# Kelviscera 35 - Rapid Response Formula

## Safety Data Sheet

## Section 1: Identification

### Product identifier

**Product Name** • **Kelviscera 35**

### Relevant identified uses of the substance or mixture and uses advised against

**Recommended use** • Cavity embalming fluid

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

**Manufacturer** • Kelco Supply

20000 176th Street NW
Big Lake, MN 55309
United States
www.kelcosupply.com
info@kelcosupply.com

**Telephone (General)** • 800-328-7720

### Emergency telephone number

**Manufacturer** • 800-424-9300 - CHEMTREC

**Manufacturer** • 202-483-7616 - CHEMTREC International

## Section 2: Hazard Identification

### United States (US)

**According to: OSHA 29 CFR 1910.1200 HCS**

### Classification of the substance or mixture

**OSHA HCS 2012** • Flammable Liquids 4
Acute Toxicity Oral 4
Acute Toxicity Dermal 3
Skin Corrosion 1C
Skin Sensitization 1A
Serious Eye Damage 1
Acute Toxicity Inhalation 3
Germ Cell Mutagenicity 1B
Carcinogenicity 1A
Reproductive Toxicity 2
Specific Target Organ Toxicity Single Exposure 2
Specific Target Organ Toxicity Repeated Exposure 1

### Label elements

**OSHA HCS 2012**

**DANGER**

**Hazard statements**

- Combustible liquid
  Harmful if swallowed
  Toxic in contact with skin
  Causes severe skin burns and eye damage.
  May cause an allergic skin reaction
  Causes serious eye damage
  Toxic if inhaled
  May cause genetic defects.
  May cause cancer.
  Suspected of damaging fertility or the unborn child.
  May cause damage to organs.
  Causes damage to organs through prolonged or repeated exposure.

**Precautionary statements**

**Prevention**

- Obtain special instructions before use.
  Do not handle until all safety precautions have been read and understood.
  Keep away from heat, sparks, open flames and/or hot surfaces. - No smoking.
  Do not breathe mists, vapours, and/or spray.
  Wash thoroughly after handling.
  Do not eat, drink or smoke when using this product.
  Use only outdoors or in a well-ventilated area.
  Contaminated work clothing should not be allowed out of the workplace.
  Wear protective gloves, clothing , and eye/face protection , .

**Response**

- In case of fire: Use appropriate media for extinction.
  IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
  If on skin: Wash with plenty of water .
  Take off immediately all contaminated clothing and wash it before reuse.
  Specific treatment, see supplemental first aid information.
  If skin irritation or rash occurs: Get medical advice/attention.
  Call a POISON CENTER or doctor/physician if you feel unwell.
  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
  Immediately call a POISON CENTER or doctor/physician.
  IF exposed or concerned: Get medical advice/attention.

**Storage/Disposal**

- Store in a well-ventilated place. Keep container tightly closed.
  Keep cool.
  Store locked up.
  Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## Other hazards

**OSHA HCS 2012**

- Under United States Regulations (29 CFR 1910.1200 - Hazard Communication Standard), this product is considered hazardous.

## Canada

**According to: WHMIS**

## Classification of the substance or mixture

**WHMIS**

- Combustible Liquids - B3
  Very Toxic - D1A
  Other Toxic Effects - D2A
  Other Toxic Effects - D2B

## Label elements

**WHMIS**

- Combustible Liquids - B3
  Very Toxic - D1A

Other Toxic Effects - D2A
Other Toxic Effects - D2B

## Other hazards

**WHMIS**

- In Canada, the product mentioned above is considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

## Section 3 - Composition/Information on Ingredients

## Substances

- Material does not meet the criteria of a substance.

## Mixtures

| Composition | | | | | |
|---|---|---|---|---|---|
| **Chemical Name** | **Identifiers** | **%** | **LD50/LC50** | **Classifications According to Regulation/Directive** | **Comments** |
| Methanol | **CAS:**67-56-1 | N/A | Inhalation-Rat LC50 • 64000 ppm 4 Hour(s)<br>Skin-Rabbit LD50 • 15800 mg/kg<br>Ingestion/Oral-Rat LD50 • 5600 mg/kg | **OSHA HCS 2012:** Flam. Liq. 2; Eye Irrit. 2A; Skin Irrit. 2; STOT SE 3: Narc.; STOT RE 1 (Eyes); STOT SE 2 (Eyes); Repr. 2 | NDA |
| Formaldehyde | **CAS:**50-00-0 | N/A | Ingestion/Oral-Rat LD50 • 100 mg/kg<br>Inhalation-Rat LC50 • 203 mg/m³<br>Skin-Rabbit LD50 • 270 mg/kg | **OSHA HCS 2012:** Skin Corr. 1C; Eye Dam. 1; Acute Tox. 3 (orl, skn); Carc. 1A; Skin Sens. 1A; Muta. 1B; Acute Tox. 2 (inhl) | NDA |
| *Proprietary* | *Proprietary* | N/A | | **OSHA HCS 2012:** Eye Irrit. 2 | NDA |
| *Proprietary* | *Proprietary* | N/A | Ingestion/Oral-Rat LD50 • 3310 mg/kg<br>Skin-Rabbit LD50 • 1060 mg/kg<br>Inhalation-Rat LC50 • 11000 mg/m³ 4 Hour(s) | **OSHA HCS 2012:** Exposure limits | NDA |
| *Proprietary* | *Proprietary* | N/A | | **OSHA HCS 2012:** Eye Irrit. 2 | NDA |
| *Proprietary* | *Proprietary* | N/A | Ingestion/Oral-Rat LD50 • 3700 mg/kg | **OSHA HCS 2012:** Exposure limits | NDA |

## Section 4: First-Aid Measures

## Description of first aid measures

**Inhalation**

- Move victim to fresh air. Administer oxygen if breathing is difficult. Do not use mouth-to-mouth method if victim inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

**Skin**

- For minor skin contact, avoid spreading material on unaffected skin. In case of contact

with substance, immediately flush skin with running water for at least 20 minutes. Remove and isolate contaminated clothing. Wash skin with soap and water. If irritation develops and persists, get medical attention.

**Eye**
- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first five minutes, then continue rinsing eye. If eye irritation persists: Get medical advice/attention.

**Ingestion**
- Rinse mouth. Do NOT induce vomiting. Seek medical attention immediately.

### Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

### Indication of any immediate medical attention and special treatment needed

**Notes to Physician**
- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

## Section 5: Fire-Fighting Measures

### Extinguishing media

**Suitable Extinguishing Media**
- SMALL FIRES: Dry chemical, CO2, water spray or alcohol-resistant foam.
  LARGE FIRES: Water spray, fog or alcohol-resistant foam.

**Unsuitable Extinguishing Media**
- No data available

### Special hazards arising from the substance or mixture

**Unusual Fire and Explosion Hazards**
- Containers may explode when heated.
  HIGHLY FLAMMABLE: Will be easily ignited by heat, sparks or flames.
  Many liquids are lighter than water.
  Vapors may form explosive mixtures with air.
  Most vapors are heavier than air. They will spread along ground and collect in low or confined areas (sewers, basements, tanks).
  Vapors may travel to source of ignition and flash back.
  Vapor explosion hazard indoors, outdoors or in sewers.
  Runoff to sewer may create fire or explosion hazard.
  Formaldehyde can oxidize with air and heat to give corrosive formic acid fumes.

**Hazardous Combustion Products**
- No data available

### Advice for firefighters

- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.
  Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.
  Wear positive pressure self-contained breathing apparatus (SCBA).
  Move containers from fire area if you can do it without risk.
  LARGE FIRES: Cool containers with flooding quantities of water until well after fire is out.

## Section 6 - Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

**Personal Precautions**
- Ventilate enclosed areas. CAUTION: Victim may be a source of contamination. Do not walk through spilled material. Wear appropriate personal protective equipment, avoid direct contact. Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

**Emergency Procedures**
- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). As an immediate precautionary measure, isolate spill or leak area for at least

50 meters (150 feet) in all directions. Keep unauthorized personnel away. Stay upwind. Keep out of low areas. Do not get water inside container. If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions.

## Environmental precautions

- Prevent entry into waterways, sewers, basements or confined areas.

## Methods and material for containment and cleaning up

**Containment/Clean-up Measures**

- Stop leak if you can do it without risk.
Absorb small amounts on paper or rags and remove in a labeled, covered container.
For large spills absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.
Use clean non-sparking tools to collect absorbed material.
A vapor suppressing foam may be used to reduce vapors.
All equipment used when handling the product must be grounded.
LARGE SPILLS: Dike far ahead of liquid spill for later disposal.
LARGE SPILLS: Water spray may reduce vapor; but may not prevent ignition in closed spaces.

# Section 7 - Handling and Storage

## Precautions for safe handling

**Handling**

- Use only with adequate ventilation. Handle and open container with care. Keep away from heat, sparks, and flame. Take precautionary measures against static charges. All equipment used when handling the product must be grounded. Use caution when combining with water; DO NOT add water to corrosive liquid, ALWAYS add corrosive liquid to water while stirring to prevent release of heat, steam and fumes. Wear appropriate personal protective equipment, avoid direct contact. Do not breathe mist, vapours and/or spray. Do not get in eyes or on skin or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

## Conditions for safe storage, including any incompatibilities

**Storage**

- Keep container tightly closed. Store in a dry, well-ventilated place above 35ºF. Keep away from fire.

# Section 8 - Exposure Controls/Personal Protection

## Control parameters

| Exposure Limits/Guidelines | | | | |
|---|---|---|---|---|
| | **Result** | **ACGIH** | **NIOSH** | **OSHA** |
| Proprietary (Proprietary) | TWAs | 20 ppm TWA (listed under Turpentine and selected monoterpenes) | Not established | Not established |
| Proprietary (Proprietary) | TWAs | 10 ppm TWA | 10 ppm TWA; 25 mg/m3 TWA | 10 ppm TWA; 25 mg/m3 TWA |
| | STELs | 15 ppm STEL | 15 ppm STEL; 37 mg/m3 STEL | Not established |
| Methanol (67-56-1) | TWAs | 200 ppm TWA | 200 ppm TWA; 260 mg/m3 TWA | 200 ppm TWA; 260 mg/m3 TWA |
| | STELs | 250 ppm STEL | 250 ppm STEL; 325 mg/m3 STEL | Not established |
| Formaldehyde (50-00-0) | STELs | Not established | Not established | 2 ppm STEL (see 29 CFR 1910.1048) |
| | TWAs | Not established | 0.016 ppm TWA | 0.75 ppm TWA |
| | Ceilings | 0.3 ppm Ceiling | 0.1 ppm Ceiling (15 min) | Not established |

## Exposure controls

**Engineering Measures/Controls**

- Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other

engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Use explosion-proof electrical/ventilating/lighting/equipment.

**Personal Protective Equipment**

**Respiratory**
- Follow the OSHA respirator regulations found in 29 CFR 1910.134. Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or symptoms are experienced.

**Eye/Face**
- Wear chemical splash safety goggles.

**Skin/Body**
- Wear appropriate gloves. Wear protective clothing - Splash apron

**Environmental Exposure Controls**
- Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow best practice for site management and disposal of waste.

**Key to abbreviations**

ACGIH = American Conference of Governmental Industrial Hygiene
NIOSH = National Institute of Occupational Safety and Health
OSHA = Occupational Safety and Health Administration
STEL = Short Term Exposure Limits are based on 15-minute exposures
TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

## Section 9 - Physical and Chemical Properties

### Information on Physical and Chemical Properties

| | | | |
|---|---|---|---|
| **Material Description** | | | |
| Physical Form | Liquid | Appearance/Description | Clear liquid with a pungent odor. |
| Color | Clear | Odor | Pungent |
| Odor Threshold | No data available | | |
| **General Properties** | | | |
| Boiling Point | 190 to 210 F(87.7778 to 98.8889 C) | Melting Point | No data available |
| Decomposition Temperature | No data available | pH | No data available |
| Specific Gravity/Relative Density | > 1 Water=1 | Water Solubility | Soluble 100 % |
| Viscosity | No data available | | |
| **Volatility** | | | |
| Vapor Pressure | No data available | Vapor Density | > 1 Air=1 |
| Evaporation Rate | No data available | Volatiles (Wt.) | 95 % |
| Volatiles (Vol.) | 95 % | | |
| **Flammability** | | | |
| Flash Point | > 185 F(> 85 C) CC (Closed Cup) | UEL | 73 % (Formaldehyde) |
| LEL | 7 % (Formaldehyde) | Autoignition | No data available |
| Flammability (solid, gas) | No data available | | |
| **Environmental** | | | |
| Octanol/Water Partition coefficient | No data available | | |

## Section 10: Stability and Reactivity

### Reactivity

- No dangerous reaction known under conditions of normal use.

### Chemical stability

- Stable Stable under normal temperatures and pressures.

## Possibility of hazardous reactions

- Hazardous polymerization will not occur.

## Conditions to avoid

- Keep away from heat, sparks, and flame.

## Incompatible materials

- May react violently if mixed with phenol, strong acid and alkali or oxidizing agents.

## Hazardous decomposition products

- No data available

# Section 11 - Toxicological Information

## Information on toxicological effects

| Components | | |
|---|---|---|
| Formaldehyde (N/A) | 50-00-0 | **Acute Toxicity:** Ingestion/Oral-Rat LD50 • 100 mg/kg; Inhalation-Rat LC50 • 203 mg/m³; *Peripheral Nerve and Sensation*:**Spastic paralysis with or without sensory change**; *Behavioral*:**Convulsions or effect on seizure threshold**; *Behavioral*:**Excitement**; Inhalation-Rat LC50 • 250 ppm 4 Hour(s); Inhalation-Rat TCLo • 15 ppm; *Sense Organs and Special Senses:Olfaction*:**Tumors**; *Lungs, Thorax, or Respiration*:**Sputum**; *Gastrointestinal*:**Decreased motility or constipation**; Skin-Rabbit LD50 • 270 µL/kg;<br>**Irritation:** Eye-Rabbit • 10 mg • Severe irritation;<br>**Mutagen:** Mutation in Mammalian Somatic Cells • Unreported Route-Mouse • Lymphocyte (Somatic cell) • 74 mg/L;<br>**Reproductive:** Inhalation-Rat TCLo • 12 µg/m³ 24 Hour(s)(15D pre/1-22D preg); *Reproductive Effects:Effects on Newborn*:**Growth statistics (e.g., reduced weight gain)**; *Reproductive Effects:Effects on Newborn*:**Other postnatal measures or effects**;<br>**Tumorigen / Carcinogen:** Inhalation-Rat • 15 ppm 6 Hour(s) 78 Week(s)-Intermittent; *Tumorigenic*:**Carcinogenic by RTECS criteria**; *Sense Organs and Special Senses:Olfaction*:**Tumors** |
| Methanol (N/A) | 67-56-1 | **Acute Toxicity:** Ingestion/Oral-Rat LD50 • 5600 mg/kg; Inhalation-Rat LC50 • 64000 ppm 4 Hour(s); Skin-Rabbit LD50 • 15800 mg/kg;<br>**Irritation:** Eye-Rabbit • 100 mg 24 Hour(s) • Moderate irritation; Skin-Rabbit • 20 mg 24 Hour(s) • Moderate irritation;<br>**Mutagen:** Cytogenetic analysis • Ingestion/Oral-Mouse • 1 g/kg; DNA damage • Ingestion/Oral-Rat • 10 µmol/kg;<br>**Reproductive:** Inhalation-Mouse TCLo • 1500 ppm 6 Hour(s)(7-9D preg); *Reproductive Effects:Specific Developmental Abnormalities*:**Central nervous system**;<br>**Tumorigen / Carcinogen:** Inhalation-Rat TCLo • 1000 ppm 2 Year(s)-Intermittent; *Tumorigenic*:**Equivocal tumorigenic agent by RTECS criteria**; *Lungs, Thorax, or Respiration*:**Tumors**; *Tumorigenic*:**Increased incidence of tumors in susceptible strains** |
| *Proprietary* (N/A) | *Proprietary* | **Acute Toxicity:** Ingestion/Oral-Rat LD50 • 3530 mg/kg; Inhalation-Rat LC50 • >30000 mg/m³ 1 Hour(s);<br>**Multi-dose Toxicity:** Ingestion/Oral-Rat TDLo • 1890 mg/kg 90 Day(s)-Intermittent; *Endocrine*:**Evidence of thyroid hypofunction**; *Nutritional and Gross Metabolic:Gross Metabolite Changes*:**Weight loss or decreased weight gain** |
| *Proprietary* (N/A) | *Proprietary* | **Acute Toxicity:** Ingestion/Oral-Rat LD50 • 3310 mg/kg; Skin-Rabbit LD50 • 1060 mg/kg;<br>**Irritation:** Eye-Rabbit • 5 mg 30 Second(s)-Rinse • Mild irritation; Skin-Rabbit • 525 mg-Open • Severe irritation;<br>**Reproductive:** Ingestion/Oral-Rat TDLo • 700 mg/kg (18D post); *Reproductive Effects:Effects on Newborn*:**Behavioral** |
| *Proprietary* (N/A) | *Proprietary* | **Acute Toxicity:** Ingestion/Oral-Rat LD50 • 34500 µL/kg;<br>**Irritation:** Eye-Rabbit • 150 mg • Mild irritation;<br>**Multi-dose Toxicity:** Ingestion/Oral-Rat TDLo • 5000 mg/kg 10 Day(s)-Intermittent; *Liver*:**Changes in liver weight**;<br>**Tumorigen / Carcinogen:** Ingestion/Oral-Rat TDLo • 2163 g/kg 2 Year(s)-Continuous; *Tumorigenic*:**Equivocal tumorigenic agent by RTECS criteria**; *Endocrine*:**Adrenal cortex tumors** |

| GHS Properties | Classification |
|---|---|
| **Acute toxicity** | **OSHA HCS 2012** • Acute Toxicity - Dermal 3 - ATEmix (dermal) = 847 mg/kg; Acute Toxicity - Inhalation 3 - ATEmix (Inhl) = 962 ppm; Acute Toxicity - Oral 4 - ATEmix (oral) = 385 mg/kg |
| **Aspiration Hazard** | **OSHA HCS 2012** • No data available |
| **Carcinogenicity** | **OSHA HCS 2012** • Carcinogenicity 1A |
| **Germ Cell Mutagenicity** | **OSHA HCS 2012** • Germ Cell Mutagenicity 1B |
| **Skin corrosion/Irritation** | **OSHA HCS 2012** • Skin Corrosion 1C |
| **Skin sensitization** | **OSHA HCS 2012** • Skin Sensitizer 1A |
| **STOT-RE** | **OSHA HCS 2012** • Specific Target Organ Toxicity Repeated Exposure 1 |
| **STOT-SE** | **OSHA HCS 2012** • Specific Target Organ Toxicity Single Exposure 2 |
| **Toxicity for Reproduction** | **OSHA HCS 2012** • Toxic to Reproduction 2 |
| **Respiratory sensitization** | **OSHA HCS 2012** • No data available |
| **Serious eye damage/Irritation** | **OSHA HCS 2012** • Serious Eye Damage 1 |

## Potential Health Effects

### Inhalation

**Acute (Immediate)**
- Toxic if inhaled. May cause corrosive burns - irreversible damage.

**Chronic (Delayed)**
- Repeated or prolonged exposure to corrosive fumes may cause bronchial irritation with chronic cough.

### Skin

**Acute (Immediate)**
- Toxic in contact with skin. Causes severe skin burns and eye damage. May cause skin sensitization. Symptoms include redness, and skin rash.

**Chronic (Delayed)**
- Repeated or prolonged exposure to corrosive materials will cause dermatitis.

### Eye

**Acute (Immediate)**
- Causes serious eye damage.

**Chronic (Delayed)**
- Repeated or prolonged exposure to corrosive materials or fumes may cause conjunctivitis.

### Ingestion

**Acute (Immediate)**
- Harmful if swallowed. May cause irreversible damage to mucous membranes.

**Chronic (Delayed)**
- Repeated or prolonged exposure to corrosive materials or fumes may cause gastrointestinal distrubances.

### Other

**Acute (Immediate)**
- Acute methanol toxicity in humans causes blurred vision, photophobia, and pains in the eyes. Depending on the amount of methanol consumed, the individual susceptibility and the time at which treatment began, these visual disturbances may either recede or develop within a few days into visual impairments or total blindness.

**Chronic (Delayed)**
- The neurotoxic effects of methanol on the visual system can involve transient abnormalities such as peripapillary edema, optic disc hyperemia, diminished pupillary reactions to light, and central scotomata. Permanent ocular abnormalities include optic disc pallor, attenuation of arterioles, sheathing of arterioles, diminished pupillary reactions to light, diminished visual acuity, central scotomata, and other nerve fiber bundle defects.

**Mutagenic Effects**
- Repeated and prolonged exposure may cause mutagenic effects.

**Carcinogenic Effects**
- Repeated and prolonged exposure may cause cancer.

| Carcinogenic Effects | | | | |
|---|---|---|---|---|
| | **CAS** | **OSHA** | **IARC** | **NTP** |
| Formaldehyde | 50-00-0 | Specifically Regulated Carcinogen | Group 1-Carcinogenic | Known Human Carcinogen |

**Reproductive Effects**

- Repeated and prolonged exposure may affect the reproductive system.

**Key to abbreviations**

LC = Lethal Concentration
LD = Lethal Dose
TC = Toxic Concentration
TD = Toxic Dose

## Section 12 - Ecological Information

### Toxicity

- Non-mandatory section - information about this substance not complied for this reason.

### Persistence and degradability

- Non-mandatory section - information about this substance not complied for this reason.

### Bioaccumulative potential

- Non-mandatory section - information about this substance not complied for this reason.

### Mobility in Soil

- Non-mandatory section - information about this substance not complied for this reason.

### Other adverse effects

- Non-mandatory section - information about this substance not complied for this reason.

## Section 13 - Disposal Considerations

### Waste treatment methods

**Product waste**

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

**Packaging waste**

- Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

## Section 14 - Transport Information

| | UN number | UN proper shipping name | Transport hazard class(es) | Packing group | Environmental hazards |
|---|---|---|---|---|---|
| DOT | NDA | Consumer commodity | ORM-D | NDA | NDA |
| TDG | NDA | Consumer commodity | NDA | NDA | NDA |

**Special precautions for user**

- None specified.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

- No data available

## Section 15 - Regulatory Information

## Safety, health and environmental regulations/legislation specific for the substance or mixture

**SARA Hazard Classifications** • Acute, Chronic, Fire

| Inventory | | | | |
|---|---|---|---|---|
| **Component** | **CAS** | **Canada DSL** | **Canada NDSL** | **TSCA** |
| *Proprietary* | *Proprietary* | Yes | No | Yes |
| *Proprietary* | *Proprietary* | Yes | No | Yes |
| Formaldehyde | 50-00-0 | Yes | No | Yes |
| Methanol | 67-56-1 | Yes | No | Yes |

## Canada

### Labor

**Canada - WHMIS - Classifications of Substances**

| | | |
|---|---|---|
| • *Proprietary* | *Proprietary* | B3, E (including 10-80% [Available data does not allow a precise evaluation of the threshold concentration from which solutions meet the B3 criterion], >80%); D2B (3-10%) |
| • *Proprietary* | *Proprietary* | B2 |
| • Formaldehyde | 50-00-0 | A, B1, D1A, D2A, D2B; B3, D1A, D2A, D2B, E (regulated under Formol) |
| • Methanol | 67-56-1 | B2, D1B, D2A, D2B (including 28%) |

**Canada - WHMIS - Ingredient Disclosure List**

| | | |
|---|---|---|
| • *Proprietary* | *Proprietary* | 1 % |
| • *Proprietary* | *Proprietary* | 1 % |
| • Formaldehyde | 50-00-0 | 0.1 % |
| • Methanol | 67-56-1 | 1 % |

### Environment

**Canada - CEPA - Priority Substances List**

| | | |
|---|---|---|
| • *Proprietary* | *Proprietary* | Not Listed |
| • *Proprietary* | *Proprietary* | Not Listed |
| • Formaldehyde | 50-00-0 | Priority Substance List 2 (substance considered toxic) |
| • Methanol | 67-56-1 | Not Listed |

## United States

### Labor

**U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals**

| | | |
|---|---|---|
| • *Proprietary* | *Proprietary* | Not Listed |
| • *Proprietary* | *Proprietary* | Not Listed |
| • Formaldehyde | 50-00-0 | 1000 lb TQ |
| • Methanol | 67-56-1 | Not Listed |

**U.S. - OSHA - Specifically Regulated Chemicals**

| | | |
|---|---|---|
| • *Proprietary* | *Proprietary* | Not Listed |
| • *Proprietary* | *Proprietary* | Not Listed |
| | | 2 ppm STEL (See 29 CFR |

| | | |
|---|---|---|
| • Formaldehyde | 50-00-0 | 1910.1048, 15 min); 0.5 ppm Action Level (See 29 CFR 1910.1048); 0.75 ppm TWA (See 29 CFR 1910.1048) |
| • Methanol | 67-56-1 | Not Listed |

## Environment

**U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

| | | |
|---|---|---|
| • *Proprietary* | *Proprietary* | Not Listed |
| • *Proprietary* | *Proprietary* | Not Listed |
| • Formaldehyde | 50-00-0 | |
| • Methanol | 67-56-1 | |

**U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities**

| | | |
|---|---|---|
| • *Proprietary* | *Proprietary* | 5000 lb final RQ; 2270 kg final RQ |
| • *Proprietary* | *Proprietary* | Not Listed |
| • Formaldehyde | 50-00-0 | 100 lb final RQ; 45.4 kg final RQ |
| • Methanol | 67-56-1 | 5000 lb final RQ; 2270 kg final RQ |

**U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities**

| | | |
|---|---|---|
| • *Proprietary* | *Proprietary* | Not Listed |
| • *Proprietary* | *Proprietary* | Not Listed |
| • Formaldehyde | 50-00-0 | Not Listed |
| • Methanol | 67-56-1 | Not Listed |

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs**

| | | |
|---|---|---|
| • *Proprietary* | *Proprietary* | Not Listed |
| • *Proprietary* | *Proprietary* | Not Listed |
| • Formaldehyde | 50-00-0 | 100 lb EPCRA RQ |
| • Methanol | 67-56-1 | Not Listed |

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs**

| | | |
|---|---|---|
| • *Proprietary* | *Proprietary* | Not Listed |
| • *Proprietary* | *Proprietary* | Not Listed |
| • Formaldehyde | 50-00-0 | 500 lb TPQ |
| • Methanol | 67-56-1 | Not Listed |

**U.S. - CERCLA/SARA - Section 313 - Emission Reporting**

| | | |
|---|---|---|
| • *Proprietary* | *Proprietary* | Not Listed |
| • *Proprietary* | *Proprietary* | Not Listed |
| • Formaldehyde | 50-00-0 | 0.1 % de minimis concentration |
| • Methanol | 67-56-1 | 1.0 % de minimis concentration |

**U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing**

| | | |
|---|---|---|
| • *Proprietary* | *Proprietary* | Not Listed |
| • *Proprietary* | *Proprietary* | Not Listed |
| • Formaldehyde | 50-00-0 | Not Listed |
| • Methanol | 67-56-1 | Not Listed |

## United States - California

**Environment**

| | | |
|---|---|---|
| **U.S. - California - Proposition 65 - Carcinogens List** | | |
| • *Proprietary* | *Proprietary* | Not Listed |
| • *Proprietary* | *Proprietary* | Not Listed |
| • Formaldehyde | 50-00-0 | carcinogen, initial date 1/1/88 (gas) |
| • Methanol | 67-56-1 | Not Listed |
| **U.S. - California - Proposition 65 - Developmental Toxicity** | | |
| • *Proprietary* | *Proprietary* | Not Listed |
| • *Proprietary* | *Proprietary* | Not Listed |
| • Formaldehyde | 50-00-0 | Not Listed |
| • Methanol | 67-56-1 | developmental toxicity, initial date 3/16/12 |
| **U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)** | | |
| • *Proprietary* | *Proprietary* | Not Listed |
| • *Proprietary* | *Proprietary* | Not Listed |
| • Formaldehyde | 50-00-0 | Not Listed |
| • Methanol | 67-56-1 | 47000 µg/day MADL (inhalation); 23000 µg/day MADL (oral) |
| **U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)** | | |
| • *Proprietary* | *Proprietary* | Not Listed |
| • *Proprietary* | *Proprietary* | Not Listed |
| • Formaldehyde | 50-00-0 | 40 µg/day NSRL (gas) |
| • Methanol | 67-56-1 | Not Listed |
| **U.S. - California - Proposition 65 - Reproductive Toxicity - Female** | | |
| • *Proprietary* | *Proprietary* | Not Listed |
| • *Proprietary* | *Proprietary* | Not Listed |
| • Formaldehyde | 50-00-0 | Not Listed |
| • Methanol | 67-56-1 | Not Listed |
| **U.S. - California - Proposition 65 - Reproductive Toxicity - Male** | | |
| • *Proprietary* | *Proprietary* | Not Listed |
| • *Proprietary* | *Proprietary* | Not Listed |
| • Formaldehyde | 50-00-0 | Not Listed |
| • Methanol | 67-56-1 | Not Listed |

## Other Information

- WARNING: This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

## Section 16 - Other Information

**Last Revision Date**
- 11/June/2015

**Preparation Date**
- 01/May/2012

**Disclaimer/Statement of Liability**
- The information on this Safety Data Sheet (SDS) has been compiled from 29 CFR 1910.1200, supplier SDS, other technical references and our testing and experience. Users are responsible for determining the suitability of this product and information for their circumstances and for knowing of and complying with all pertinent federal and

state regulations.

**Key to abbreviations**

NDA = No Data Available