



**Name:** Val-Lube Clear 68, 220  
**Revision Date:** 6/20/2018 – R1

ValCool, LLC  
5230 Brittmoore Rd  
Houston, TX 77041

## SECTION 1: PRODUCT AND COMPANY INFORMATION

|                              |   |
|------------------------------|---|
| <b>Product Name:</b>         | <b>Val-Lube Clear 68, Val-Lube Clear 220</b>  |
| <b>Supplier:</b>             | ValCool, LLC<br>5230 Brittmoore Rd<br>Houston, TX77041  |
| <b>Telephone:</b>            | (800) 244-9004  |
| <b>Fax:</b>                  | (888) 695-6449  |
| <b>Email:</b>                | support@valcool.com   |
| <b>In case of Emergency:</b> | CHEMTREC<br>800-424-9300  |
| <b>Restrictions on Use</b>   | This product must not be used in applications other than recommended in Section 1 without taking the advice from supplier/manufacturer. |
| <b>Recommended Use</b>       | Food Grade Hydraulic Oil  |

## SECTION 2: HAZARD IDENTIFICATION

### GHS Classification

Aquatic Hazard – Acute: Category 3  
Aquatic Hazard – Long-term: Category 4

### GHS Label

|                  |   |
|------------------|---|
| Hazard pictogram | None Required   |
| Signal word      | None  |
| Hazard Statement | Harmful to aquatic life.<br>May cause long lasting harmful effects to aquatic life. |

### Precautionary statements

- P101: If medical advice is needed have product container or label at hand
- P102: Keep out of reach of children
- P103: Read Label before use
- P210: Keep away from Heat, hot surfaces, sparks, open flames and other ignition sources.  
No Smoking.
- P211: So not spray on an open flame or other ignition source.
- P232: Protect from Moisture.
- P233: Keep container tightly closed
- P273: Avoid release to the environment.
- P280: Wear protective gloves/protective clothing/eye protection/face protection
- P404: Store in a closed container

**Percent of the mixture consisting of ingredient(s) of unknown toxicity:** None

## Classification System

|                                       |  |   |   |      |   |            |   |                     |   |   |
|---------------------------------------|--|---|---|------|---|------------|---|---------------------|---|---|
| <p>NFPA ratings<br/>(scale 0 - 4)</p> |  | <p>Health = 0<br/>Fire = 1<br/>Reactivity = 0</p> |   |      |   |            |   |                     |   |   |
| <p>HMIS-ratings<br/>(scale 0 - 4)</p> | <table border="1"> <tr><td>Health</td><td>0</td></tr> <tr><td>Fire</td><td>1</td></tr> <tr><td>Reactivity</td><td>0</td></tr> <tr><td>Personal Protection</td><td>B</td></tr> </table> | Health  | 0 | Fire | 1 | Reactivity | 0 | Personal Protection | B | <p>Health = 0<br/>Fire = 1<br/>Reactivity = 0<br/>Personal Protection = B</p> |
| Health                                | 0  |   |   |      |   |            |   |                     |   |   |
| Fire                                  | 1  |   |   |      |   |            |   |                     |   |   |
| Reactivity                            | 0  |   |   |      |   |            |   |                     |   |   |
| Personal Protection                   | B  |   |   |      |   |            |   |                     |   |   |

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

| Components/Ingredients  | CAS No.    | % of Comp. |
|---|------------|------------|
| Distillates (Petroleum) Hydrotreated Heavy Paraffinic                 | 64742-54-7 | 75 - 100%  |
| Benzenepropanoic acid, 3-5-bis(1,1-dimethyl)-4-hydroxy-, methyl ester | 6386-38-5  | < 0.1%     |

## SECTION 4: FIRST AID MEASURES

### Description of first aid measures

- Eye Contact** Flush eyes with water for at least 15 minutes. If irritation persists, seek medical attention.
- Skin Contact** Immediately remove contaminated clothing and shoes. Wash off immediately with plenty of water for at least 15 minutes. Call a physician immediately.
- Ingestion** Do not induce vomiting. Get immediate medical attention. Never give anything by mouth to an unconscious person.
- Inhalation** Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration using a pocket mask type resuscitator. Call a physician immediately.

## SECTION 5: FIREFIGHTING MEASURES

|                            |  |
|----------------------------|--|
| <b>Fire Hazard</b>         | No   |
| <b>Flash Point °C (°F)</b> | > 93.0° (199.4°)                               |
| <b>Flammable Limits</b>    | LOWER: Not determined<br>UPPER: Not determined |



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| <b>Extinguishing Media</b>                                      | Water Mist<br>Foam<br>Dry Powder<br>CO2 |
| <b>Special protective Equipment and firefighting procedures</b> | Not determined                          |
| <b>Unusual Fire &amp; Explosion</b>                             | Not determined                          |

## SECTION 6: ACCIDENTAL RELEASE MEASURES

|                         |  |
|-------------------------|--|
| <b>General Measures</b> | Vapor protective clothing should be worn for spills and leaks with no fire. Do not touch damaged container or spilled material unless wearing appropriate protective clothing/equipment. Ventilate the closed area.  |
| <b>For Containment</b>  | Isolate the spill/leak area in all directions for about 50 meters (150 ft) for liquids and about 25 meters (75 ft) for solids and semi-solids. Eliminate all ignition sources (no smoking, flares, sparks/flames in close vicinity). Keep unauthorized persons away and ventilate closed space before entering |

## SECTION 7: HANDLING AND STORAGE

### Handling

**Hygiene Measures** Handle in accordance with good industrial hygiene and safety practices. These practices include avoiding unnecessary exposure and prompt removal of material from eyes skin and clothing.

### Storage

**Storage Conditions** Store in a sealed container in a cool, dry environment.

## SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

### Exposure controls

**OSHA Permissible Exposure Limits (PELs)** 5 mg/m<sup>3</sup>

**Threshold Limit Values (TLVs):** 10 mg/m<sup>3</sup>

### Engineering Controls

If current ventilation practices are not adequate to maintain airborne concentrations below the established exposure limits, additional engineering controls may be required

## Personal protective equipment

Protective goggles. Gloves.

### Eye / Face Protection



Chemical goggles or safety glasses. The use of face protection is not normally required; however, good industrial hygiene practice suggests the use of eye protection that meets or exceeds ANSI Z.87.1 whenever working with chemicals.

### Hand Protection



Wear chemically resistant protective gloves.

### Skin and Body Protection

The use of gloves impervious to the specific material handled is advised to prevent skin contact. Users should check with manufacturers to confirm the breakthrough performance of their products. Suggested protective materials: Nitrile

### Respiratory Protection

Where there is potential for airborne exposure above the exposure limit a NIOSH certified air purifying respirator equipped with R or P95 filters may be used. A respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed whenever workplace conditions warrant a respirator.

### Consumer Exposure Controls

Suggestions provided in this section for exposure control and specific types of protective equipment are based on readily available information. Users should consult with the specific manufacturer to confirm the performance of their protective equipment. Specific situations may require consultation with industrial hygiene, safety, or engineering professionals.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

|                               |                                |
|-------------------------------|--------------------------------|
| <b>Appearance</b>             | Colorless / Pale Yellow Liquid |
| <b>Odor</b>                   | Petroleum                      |
| <b>Odor Threshold</b>         | Not determined                 |
| <b>pH</b>                     | Not determined                 |
| <b>Evaporation Rate</b>       | Not determined                 |
| <b>Melting Point °C (°F)</b>  | Not determined                 |
| <b>Boiling Point °C (°F)</b>  | N/A                            |
| <b>Freezing Point °C (°F)</b> | Not determined                 |
| <b>Pour Point °C (°F)</b>     | -12.0° (10.4°)                 |
| <b>Flash Point °C (°F)</b>    | >93.0° (199.4°)                |



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|  |                   |
|--|-------------------|
| <b>Flash Point Method</b>                | ASTM D92          |
| <b>Auto-ignition temperature</b>         | Not determined    |
| <b>Decomposition temperature</b>         | Not determined    |
| <b>Flammability (solid, gas)</b>         | None              |
| <b>Lower Flammable Limit</b>             | Not determined    |
| <b>Upper Flammable Limit</b>             | Not determined    |
| <b>Vapor Pressure</b>                    | Not determined    |
| <b>Vapor Density</b>                     | Not determined    |
| <b>Vapor Temperature °C (°F)</b>         | Not determined    |
| <b>Relative Density/Specific Gravity</b> | 0.8750            |
| <b>Solubility</b>                        | Not Water Soluble |
| <b>Partition Coefficient</b>             | Not determined    |
| <b>Viscosity (cSt)</b>                   | 68.00 @ 40°C      |
| <b>VOC Content</b>                       | N/A               |
| <b>VOC Less Water &amp; Exempts</b>      | N/A               |

## SECTION 10: STABILITY AND REACTIVITY

|   |   |
|---|---|
| <b>Reactivity</b>                           | Not determined  |
| <b>Chemical Stability</b>                   | Stable under normal ambient temperature and conditions. |
| <b>Conditions to Avoid</b>                  | Extreme temperature and direct sunlight/heat/flame      |
| <b>Incompatibility with other Materials</b> | Strong oxidizing agents                                 |
| <b>Hazardous decomposition materials</b>    | Not expected  |

## SECTION 11: TOXICOLOGICAL INFORMATION

### Inhalation

**Description of effects from short- and long-term exposure** Not known

**Description of symptoms** Not known



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**Measure of toxicity** Not known

**Ingestion**

**Description of effects from short- and long-term exposure** Not known

**Description of symptoms** May cause nausea and vomiting

**Measure of toxicity** Not known

**Eyes**

**Description of effects from short- and long-term exposure** Not known

**Description of symptoms** Contact may cause eye irritation

**Measure of toxicity** Not known

**Skin**

**Description of effects from short- and long-term exposure** Not known

**Description of symptoms** Prolonged or repeated skin contact may cause irritation

**Measure of toxicity** Not known

**Carcinogens listing**

- NTP No
- IARC No
- OSHA No
- GHS No

**Chronic Toxicity** No

**SECTION 12: ECOLOGICAL INFORMATION**

**Aquatic Toxicity** No data available  
**Biodegradability** No data available  
**Bioaccumulation** No data available

**SECTION 13: DISPOSAL CONSIDERATIONS**

Treatment, storage, transportation, and disposal must be in accordance with applicable federal, state/provincial, and local regulations. Regulations may vary by location.



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## SECTION 14: TRANSPORT INFORMATION

**UN Number** Not regulated in transportation by DOT/IMO/IATA. Not classified as dangerous in the meaning of transport regulation.

**Proper Shipping Name** Val-Lube Clear 68, Val-Lube Clear 220

## SECTION 15: REGULATORY INFORMATION

**OSHA Regulated Hazard** No

**DOT Regulated** No

**E C Classification** Non-applicable

**TSCA Status** In compliance with TSCA inventory requirements for commercial purposes

**SARA 312 Regulated Chemical(s)** No

**SARA 313 Regulated Chemical(s)** No

**EPA Registration Number** Non-applicable

**Canadian Regulations** None None

**PA Right to know Chemical(s)** None known

**NJ Right to know Chemical(s)** None known

**Additional State Regulations** None known

**Canada** Non-applicable

## SECTION 16: OTHER INFORMATION

**Revision Date:** 6/2/2018 – 1

**Other Information:** The above Information is based on the present state of our knowledge of the product at the time of publication. No warranty is implied with respect to the quality or the specification of the product and the user must satisfy themselves that the product is entirely suitable for their purposes.

### 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.