



# SAFETY DATA SHEET

Revision Date 01-Mar-2021

## 1. IDENTIFICATION

### Product identifier

**Product Name** UNIVERSAL ZERO VOC REDUCER - FAST

### Other means of identification

**Product Code** 7770

### Recommended use of the chemical and restrictions on use

**Recommended Use** SOLVENT

**Uses advised against** N/A

### Details of the supplier of the safety data sheet Manufacturer Address

High Teck Products  
PO Box 24631  
West Palm Beach, FL 33416 USA  
877-900-8325

### 24-hour emergency phone number

CHEMTREC: 800-255-3924 or 813-248-0585

**E-mail address:** [highteck@highteck.com](mailto:highteck@highteck.com)

## 2. HAZARDS IDENTIFICATION

### **GHS Classification**

Flammable liquids : Category 2

Skin irritation : Category 2

Eye irritation : Category 2A

Skin sensitisation : Category 1

Specific target organ toxicity - single exposure : Category 3 (Central nervous system)

### **GHS Label element**

Hazard pictograms :



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|                          |  |
|--------------------------|--|
| Signal word              | : Danger   |
| Hazard statements        | : H225 Highly flammable liquid and vapour.<br>H315 + H320 Causes skin and eye irritation.<br><br>H317 May cause an allergic skin reaction.<br>H336 May cause drowsiness or dizziness.  |
| Precautionary statements | : <b>Prevention:</b><br>P210 Keep away from open flames/hot surfaces. - No smoking.<br>P233 Keep container tightly closed.<br>P240 Ground/bond container and receiving equipment.<br>P242 Use only non-sparking tools.<br>P264 Wash skin thoroughly after handling.<br>P271 Use only outdoors or in a well-ventilated area.<br>P280 Wear protective gloves/ eye protection/ face protection.<br><b>Response:</b><br>P303 + P361 + P353 IF ON SKIN (or hair): Remove/ Take off immediately all contaminated clothing. Rinse skin with water/ shower.<br>P304 + P340 + P312 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell.<br>P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction.<br><b>Storage:</b><br>P403 + P235 Store in a well-ventilated place. Keep cool.<br>P405 Store locked up.<br><b>Disposal:</b><br>P501 Dispose of contents/ container to an approved waste disposal plant. |

### Potential Health Effects

#### Carcinogenicity:

##### IARC

No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

##### ACGIH

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

**OSHA** No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**NTP** No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

### Emergency Overview

|                |                           |
|----------------|---------------------------|
| Appearance     | liquid                    |
| Colour         | clear, colourless         |
| Hazard Summary | No information available. |

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

### Hazardous components

| CAS-No. | Chemical Name                      | Concentration (%) |
|---------|------------------------------------|-------------------|
| 67-64-1 | Acetone                            | 70 - 90           |
| 98-56-6 | Parachlorobenzotrifluoride (PCBTF) | 10 - 20           |

## 4. FIRST AID MEASURES

General advice : Show this safety data sheet to the doctor in attendance.

If inhaled : Consult a physician after significant exposure. If unconscious place in recovery position and seek medical advice.

In case of skin contact : If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.

In case of eye contact : Immediately flush eye(s) with plenty of water. If eye irritation persists, consult a specialist.

If swallowed : Keep respiratory tract clear. If symptoms persist, call a physician.

## 5. FIRE-FIGHTING MEASURES

|   |  |
|---|--|
| Suitable extinguishing media                  | : Alcohol-resistant foam<br>Carbon dioxide (CO <sub>2</sub> )<br>Dry chemical  |
| Unsuitable extinguishing media                | : High volume water jet  |
| Specific hazards during firefighting          | : Do not allow run-off from fire fighting to enter drains or water courses.  |
| Hazardous combustion products                 | : No hazardous combustion products are known   |
| Specific extinguishing methods                | : Use a water spray to cool fully closed containers.   |
| Further information                           | : Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.<br>For safety reasons in case of fire, cans should be stored separately in closed containments. |
| Special protective equipment for firefighters | : Wear self-contained breathing apparatus for firefighting if necessary.   |

#### **NFPA Flammable and Combustible Liquids Classification:**

Flammable Liquid Class IB

### **6. ACCIDENTAL RELEASE MEASURES**

|   |   |
|---|---|
| Personal precautions, protective equipment and emergency procedures | : Use personal protective equipment.<br>Ensure adequate ventilation.<br>Remove all sources of ignition.<br>Evacuate personnel to safe areas.<br>Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. |
| Environmental precautions   | : Prevent product from entering drains.<br>Prevent further leakage or spillage if safe to do so.<br>If the product contaminates rivers and lakes or drains inform respective authorities.   |

Methods and materials for containment and cleaning up : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

## 7. HANDLING AND STORAGE

Advice on safe handling : Avoid formation of aerosol.  
Do not breathe vapours/dust.  
Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Take precautionary measures against static discharges.  
Provide sufficient air exchange and/or exhaust in work rooms.  
Container may be opened only under exhaust ventilation hood.  
Open drum carefully as content may be under pressure.  
Dispose of rinse water in accordance with local and national regulations.  
Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Conditions for safe storage : No smoking.  
Keep container tightly closed in a dry and well-ventilated place.  
Containers which are opened must be carefully resealed and kept upright to prevent leakage.  
Observe label precautions.  
Electrical installations / working materials must comply with the technological safety standards.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Components with workplace control parameters

| CAS-No. | Components | Value type<br>(Form of exposure) | Control parameters / Permissible concentration | Basis |
|---------|------------|----------------------------------|--|-------|
|         |            |                                  |  |       |

|         |         |      |                                      |           |
|---------|---------|------|--------------------------------------|-----------|
| 67-64-1 | Acetone | TWA  | 500 ppm                              | ACGIH     |
|         |         | STEL | 750 ppm                              | ACGIH     |
|         |         | TWA  | 250 ppm<br>590 mg/m <sup>3</sup>     | NIOSH REL |
|         |         | TWA  | 1,000 ppm<br>2,400 mg/m <sup>3</sup> | OSHA Z-1  |
|         |         | TWA  | 750 ppm<br>1,800 mg/m <sup>3</sup>   | OSHA P0   |

|  |  |      |                                      |         |
|--|--|------|--------------------------------------|---------|
|  |  | STEL | 1,000 ppm<br>2,400 mg/m <sup>3</sup> | OSHA P0 |
|--|--|------|--------------------------------------|---------|

### Biological occupational exposure limits

| Components | CAS-No. | Control parameters | Biological specimen | Sampling time   | Permissible concentration | Basis     |
|------------|---------|--------------------|---------------------|---|---------------------------|-----------|
| Acetone    | 67-64-1 | Acetone            | Urine               | End of shift<br>(As soon as possible after exposure ceases) | 50 mg/l                   | ACGIH BEI |

### Personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.  
In the case of vapour formation use a respirator with an approved filter.

Hand protection  
Remarks : The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Eye protection : Eye wash bottle with pure water  
Tightly fitting safety goggles  
Wear face-shield and protective suit for abnormal processing problems.

Skin and body protection : impervious clothing  
Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Hygiene measures : When using do not eat or drink.  
When using do not smoke.  
Wash hands before breaks and at the end of workday.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

|   |  |
|---|--|
| Appearance                                  | : liquid   |
| Colour                                      | : clear, colourless  |
| Odour                                       | : No data available  |
| Odour Threshold                             | : No data available  |
| pH  | : No data available  |
| Freezing Point                              | : No data available  |
| Boiling Point (Boiling point/boiling range) | : 56 - 140 °C (133 - 284 °F)<br>(1,013.25 hPa)<br>Calculated Phase Transition Liquid/Gas |
| Flash point                                 | : $\geq -20$ °C ( $\geq -4$ °F)  |
| Evaporation rate                            | : No data available  |
| Flammability (solid, gas)                   | : No data available  |
| Burning rate                                | : No data available  |
| Upper explosion limit                       | : 12.8 %(V)<br>GLP: Calculated Explosive Limit   |
| Lower explosion limit                       | : 0.9 %(V)<br>GLP: Calculated Explosive Limit  |
| Vapour pressure                             | : 231 mmHg @ 25 °C (77 °F)<br>Calculated Vapor Pressure                                  |
| Relative vapour density                     | : No data available  |
| Relative density                            | : No data available  |
| Density                                     | : 0.829 g/cm <sup>3</sup> @ 20 °C (68 °F)<br>6.9147 lb/gal @ 20 °C (68 °F)               |
| Bulk density                                | : No data available  |
| Water solubility                            | : No data available  |
| Solubility in other solvents                | : No data available  |

Partition coefficient: n-octanol/water : No data available

Auto-ignition temperature : No data available

Thermal decomposition : No data available

Regulatory VOC (lbs/gal) : 0.00

Regulatory VOC (g/l) : 0.00

Actual VOC (lbs/gal) : 0.00

Actual VOC (g/l) : 0.00

## 10. STABILITY AND REACTIVITY

Reactivity : No dangerous reaction known under conditions of normal use.

Chemical stability : Stable under normal conditions.

Possibility of hazardous reactions : Product will not undergo hazardous polymerization. Vapours may form explosive mixture with air.

Conditions to avoid : Keep away from heat, flame, sparks and other ignition sources.  
Extremes of temperature and direct sunlight.

Incompatible materials : Acids  
alkalis  
Amines  
Ammonia  
halogens  
Peroxides  
Reducing agents  
Strong bases  
Strong oxidizing agents

## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity

#### **Product:**

Acute oral toxicity : Acute toxicity estimate : > 5,000 mg/kg  
Method: Calculation method

#### **Components:**

##### **67-64-1:**

Acute oral toxicity : LD50 (rat): 5,800 mg/kg



Acute inhalation toxicity : LC50 (rat): 76.0 mg/l  
Exposure time: 4 h

Acute dermal toxicity : LD50 : > 7,426 mg/kg

**98-56-6:**

Acute oral toxicity : LD50 (rat): 13,000 mg/kg

Acute inhalation toxicity : LC50 (rat): 33 mg/l  
Exposure time: 4 h

Acute dermal toxicity : LD50 (rabbit): > 3,300 mg/kg

**Skin corrosion/irritation**

**Product:**

Result: Irritating to skin.

**Components:**

**67-64-1:**

Species: rabbit  
Exposure time: 24 h  
Method: In vivo  
Result: Mild skin irritation

**98-56-6:**

Species: rabbit  
Result: Irritating to skin.

**Serious eye damage/eye irritation**

**Product:**

Result: Irritating to eyes.

**Components:**

**67-64-1:**

Species: rabbit  
Result: Irritating to eyes.  
Exposure time: 24 h

**98-56-6:**

Species: rabbit  
Result: Irritating to eyes.

**Respiratory or skin sensitisation**

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**Product:**

Remarks: Causes sensitisation.

**Components:****67-64-1:**

Test Type: Maximization test

Species: guinea pig

Result: Did not cause sensitisation on laboratory animals.

**98-56-6:**

Test Type: lymph node assay

Species: mouse

Method: OECD Test Guideline 429

Result: May cause sensitisation by skin contact.

**Germ cell mutagenicity****Components:****67-64-1:**

- |                                   |   |
|-----------------------------------|---|
| Genotoxicity in vitro             | <ul style="list-style-type: none"> <li>: Test Type: Mammalian cell gene mutation assay</li> <li>Test species: Mouse lymphoma cells</li> <li>Metabolic activation: Without metabolic activation</li> <li>Method: OECD Test Guideline 476</li> <li>Result: negative</li> </ul>                  |
|                                   | <ul style="list-style-type: none"> <li>: Test Type: Ames test</li> <li>Metabolic activation: with and without metabolic activation</li> <li>Method: OECD Test Guideline 471</li> <li>Result: negative</li> </ul>  |
|                                   | <ul style="list-style-type: none"> <li>: Test Type: Chromosome aberration test in vitro</li> <li>Test species: Chinese hamster ovary (CHO)</li> <li>Metabolic activation: with and without metabolic activation</li> <li>Method: OECD Test Guideline 473</li> <li>Result: negative</li> </ul> |
| Genotoxicity in vivo              | <ul style="list-style-type: none"> <li>: Test Type: In vivo micronucleus test</li> <li>Test species: mouse</li> <li>Application Route: Oral</li> <li>Exposure time: 13 wk</li> <li>Dose: 5,000, 10,000, 20,000 ppm</li> <li>Result: negative</li> </ul>                                       |
| Germ cell mutagenicity-Assessment | <ul style="list-style-type: none"> <li>: Tests on bacterial or mammalian cell cultures did not show mutagenic effects.</li> </ul>   |

**98-56-6:**

- Genotoxicity in vitro : Test Type: Ames test  
 Test species: Salmonella typhimurium  
 Metabolic activation: with and without metabolic activation
- Method: OECD Test Guideline 471  
 Result: negative  
 GLP: yes
- : Test Type: Chromosome aberration test in vitro  
 Test species: Chinese hamster ovary (CHO)  
 Metabolic activation: with and without metabolic activation  
 Result: negative  
 GLP: yes
- Genotoxicity in vivo : Test Type: Chromosome aberration assay in vivo  
 Test species: rat (male and female)  
 Cell type: Bone marrow  
 Application Route: Oral  
 Dose: 0.5, 1.7, 5 mL/kg  
 Result: negative
- Germ cell mutagenicity-Assessment : Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

## **Carcinogenicity**

### **Components:**

#### **67-64-1:**

Species: mouse, (female)  
 Application Route: Dermal  
 Exposure time: 365 d (90%) or 424 d (100%)  
 Dose: 0.1ml 90(71mg) or 100% (79mg)  
 Frequency of Treatment: 3 times per wk  
 NOAEL: 79

Result: did not display carcinogenic properties

Carcinogenicity - Assessment : Carcinogenicity classification not possible from current data.

#### **98-56-6:**

Remarks: This information is not available.

Carcinogenicity - Assessment : Carcinogenicity classification not possible from current data.

## **Reproductive toxicity**

**Components:****67-64-1:**

Effects on fertility : Species: rat, male  
Application Route: oral

Dose: 0, 5000, 10000 mg/L  
Frequency of Treatment: 7 days/week  
General Toxicity - Parent: LOAEL: 10,000  
Fertility: 10,000

Effects on foetal development : Species: rat  
Application Route: Inhalation  
Dose: 0, 440, 2200, 11000 ppm  
Frequency of Treatment: 7 days/week  
General Toxicity Maternal: NOAEC: 2,200 ppm  
Teratogenicity: NOAEC: 11,000 ppm  
Embryo-foetal toxicity.: NOAEC: 2,200 ppm  
Method: OECD Test Guideline 414  
Result: No teratogenic potential.  
GLP: No data available

Reproductive toxicity - Assessment : No evidence of adverse effects on sexual function and fertility, and on development, based on animal experiments.

**98-56-6:**

Effects on fertility : Test Type: One generation study  
Species: rat, male and female  
Application Route: oral  
Dose: 5, 15, 45 mg/kg/day  
General Toxicity F1: NOAEL: 45 mg/kg bw  
Method: OECD Test Guideline 415  
GLP: yes

Effects on foetal development : Remarks: No data available

Reproductive toxicity - Assessment : No toxicity to reproduction  
Embryotoxicity classification not possible from current data.

**STOT - single exposure**

**Product:** No data available

**Components:**

67-64-1:

| Exposure routes: | Target Organs: | Assessment: | Remarks: |
|------------------|----------------|-------------|----------|
|------------------|----------------|-------------|----------|

|            |                        |   |  |
|------------|------------------------|---|--|
| Inhalation | Central nervous system | May cause drowsiness or dizziness., The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with narcotic |  |
|            |                        | effects.  |  |

98-56-6:

| <b>Exposure routes:</b> | <b>Target Organs:</b> | <b>Assessment:</b>  | <b>Remarks:</b> |
|-------------------------|-----------------------|---|-----------------|
| Inhalation              | Respiratory system    | May cause respiratory irritation., The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation. |                 |

**STOT - repeated exposure****Product:** No data available**Components:****67-64-1:** No data available**98-56-6:** No data available**Repeated dose toxicity****Components:****67-64-1:**

Species: mouse, male

NOAEL: 20000

Application Route: Oral

Exposure time: 13 wk

Number of exposures: daily

Dose: 1250, 2500, 5000, 10000, 20000

Method: OECD Test Guideline 408

GLP: No data available

Species: mouse, female  
NOAEL: 20000  
LOAEL: 50000  
Application Route: Oral  
Exposure time: 13 wk  
Number of exposures: daily  
Dose: 2500, 5000, 10000, 20000, 5000  
Method: OECD Test Guideline 408  
GLP: No data available

Repeated dose toxicity - : Causes mild skin irritation., Causes serious eye irrita-

Assessment tion.

**98-56-6:**

Species: rat, male and female  
NOAEL: 40 mg/kg  
LOAEL: 150 mg/kg  
Application Route: Oral  
Exposure time: 3 mo  
Number of exposures: daily  
Dose: 0, 10, 40, 150, 500 mg/kg bw  
Symptoms: Liver effects

Species: rat, male  
NOAEL: 5.5  
LOAEL: 20.5  
Application Route: Inhalation  
Exposure time: 4 mo  
Number of exposures: 24 hrs daily  
Dose: 5.5, 20.5, 71.6, 440 mg/m<sup>3</sup>  
Symptoms: Effects on biochemical parameters

**Aspiration toxicity**

**Components:**

**98-56-6:**

No aspiration toxicity classification

**Further information**

**Product:**

Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting., Concentrations substantially above the TLV value may cause narcotic effects., Solvents may decrease the skin.

## 12. ECOLOGICAL INFORMATION

### Ecotoxicity

#### **Components:**

##### **67-64-1:**

Toxicity to fish : LC50 (Oncorhynchus mykiss (rainbow trout)): 6,100 mg/l  
Exposure time: 48 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia magna (Water flea)): 7,630 mg/l  
Exposure time: 48 h

brates Test substance: Acetone

Toxicity to algae : Remarks: No data available

##### **98-56-6:**

Toxicity to fish : LC50 (Danio rerio (zebra fish)): 3 mg/l  
Exposure time: 96 h  
Test Type: semi-static test  
Method: OECD Test Guideline 203  
GLP: yes

Toxicity to daphnia and other aquatic invertebrates : IC50 (Daphnia magna (Water flea)): 2 mg/l  
Exposure time: 48 h  
Test Type: semi-static test  
Method: OECD Test Guideline 202  
GLP: yes

Toxicity to algae : EC50 (Pseudokirchneriella subcapitata): > 0.41 mg/l  
End point: Growth rate  
Exposure time: 72 h  
Test Type: static test  
Method: OECD Test Guideline 201  
GLP: yes  
Remarks: No data available

M-Factor (Acute aquatic toxicity) : 1

Ecotoxicology Assessment  
Acute aquatic toxicity : Very toxic to aquatic life.

Chronic aquatic toxicity : Very toxic to aquatic life with long lasting effects.

### **Persistence and degradability**

#### **Components:**

##### **67-64-1:**

Biodegradability : Remarks: Readily biodegradable

**98-56-6:**

Biodegradability : aerobic  
 Inoculum: Activated sludge, domestic, non-adapted  
 Result: Not readily biodegradable.  
 Biodegradation: 19.2 %  
 Exposure time: 28 d  
 Method: OECD Test Guideline 301D  
 GLP: yes

**Bioaccumulative potential****Components:****67-64-1:**

Partition coefficient: n-octanol/water : log Pow: -0.24

**98-56-6:**

Partition coefficient: n-octanol/water : Pow: 5,030 (25 °C)  
 log Pow: 3.7 (25 °C)

**Mobility in soil**

No data available

**Other adverse effects**

No data available

**Product:**

|                                   |   |
|-----------------------------------|---|
| Regulation                        | 40 CFR Protection of Environment; Part 82 Protection of Stratospheric Ozone - CAA Section 602 Class I Substances  |
| Remarks                           | This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B). |
| Additional ecological information | : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal., Toxic to aquatic life with long lasting effects.                   |

**13. DISPOSAL CONSIDERATIONS****Disposal methods**

Waste from residues : Dispose of in accordance with all applicable local, state and federal regulations.



Contaminated packaging : Empty remaining contents.  
 Dispose of as unused product.  
 Do not re-use empty containers.  
 Do not burn, or use a cutting torch on, the empty drum.

#### 14. TRANSPORT INFORMATION

**IATA (International Air Transport Association):** UN1263, PAINT RELATED MATERIAL, 3, II, Flash Point:  $\geq -20$  °C ( $\geq -4$  °F)

**IMDG (International Maritime Dangerous Goods):** UN1263, PAINT RELATED MATERIAL, 3, II

**DOT (Department of Transportation):** UN1263, PAINT RELATED MATERIAL, 3, II

#### 15. REGULATORY INFORMATION

**OSHA Hazards** : Flammable liquid, Moderate skin irritant, Severe eye irritant, Moderate respiratory irritant, Skin sensitiser

**WHMIS Classification** : B2: Flammable liquid  
 D2A: Very Toxic Material Causing Other Toxic Effects  
 D2B: Toxic Material Causing Other Toxic Effects

#### EPCRA - Emergency Planning and Community Right-to-Know Act

##### CERCLA Reportable Quantity

| Components | CAS-No. | Component RQ (lbs) | Calculated product RQ (lbs) |
|------------|---------|--------------------|-----------------------------|
| Acetone    | 67-64-1 | 5000               | *                           |

\*: Calculated RQ exceeds reasonably attainable upper limit.

##### SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

**SARA 311/312 Hazards** : Fire Hazard  
 Acute Health Hazard

**SARA 302** : SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313** : SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**Clean Air Act**

The following chemical(s) are listed as HAP under the U.S. Clean Air Act, Section 12 (40 CFR 61):

|         |          |          |
|---------|----------|----------|
| 67-56-1 | Methanol | 0.0054 % |
| 71-43-2 | Benzene  | 0.0044 % |

This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F).

The following chemical(s) are listed under the U.S. Clean Air Act Section 111 SOCM Intermediate or Final VOC's (40 CFR 60.489):

|         |          |           |
|---------|----------|-----------|
| 67-64-1 | Acetone  | 88.6584 % |
| 67-56-1 | Methanol | 0.0054 %  |
| 71-43-2 | Benzene  | 0.0044 %  |

**Clean Water Act**

The following Hazardous Substances are listed under the U.S. CleanWater Act, Section 311, Table 116.4A:

|         |         |          |
|---------|---------|----------|
| 71-43-2 | Benzene | 0.0044 % |
|---------|---------|----------|

The following Hazardous Chemicals are listed under the U.S. CleanWater Act, Section 311, Table 117.3:

|         |         |          |
|---------|---------|----------|
| 71-43-2 | Benzene | 0.0044 % |
|---------|---------|----------|

This product does not contain any toxic pollutants listed under the U.S. Clean Water Act Section 307

**US State Regulations****Massachusetts Right To Know**

|         |         |           |
|---------|---------|-----------|
| 67-64-1 | Acetone | 70 - 90 % |
| 71-43-2 | Benzene | 0 - 0.1 % |

**Pennsylvania Right To Know**

|         |                                    |           |
|---------|------------------------------------|-----------|
| 67-64-1 | Acetone                            | 70 - 90 % |
| 98-56-6 | Parachlorobenzotrifluoride (PCBTF) | 10 - 20 % |

**New Jersey Right To Know**

|         |                                    |           |
|---------|------------------------------------|-----------|
| 67-64-1 | Acetone                            | 70 - 90 % |
| 98-56-6 | Parachlorobenzotrifluoride (PCBTF) | 10 - 20 % |

**California Prop 65**

|         |  |
|---------|--|
| 71-43-2 | <p>WARNING! This product contains a chemical known to the State of California to cause cancer.</p> <p>Benzene</p> <p>WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.</p> |
| 67-56-1 | Methanol   |
| 71-43-2 | Benzene  |

**The components of this product are reported in the following inventories:**

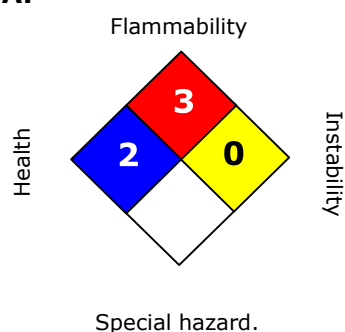
|   |   |   |
|---|---|---|
| <b>Switzerland. New notified substances and declared preparations</b> | : | y (positive listing)<br>(The formulation contains substances listed on the Swiss Inventory) |
|---|---|---|

|   |   |   |
|---|---|---|
| <b>United States TSCA Inventory</b>                                       | : | y (positive listing)<br>(On TSCA Inventory)                                       |
| <b>Canadian Domestic Substances List (DSL)</b>                            | : | y (positive listing)<br>(All components of this product are on the Canadian DSL.) |
| <b>Australia Inventory of Chemical Substances (AICS)</b>                  | : | y (positive listing)<br>(On the inventory, or in compliance with the inventory)   |
| <b>Japan. ENCS - Existing and New Chemical Substances Inventory</b>       | : | y (positive listing)<br>(On the inventory, or in compliance with the inventory)   |
| <b>Japan. ISHL - Inventory of Chemical Substances (METI)</b>              | : | y (positive listing)<br>(On the inventory, or in compliance with the inventory)   |
| <b>Korea. Korean Existing Chemicals Inventory (KECI)</b>                  | : | y (positive listing)<br>(On the inventory, or in compliance with the inventory)   |
| <b>Philippines Inventory of Chemicals and Chemical Substances (PICCS)</b> | : | y (positive listing)<br>(On the inventory, or in compliance with the inventory)   |
| <b>China. Inventory of Existing Chemical Substances in China (IECSC)</b>  | : | y (positive listing)<br>(On the inventory, or in compliance with the inventory)   |

## 16. OTHER INFORMATION, INCLUDING DATE OF PREPARATION OF THE LAST REVISION

**Version** 2.0

### NFPA:



### HMIS III:

|                        |          |
|------------------------|----------|
| <b>HEALTH</b>          | <b>2</b> |
| <b>FLAMMABILITY</b>    | <b>3</b> |
| <b>PHYSICAL HAZARD</b> | <b>0</b> |

0 = not significant, 1 =Slight,  
2 = Moderate, 3 = High  
4 =Extreme, \* = Chronic

**Revision Date** 03-01-2021

#### Disclaimer

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**Legacy MSDS:** 000000214730

#### **Material number:**

16013199, 16013224, 16013223, 16013222

| <b>Key or legend to abbreviations and acronyms used in the safety data sheet</b> |   |       |   |
|--|---|-------|---|
| ACGIH  | American Conference of Government Industrial Hygienists | LD50  | Lethal Dose 50%                                     |
| AICS   | Australia, Inventory of Chemical Substances             | LOAEL | Lowest Observed Adverse Effect Level                |
| DSL  | Canada, Domestic Substances List                        | NFPA  | National Fire Protection Agency                     |
| NDSL   | Canada, Non-Domestic Substances List                    | NIOSH | National Institute for Occupational Safety & Health |
| CNS  | Central Nervous System                                  | NTP   | National Toxicology Program                         |
| CAS  | Chemical Abstract Service                               | NZIoC | New Zealand Inventory of Chemicals                  |
| EC50   | Effective Concentration                                 | NOAEL | No Observable Adverse Effect Level                  |
| EC50   | Effective Concentration 50%                             | NOEC  | No Observed Effect Concentration                    |
| EGEST  | EOSCA Generic Exposure                                  | OSHA  | Occupational Safety & Health Admin-                 |

|        | Scenario Tool  |       | istration  |
|--------|--|-------|--|
| EOSCA  | European Oilfield Specialty Chemicals Association        | PEL   | Permissible Exposure Limit   |
| EINECS | European Inventory of Existing Chemical Substances       | PICCS | Philippines Inventory of Commercial Chemical Substances                              |
| MAK    | Germany Maximum Concentration Values                     | PRNT  | Presumed Not Toxic   |
| GHS    | Globally Harmonized System                               | RCRA  | Resource Conservation Recovery Act   |
| >=     | Greater Than or Equal To                                 | STEL  | Short-term Exposure Limit  |
| IC50   | Inhibition Concentration 50%                             | SARA  | Superfund Amendments and Reauthorization Act.  |
| IARC   | International Agency for Research on Cancer              | TLV   | Threshold Limit Value  |
| IECSC  | Inventory of Existing Chemical Substances in China       | TWA   | Time Weighted Average  |
| ENCS   | Japan, Inventory of Existing and New Chemical Substances | TSCA  | Toxic Substance Control Act  |
| KECI   | Korea, Existing Chemical Inventory                       | UVCB  | Unknown or Variable Composition, Complex Reaction Products, and Biological Materials |
| <=     | Less Than or Equal To                                    | WHMIS | Workplace Hazardous Materials Information System                                     |
| LC50   |  |       | Lethal Concentration 50%   |

**End of Safety Data Sheet**