

**1. Identification**

1.1 Product Identifier: Reactor HL Lane Conditioner
Other Means of ID: Reactor
Part Number(s): 294-006-072i, 294-006-075i
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
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: Combustible liquid Category 4
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

H227: Combustible liquid
H332: Harmful if inhaled.
H413: May cause long lasting harmful effects to aquatic life.

Precautionary Statements

Prevention: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
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.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
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.
P370+P378: In case of fire, use an oil approved or universal type extinguisher.
Storage: P403: Store in a well-ventilated place.
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	87	Aspiration 1/H304
Distillates (petroleum), straight-run middle	64741-44-2	11	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.

5. Fire-fighting measures

5.1 Extinguishing Media

Suitable: Treat as an oil fire. Use CO₂, 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

6. Accidental release measures

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.

7. Handling and storage

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.

8. Exposure controls/personal protection

8.1 Exposure limits/standards

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

9. Physical and chemical properties

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: >142°F (61.1°C) by PMCC

Evaporation rate: Not determined

Flammability (solid, gas): Not determined

Explosive limits: Not determined

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)		
Acute: 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): 4917 mg/kg

ATEmix (dermal): 2004 mg/kg

ATEmix (inhalation-vapors): 4.5 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



	DOT (US Road/Rail Transport)	IMDG/IMO (Sea Transport)	IATA/ICAO (Air Transport)
14.1 UN Number	NA1993	Not Regulated	Not Regulated
14.2 UN Proper Shipping Name	Combustible liquid n.o.s.	Not Regulated	Not Regulated
14.3 Transport hazard class(es)	Class 3 combustible liquid	Not Regulated	Not Regulated
14.4 Packing group	None	None	None
14.5 Environmental hazards	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: 2
 Instability: 0
 Special Hazards: None

HMIS III Rating

Health: 1
 Flammability: 1
 Physical Hazard: 0
 PPE: B

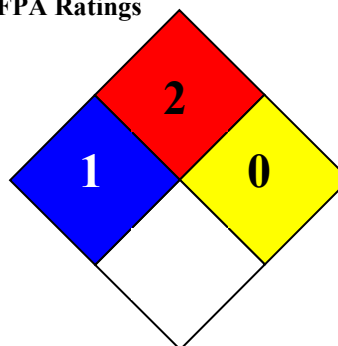
Hazard Rating Legend

0: Minimal Hazard
 1: Slight Hazard
 2: Moderate Hazard
 3: Serious Hazard
 4: Severe Hazard

HMIS III Ratings

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
PPE	B

NFPA Ratings



SDS: Reactor HL 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.