</b>
<b>PHYSICAL HAZARD</b>	<b>0</b>
<b>PPE</b>	<b>B</b>

**NFPA Ratings**



**SDS:** Reactor LL Lane Conditioner

**SDS Revision Level:** 4.6

**SDS Revision Date:** 1 October 2019

**Revision Reason(s):** Updated ChemTel contact number for Mexico

**Notice to Reader:**

Health and safety information presented on this form is generally applicable for recommended usage of this product. This information was compiled from current, reliable sources and is believed to be correct. As data, and/or regulations change and conditions of use and handling are beyond our control, no warranty, express or implied, is made as to completeness or continuing accuracy of this information.