



Name: Val-Lube Way 32, 68, 150, 220
Revision Date: 6/1/2018 – R1

ValCool, LLC
5230 Brittmoore Rd
Houston, TX 77041

SECTION 1: PRODUCT AND COMPANY INFORMATION

Product Name: Val-Lube Way 32, Val-Lube Way 68,
Val-Lube Way 150, Val-Lube Way 220

Supplier: ValCool, LLC
5230 Brittmoore Rd
Houston, TX 77041

Telephone: (800) 244-9004
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In case of Emergency: CHEMTREC
800-424-9300

Product Identifier

Product Form Mixture

Product Grades ISO 32, ISO 68, ISO 150, ISO 220

Product Codes See section 16

Synonyms Hydraulic Fluid

Intended use of Product Hydraulic Fluid

SECTION 2: HAZARD IDENTIFICATION

GHS Classification

Not Classified
Full text of H-phrases: see section 16

GHS Label

Hazard pictogram None Required

Signal word Not Hazardous

Hazard Statement None Required

Precautionary statements

Prevention P273 - Avoid release to the environment.

Disposal P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

Other hazards

The mixture consists of substances capable of producing an aspiration hazard. Aspiration may result in chemical pneumonia (fluid in the lungs), severe lung damage, respiratory failure, and even death.

Unknown Acute Toxicity (GHS-US)

9.73 percent of the mixture consists of ingredient(s) of unknown acute toxicity.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substances: Not Applicable
Description: Mixture

Components/Ingredients	CAS No.	% (w/w)	Classification (GHS-US)
Petroleum distillates, solvent dewaxed	64742-65-0	75.75 – 95, 64 – 85, 0 - 10	Not Classified
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	75.75 – 95, 64 – 85, 0 - 10	Not Classified
heavy paraffinic, Distillates, petroleum, hydrotreated heavy paraffinic	64742-54-7	0 – 11, 10 - 17	Not Classified
Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts	68649-42-3	0.7 - 2.7, 0	Aquatic Chronic 3, H402

*The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret within the meaning of the OSHA Hazard Communication Standard [29 CFR 1910.1200].

*More than one of the ranges of concentration prescribed by Controlled Products Regulations has been used where necessary, due to varying composition.

Full text of H-phrases: see section 16

SECTION 4: FIRST AID MEASURES

Description of first aid measures

- General** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label if possible).
- Eye Contact** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention.
- Skin Contact** Remove contaminated clothing. Drench affected area with water or soap and water for at least 15 minutes. Wash contaminated clothing before reuse. Obtain medical attention if irritation develops or persists.
- Ingestion** Do NOT induce vomiting. Rinse mouth. Immediately call a POISON CENTER or doctor/physician.
- Inhalation** Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.

Most important symptoms/effects, acute and delayed

- General** No known significant effects or critical hazards.
- Eye Contact** Direct contact with the eyes is likely irritating.



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Skin Contact Repeated or prolonged skin contact may cause irritation.

Ingestion Ingestion is likely to be harmful or have adverse effects.

Inhalation Overexposure may be irritating to the respiratory system.

Chronic Symptoms No known significant effects or critical hazards.

Description of necessary first aid measures / specific treatments If you feel unwell, seek medical advice (show the label where possible).

SECTION 5: FIREFIGHTING MEASURES

Extinguishing Media

Suitable extinguishing agents Use extinguishing media appropriate for surrounding fire.

Unsuitable Extinguishing Media Do not use a heavy water stream. Use of heavy stream of water may spread fire.

Special Hazards Arising From the Substance or Mixture

Fire Hazard Not flammable but will support combustion.

Explosion Hazard Product is not explosive.

Reactivity Hazardous reactions will not occur under normal conditions.

Special Fire Fighting Instructions

Precautionary Measures Fire Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present.

Firefighting Instructions Use water spray or fog for cooling exposed containers.

Protection During Firefighting Do not enter fire area without proper protective equipment, including respiratory protection.

Hazardous Combustion Products Under fire conditions, may produce fumes, smoke, oxides of carbon and hydrocarbons.

Other Information Refer to Section 9 for flammability properties.

Reference to Other Sections Refer to section 9 for flammability properties.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment & emergency procedures

General Measures Avoid all contact with skin, eyes, or clothing. Avoid breathing (vapor, mist, spray).

For Non-Emergency Personnel

Protective Equipment Use appropriate personal protection equipment (PPE).

Emergency Procedures Evacuate unnecessary personnel.

For Emergency Personnel

Protective Equipment Equip cleanup crew with proper protection.

Emergency Procedures Stop leak if safe to do so. Eliminate ignition sources. Ventilate area.

Environmental precautions Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

Methods and materials for containment and cleaning up

For Containment Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for Cleaning Up Clean up spills immediately and dispose of waste safely. Spills should be contained with mechanical barriers. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

Reference to other sections See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

SECTION 7: HANDLING AND STORAGE

Handling

Additional Hazards When Processed Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained. Practice good housekeeping - spillage can be slippery on smooth surface either wet or dry.

Hygiene Measures Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Storage

Technical Measures Comply with applicable regulations.

Storage Conditions Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

Incompatible Materials Strong acids, strong bases, strong oxidizers.

Specific end use(s) Hydraulic Fluid.

SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

Control parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

Exposure controls

Appropriate Engineering Controls

Ensure adequate ventilation, especially in confined areas. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed.

Personal protective equipment

Protective goggles. Gloves.

Materials for Protective Clothing

Chemically resistant materials and fabrics.

Eye / Face Protection



Chemical goggles or safety glasses.

Hand Protection



Wear chemically resistant protective gloves.

Skin and Body Protection

Wear suitable protective clothing.

Respiratory Protection

Use a NIOSH-approved respirator or self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.

Environmental Exposure Controls

Do not allow the product to be released into the environment.

Consumer Exposure Controls

Do not eat, drink or smoke during use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Appearance	Amber
Odor	Slight Hydrocarbon
Odor Threshold	Not available
pH	Not available
Evaporation Rate	Not available
Melting Point	Not available
Boiling Point	Not available
Flash Point	204C / 400C
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Flammability (solid, gas)	Not available
Lower Flammable Limit	Not available
Upper Flammable Limit	Not available
Vapor Pressure	Not available
Relative Vapor Density at 20°C	Not available
Relative Density	Not available
Specific Gravity	0.85
Solubility	Negligible
Partition Coefficient: N-Octanol/Water	Not available
Viscosity	Not available
Viscosity, Kinematic	Not available
Explosive Properties	Product is not explosive
Explosion Data – Sensitivity to Mechanical Impact	Not expected to present an explosion hazard due to mechanical impact
Explosion Data – Sensitivity to Static Discharge	Not expected to present an explosion hazard due to static discharge

SECTION 10: STABILITY AND REACTIVITY

Reactivity	Hazardous reactions will not occur under normal conditions.
Chemical Stability	Stable under recommended handling and storage conditions (see section 7).
Possibility of hazardous reactions	Hazardous polymerization will not occur.
Conditions to Avoid	Direct sunlight, extremely high or low temperatures, heat, hot surfaces, sparks, open flames, incompatible materials, and other ignition sources.
Incompatibility with other Materials	Strong acids, strong bases, strong oxidizers.
Hazardous decomposition materials	No decomposition expected under normal use and storage conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on Toxicological Effects - Product

Acute Toxicity	Not classified
LD50 and LC50 Data	Not available
Skin Corrosion/Irritation	Not classified
Eye Damage/Irritation	Not classified
Respiratory or Skin Sensitization	Not classified
Germ Cell Mutagenicity	Not classified
Teratogenicity	Not classified
Carcinogenicity	Not classified
Specific Target Organ Toxicity (Repeated Exposure)	Not classified
Aspiration Hazard	Not classified
Symptoms/Injuries After Inhalation	Overexposure may be irritating to the respiratory system.
Symptoms/Injuries After Skin Contact	Repeated or prolonged skin contact may cause irritation.
Symptoms/Injuries After Eye Contact	Direct contact with the eyes is likely irritating



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Symptoms/Injuries After Ingestion Ingestion is likely to be harmful or have adverse gastrointestinal effects.

Chronic Symptoms Not Classified

Information on Toxicological Effects - Ingredient(s)

LD50 and LC50 Data

Heavy paraffinic, Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)

LD50 Oral Rat > 2000 mg/kg

LD50 Dermal Rabbit > 2 g/kg

Petroleum distillates, solvent dewaxed (64742-65-0)

LD50 Oral Rat > 5000 mg/kg

LD50 Dermal Rabbit > 5 g/kg

Petroleum distillates, hydrotreated heavy naphthenic (64741-52-5)

LD50 Oral Rat > 5000 mg/kg

LD50 Dermal Rabbit > 5000 mg/kg

LD50 Inhalation Rat > 5 mg/l (exposure time 4 hours)

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecology - General Toxic to aquatic life.

Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (68649-42-3)

LC50 Fish 1 1.0 - 5.0 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])

EC50 Daphnia 1 1 - 1.5 mg/l (Exposure time: 48 h - Species: Daphnia magna)

LC 50 Fish 2 10.0 - 35.0 mg/l (Exposure time: 96 h - Species: Pimephales promelas [semi-static])

Petroleum distillates, solvent dewaxed (64742-65-0)

EC50 Daphnia 1 > 1000 mg/L (Exposure time: 48 h - Species: Daphnia magna)

LC50 Fish 1 > 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)

Distillates, petroleum, hydrotreated heavy paraffinic (64742-54-7)

LC50 Fish 1 > 5000 mg/l (Exposure time: 96 h - Species: Oncorhynchus mykiss)



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EC50 Daphnia 1 > 1000 mg/l (Exposure time: 48 h - Species: Daphnia magna)

Persistence and Degradability Not available

Bioaccumulative Potential Not available

Mobility in Soil Not available

Other Adverse Effects

Other Information Avoid release to the environment

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods

Sewage Disposal Recommendations Do not empty into drains; dispose of this material and its container in a safe way. Do not empty into drains. Do not dispose of waste into sewer.

Waste Disposal Recommendations Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

SECTION 14: TRANSPORT INFORMATION

In Accordance with DOT Not regulated for transport

In Accordance with IMDG Not regulated for transport

In Accordance with IATA Not regulated for transport

In Accordance with TDG Not regulated for transport

SECTION 15: REGULATORY INFORMATION

US Federal Regulations

SARA Section 311/312 Hazard Classes Not Classified

US State Regulations None noted

Canadian Regulations

WHMIS Classification Not Classified

Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts (68649-42-3)

Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification Class D Division 2 Subdivision B - Toxic material causing other toxic effects

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.



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SECTION 16: OTHER INFORMATION

Revision Date: 6/1/2018 – 1

Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

GHS Full Text Phrases

- P273 Avoid release into the environment
- P501 Dispose of contents/container in accordance with local, regional, national, and international regulations.

HMIS:

Disclaimer: The information presented herein has been compiled from sources considered to be dependable and is accurate as of the date issued. However, since data, safety standards, and government regulations are subject to change and the conditions of handling and use are beyond our control, we make no warranty regarding the accuracy of such data or its suitability for any use or for any consequence of its use. The data in this SDS relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. Safe handling and use remains the responsibility of the purchaser and the purchaser has the sole responsibility to determine the suitability of the materials for any use and the manner of user contemplated. We assume no responsibility for injury to the recipient or to third persons or for any damage to any property and the recipient assumes all such risks.