

Name: VP 650 P  
SDS Date: 11/10/2016

## SECTION 1: PRODUCT AND COMPANY INFORMATION

**Product Name:** VP 650 P

**Supplier:** ValCOOL, LLC  
5230 Brittmoore Rd.  
Houston, TX 77041

**Telephone:** (800) 244-9004  
**Fax:** (888) 695-6449  
**Email:** support@ValCOOL.com

**In case of Emergency:** CHEMTREC  
1-800-424-9300

**Product Description** Premium heavy-duty chlorinated soluble oil

## SECTION 2: HAZARD IDENTIFICATION

### GHS Classification



GHS07  
Skin Sens. 1B - H317 - May cause an allergic skin reaction.

### GHS Label

GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictogram



GHS07

Signal word Warning

Hazard-determining components of labeling 2,2',2''-nitrilotriethanol  
1,2-benzisothiazol-3(2H)-one

Hazard Statement May cause an allergic skin reaction.

### Precautionary statements

**Prevention** Avoid breathing dust/fume/gas/mist/vapors/spray  
Wear protective gloves

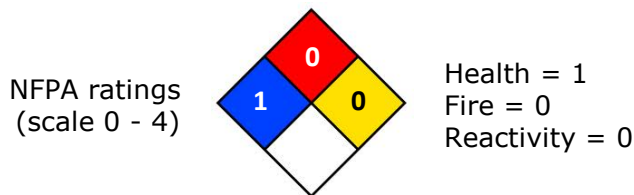
**Response** Wash contaminated clothing before reuse.  
If skin irritation or rash occurs: Get medical advice/attention.

**Disposal** Dispose of contents/container in accordance with

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local/regional/national/international regulations.

## Classification System



HMIS-ratings  
(scale 0 - 4)

Health	1	Health = 1
Fire	0	Fire = 0
Reactivity	0	Reactivity = 0

**Other hazards** Results of PBT and vPvB assessment  
PBT: Not applicable.  
vPvB: Not applicable.

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical Characterization:** Mixture

**Description:** Mixture of the substances listed below with nonhazardous additions.

Components/Ingredients	CAS No.	%
Distillates (petroleum), hydrotreated heavy naphthenic	64742-52-5	10-<25%
Borate Amine	26038-87-9	2.5-<10%
Chloroalkanes	Chloroalkanes	2.5-<5%
2,2',2''-nitrilotriethanol	102-71-6	2.5-<10%
1,2-benzisothiazol-3(2H)-one	2634-33-5	1-≤ 2.5%

## SECTION 4: FIRST AID MEASURES

**Eye Contact** Do not rub eyes. IMMEDIATELY rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**Skin Contact** Immediately wash with water and soap and rinse thoroughly.

**Ingestion** Do not induce vomiting. Seek medical attention immediately.

**Inhalation** Supply fresh air and to be sure call for a doctor.  
In case of unconsciousness place patient stably in side position for transportation.

### Information for doctor:

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

No further relevant information available.

**Description of necessary first aid measures / specific treatments**

No further relevant information available.

**SECTION 5: FIREFIGHTING MEASURES****Extinguishing Media**

Suitable extinguishing agents Water, Water Spray, Foam, Dry powder, Carbon Dioxide (CO2).

Special hazards arising from the substance or mixture No further relevant information available

**Special Fire Fighting Instructions** Full protective clothing and approved self-contained breathing apparatus if necessary for fire fighting personnel.

**Protective equipment** No special measures required

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment & emergency procedures** Keep unnecessary personnel away. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

**Environmental precautions** Do not allow product to reach sewage system or any water course.  
Inform respective authorities in case of seepage into water course or sewage system.  
Do not allow to enter sewers/ surface or ground water.

**Methods and materials for containment and cleaning up** Stop leak if you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas.  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation

**Reference to other sections** See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

## SECTION 7: HANDLING AND STORAGE

### Handling

Precautions for safe handling    Ensure good ventilation/exhaustion at the workplace.  
Open and handle receptacle with care.  
Prevent formation of aerosols.

Information about protection against explosions and fires    Keep respiratory protective device available.

### Storage

Requirements to be met by storerooms and receptacles    Keep container closed when not in use. Store in a cool, dry, well ventilated place away from incompatible materials.

Information about storage in one common storage facility    Keep container tightly closed in a cool, well-ventilated place.  
Keep away from source of ignition.

Further information about storage conditions    Keep receptacle tightly sealed

Specific end use(s)    No further relevant information available.

## SECTION 8: EXPOSURE CONTROL AND PERSONAL PROTECTION

**Additional information about design of technical systems** - No further data; see item 7.

### Control parameters

Components with limit values that require monitoring at the workplace

2,2',2''-nitrilotriethanol    102-71-6  
TLV    Long-term value: 5 mg/m<sup>3</sup>

Additional information    The lists that were valid during the creation were used as basis

### Exposure controls

#### Personal protective equipment

General protective and hygienic measures    Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.  
Store protective clothing separately.  
Avoid contact with the eyes and skin.

Eye / Face Protection



Tightly sealed goggles

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## Hand Protection



### Protective Gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. When contact is likely wear chemical resistant gloves and boots. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

#### Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material cannot be calculated in advance and has therefore to be checked prior to the application.

#### Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

## Respiratory Protection

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

Form	Liquid
Color	Blue
Odor	Mild
Specific Gravity at 20°C (68°F)	1.02 g/cm <sup>3</sup> (8.512 lbs/gal)
Density	N.D.
Evaporation rate	Not determined.
Flash Point	Not applicable
Auto-ignition Temperature	Does not ignite.
Danger of explosion	No Danger
Boiling Point / Range	< 100 °C (< 212 °F)
pH- Value at 20 °C (68 °F)	9.4
Solubility in Water	limited by viscosity
Viscosity	
Dynamic at 20 °C (68 °F)	

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<b>Kinematic at 40 °C (104 °F)</b>	15 mm <sup>2</sup> /s
<b>Organic solvents</b>	3.5 %
<b>VOC content</b>	3.5 % 35.7 g/l / 0.30 lb/gl
<b>Other information</b>	No further relevant information available.

**SECTION 10: STABILITY AND REACTIVITY**

<b>Reactivity</b>	No further relevant information available
<b>Chemical Stability</b>	
<b>Thermal decomposition</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	
<b>Possibility of hazardous reactions</b>	No dangerous reactions known
<b>Conditions to Avoid</b>	No further relevant information available
<b>Incompatibility with other Materials</b>	Do not mix with oxidizers
<b>Hazardous decomposition materials</b>	Carbon Dioxide and Carbon Monoxide and various unidentified organic hydrocarbons

**SECTION 11: TOXICOLOGICAL INFORMATION****Acute toxicity****Primary irritant effect**

Eye Contact	Irritating effect
Skin Contact	Irritant to skin and mucous membranes
Sensitization	Sensitization possible through skin contact

**Additional toxicological information** The product shows the following dangers according to internally approved calculation methods for preparations:  
Irritant

**Carcinogenic categories**

<b>IARC</b> (International Agency for Research on Cancer)	102-71-6 2,2',2''-nitrioltriethanol	3
<b>NTP</b> (National Toxicology Program)	None of the ingredients is listed.	

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(Occupational Safety & Health Administration)

None of the ingredients is listed.

**SECTION 12: ECOLOGICAL INFORMATION****Toxicity**

Aquatic toxicity	No further relevant information available
Persistence and degradability	No further relevant information available

**Behavior in environmental systems**

Bioaccumulative potential	No further relevant information available
Mobility in soil	No further relevant information available

**Additional ecological information**

General notes	Not readily biodegradable. Does not hydrolyse.
Results of PBT and vPvB assessment	PBT: Not applicable. vPvB: Not applicable.
Other adverse effects	No further relevant information available

**SECTION 13: DISPOSAL CONSIDERATIONS****Waste treatment methods**

Recommendation	Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
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**Uncleaned packagings**

Recommendation	Disposal must be made according to official regulations.
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**SECTION 14: TRANSPORT INFORMATION****DOT Classification**

UN number	Not Regulated
UN proper shipping name	Not Regulated
Transport hazard class(es)	Not Regulated
Packing group	Not Regulated

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**Special precautions for user** Not applicable.  
**Stowage Category** A**Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.**UN "Model Regulation"** Not Regulated**SECTION 15: REGULATORY INFORMATION****Sara****Section 355** None of the ingredients is listed.  
(extremely hazardous substances)**Section 313** None of the ingredients is listed.  
(Specific toxic chemical listings)**TSCA** All ingredients are listed.  
(Toxic Substances Control Act)**Proposition 65****Chemicals known to cause cancer** None of the ingredients is listed.**Chemicals known to cause reproductive toxicity for females** None of the ingredients is listed.**Chemicals known to cause reproductive toxicity for males** None of the ingredients is listed.**Chemicals known to cause developmental toxicity** None of the ingredients is listed.**Carcinogenic categories****EPA** None of the ingredients is listed  
(Environmental Protection Agency)**TLV** None of the ingredients is listed  
(Threshold Limit Value established by ACGIH)**NIOSH-Ca** None of the ingredients is listed  
(National Institute for Occupational Safety and Health)**GHS Label** GHS label elements The product is classified and labeled according to the Globally Harmonized System (GHS).

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Hazard pictogram



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Hazard Statement May cause an allergic skin reaction.

### Precautionary statements

- |            |  |
|------------|--|
| Prevention | Avoid breathing dust/fume/gas/mist/vapors/spray<br>Wear protective gloves                                    |
| Response   | Wash contaminated clothing before reuse.<br>If skin irritation or rash occurs: Get medical advice/attention. |
| Disposal   | Dispose of contents/container in accordance with<br>local/regional/national/international regulations.       |

### National regulations

- |                                     |   |
|-------------------------------------|---|
| Information about limitation of use | Workers are not allowed to be exposed to the hazardous carcinogenic materials contained in this preparation.<br>Exceptions can be made by the authorities in certain cases. |
| Chemical safety assessment          | A Chemical Safety Assessment has not been carried out.  |

## SECTION 16: OTHER INFORMATION

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### Abbreviations and acronyms:

DOT: US Department of Transportation  
ACGIH: American Conference of Governmental Industrial Hygienists  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
NFPA: National Fire Protection Association (USA)  
HMIS: Hazardous Materials Identification System (USA)  
VOC: Volatile Organic Compounds (USA, EU)  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
NIOSH: National Institute for Occupational Safety  
OSHA: Occupational Safety & Health  
TLV: Threshold Limit Value



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PEL: Permissible Exposure Limit  
REL: Recommended Exposure Limit  
Skin Sens. 1B: Sensitisation - Skin, Hazard Category 1B

**HMIS:**

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