

<b>SECTION 1: PRODUCT AND COMPANY IDENTIFICATION</b>		
<b>PRODUCT IDENTIFIER</b>	Service Pro Premium Oil & Spill Absorbent	
<b>CHEMICAL NAME</b>	Montmorillonite Clay, Calcined	
<b>CHEMICAL FAMILY</b>	Clay	
<b>MATERIAL USE</b>	Oil Absorbent	
<b>RESTRICTION ON USE</b>	None Known	
<b>MANUFACTURER</b>	EP Minerals, LLC., 9875 Gateway Dr., Reno, NV 89521	
<b>TELEPHONE NO.</b>	(775) 824 7600 (Monday – Friday 8:00 am PST – 5:00 pm PST)	
<b>EMERGENCY TELEPHONE NO.</b>	(775) 824 7600 (Monday – Friday 8:00 am PST – 5:00 pm PST)	
<b>MANUFACTURED FOR:</b>	AIOD PO Box 1861 Montrose, CO, USA 81402-1861 TELEPHONE NO. (970) 249-6336	
<b>SDS DATE OF PREPARATION</b>	January 28, 2014	
<b>SECTION 2: HAZARDS IDENTIFICATION</b>		
<b>OSHA GHS HAZARD CLASSIFICATION</b>	Carcinogen Category 1A Specific Target Organ Toxicity, Repeated Exposure Category 1	
<b>HAZARDS NOT OTHERWISE CLASSIFIED</b>	None	
<b>LABEL ELEMENTS</b>	<p><b>DANGER</b>                      May cause cancer by inhalation.                      Causes damage to lungs through prolonged or repeated exposure.                      Obtain special instructions before use.                      Do not handle until all safety precautions have been read and understood.                      Do not breathe dust.                      Wear eye protection.                      If exposed or concerned: Get medical advice.                      Dispose of contents in accordance with local, state and federal regulations.</p>	
<b>SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS</b>		
INGREDIENT IDENTIFICATION	APPROXIMATE CONCENTRATION (%)	C.A.S. NUMBERS
Montmorillonite Clay, Calcined (contains 10-15% Crystalline Silica - Quartz)	100%	70892-59-0 14808-60-7
<b>SECTION 4: FIRST AID MEASURES</b>		
<b>EYE</b>	Flush eyes with generous quantities of water or eye rinse solution. Consult physician if irritation persists.	
<b>SKIN</b>	Use moisture renewing lotions if dryness occurs.	
<b>INGESTION</b>	Drink generous amounts of water to reduce bulk and drying effects.	
<b>INHALATION</b>	Remove to fresh air. Blow nose to evacuate dust.	
<b>Most important symptoms/effects, acute and delayed</b>	Dust may cause abrasive irritation to eyes. Prolonged skin contact may cause dryness. Dust may cause nose, throat and upper respiratory tract irritation. Prolonged inhalation of respirable dust containing silica may cause a progressive lung disease, silicosis and lung cancer. See Section 11 for additional information.	
<b>Indication of immediate medical attention and special treatment, if necessary</b>	Immediate medical attention is not normally required. If dust irritates the eyes, seek medical attention.	



# SDS Document

## Safety Data Sheet

### GlassAction®

#### 1. Product Identification

**Product Name:** GlassAction®, Crushed Glass Abrasive

**Product Description:** Abrasive media manufactured from recycled glass

**Product Identifier:** Soda-Lime Glass, Glass Oxide

**Manufacturer:** Environmental Abrasives Warehouse LLC      **Emergency Phone:** CHEMTREC  
4301 Federal Way      800-424-9300  
Boise, ID 83715  
(208) 947-1351

#### 2. Hazard Identification

**Emergency Overview:** Non-flammable white solid or powder. Abrasive particulate may cause minor eye and skin irritation. Inhalation of high concentrations may cause transient upper respiratory irritation. Product is noncombustible and stable.

**Primary Route(s) of Entry:**      **Inhalation:** Yes, **Ingestion:** No, **Skin:** No, **Other:** No

##### Potential Health Effects

###### Acute:

**Eye:** Dusts may cause minor irritation, may scratch the cornea or cause other mechanical injury to the eye.

**Skin:** May cause minor irritation. Not absorbed through skin.

**Ingestion:** Relatively non-toxic. Ingestion is not anticipated under normal working conditions.

**Inhalation:** Product will act as a nuisance dust. Inhalation of high concentrations of dust may cause coughing and mild, transitory respiratory irritation. May cause slight to moderate irritation of mucous membranes.

###### Chronic:

**Inhalation:** Long-term dust inhalation in excess of the PEL or TLV may decrease the ability of the lungs to clear particulate matter which may cause shortness of breath and increased susceptibility to respiratory disease.

**Signs And Symptoms:** Irritation, redness, pain, tear formation, blurred vision, light sensitivity, shortness of breath, decreased chest expansion, dry cough, and fatigue.

**Medical Conditions Aggravated By Exposure:** Repeated inhalation of dusts over time may aggravate pre-existing respiratory disease. Precautions should be taken to alleviate the pre-existing medical condition.

**Target Organs:** Lungs

**Carcinogenicity:**      **NTP:** No, **IARC:** No, **OSHA:** No

Glass abrasive is not classified as a hazardous material by the criteria of the OSHA Hazard Communication

Standard, Title 29, Code of Federal Regulations, Section 1910.1200, Hazard Communication. Nuisance Dust concern

**Contains no free (or crystalline) silica; all components are amorphous/non-crystalline**

#### 3. Composition/Information on Ingredients

Common Name	Crushed Glass	Typically	
Synonyms	Recycled Glass, Soda-Lime Dioxide Glass	<b>Silicon Dioxide (fused) SiO<sub>2</sub></b>	72%
CAS Number	65997-17-3	<b>Sodium Oxide - Na<sub>2</sub>O</b>	15%
Color/Appearance	Brownish	<b>Soda Ash-CaO</b>	10%
Odor	Odorless	<b>Other</b>	Trace

#### 4. First Aid Information

- **Ingestion:** Do not induce vomiting.
- **Inhalation:** Remove to fresh air. If symptoms persist, obtain medical attention.
- **Skin Contact:** Soak in warm water.
- **Eye Contact:** Flush with water.

#### 5. Fire Fighting Measures

- **Flash Point:** N/A



# SDS Document

## Safety Data Sheet

- **Flammable Properties:** Material will not burn. Use media that is appropriate for fighting surrounding fire.
- **Clothing:** Wear appropriate protective clothing.
- **Respirators:** Wear a NIOSH-approved (or equivalent) respirator.



# SDS Document

## Safety Data Sheet

### 6. Accidental Release Measures

Vacuum or sweep up material and place in a disposal container. Do not allow material to enter sewer or waterways. This material is not defined as hazardous under 40 CFR 261. Disposal in a landfill in accordance with all applicable federal, state, and local laws or regulations is recommended.

### 7. Handling and Storage

- **Handling**  
Minimize dust generation and accumulation. Use with adequate ventilation, and avoid breathing dusts.
- **Storage**  
Store in a dry place.

### 8. Exposure Controls and Personal Protection

- **VENTILATION AND ENGINEERING CONTROLS:** Use with adequate ventilation. Local exhaust ventilation is preferred, and should be designed by a professional industrial hygienist.
- **RESPIRATORY PROTECTION:** In enclosed spaces maintain oxygen levels above 19.5%. Use supplied air respiratory protection if oxygen levels are below 19.5%. If respiratory protection is required, follow the requirements of the Federal OSHA Respiratory Protection Standard (29 CFR 1910.134) or equivalent State standards.
- **EYE PROTECTION:** Splash goggles or safety glasses are recommended.
- **HAND PROTECTION:** Wear any polymer gloves resistant to tears if prolonged exposure to powder is expected.
- **BODY PROTECTION:** Use body protection appropriate for task.

### 9. Physical and Chemical Properties

<b>CAS Number</b>	65997-17-3	<b>Physical State</b>	Grain or Powder
<b>Color/Appearance</b>	Brownish	<b>Specific Gravity</b>	2.45 – 2.55 g/cm <sup>3</sup>
<b>pH</b>	NA	<b>Max Use Temperature</b>	<680 °C
<b>Solubility</b>	Negligible	<b>Melting Point</b>	680 °C
<b>Percent Volatile</b>	0 %	<b>Molecular Formula</b>	Soda-Lime Glass

### 10. Stability and Reactivity

Material is stable. No known conditions causing instability. There are no known incompatible materials.

### 11. Toxicological Information

Poses little or no immediate hazard. This material is stable.

### 12. Ecological Information

Poses little or no immediate hazard. This material is stable.

### 13. Disposal Considerations

This material, if discarded, is not defined as hazardous under 40 CFR 261. Disposal in a landfill in accordance with applicable federal, state, and local laws or regulations is recommended.

### 14. Transportation Information

No DOT labels are required for this material, and no DOT Hazard I.D. Number has been assigned, and no DOT shipping restrictions apply.

### 15. Regulatory Information

Judgments as to the suitability of the information herein are for purchaser's purposes and are necessarily purchaser's responsibility. Although reasonable care has been taken in the preparation of such information, ENVIRONMENTAL ABRASIVES makes no representations, and assumes no responsibility as to the accuracy or suitability of such information for application to purchasers intended purposes or for consequences of its use.

### 16. Other Information

Reviewed As of 01/04/2021

<b>MATERIAL NAME</b>	Service Pro Premium Oil & Spill Absorbent	Page 2 of 4
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## SECTION 5: FIRE FIGHTING MEASURES

<b>EXTINGUISHING MEDIA</b>	Not applicable, the material is not combustible.
<b>SPECIFIC HAZARDS ARISING FROM THE CHEMICAL</b>	Not applicable, the material is not combustible.
<b>SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS</b>	Not applicable, the material is not combustible.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>PERSONAL PRECAUTIONS</b>	If dust is present, use respirator fitted with particulate filter as specified in Section 8. Protect eyes with goggles. Do not breathe dust.
<b>ENVIRONMENTAL PRECAUTIONS</b>	This material is not a significant environmental concern.
<b>METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP</b>	Vacuum clean spillage or wet sweep. Avoid creating airborne dust. Place in a container for use or disposal.

## SECTION 7: HANDLING AND STORAGE

<b>PRECAUTIONS FOR SAFE HANDLING</b>	Minimize dust generation. Avoid contact with eyes. Do not breathe dust. Repair or dispose of broken bags. Observe all label precautions and warnings. Flammable or hazardous substances may retain such characteristics after absorption. Care should be taken to store and dispose of waste material in accordance with instructions of manufacturer of substance absorbed and applicable laws. Do not use with hydrofluoric acid or concentrated caustic solutions.
<b>CONDITIONS FOR SAFE STORAGE</b>	Store in a dry place to maintain packaging integrity and product quality. Store product separately from feed, food, pesticides and fertilizers so that cross contaminations does not occur. Do not store near hydrofluoric acid or concentrated caustic solutions.

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>EXPOSURE GUIDELINES:</b>				
Component	OSHA PEL	ACGIH TLV	MSHA PEL	NIOSH REL
Montmorillonite Clay, Calcined (as Particulates not otherwise classified)	5 mg/m <sup>3</sup> respirable dust 15 mg/m <sup>3</sup> total dust	None Established	5 mg/m <sup>3</sup> respirable dust 15 mg/m <sup>3</sup> total dust	None Established
Crystalline Silica (Quartz)	30 mg/m <sup>3</sup> % SiO <sub>2</sub> +2 total dust	0.025 mg/ m <sup>3</sup> Respirable dust	30 mg/m <sup>3</sup> % SiO <sub>2</sub> +2 total dust	0.05 mg/ m <sup>3</sup> Respirable dust
	10 mg/m <sup>3</sup> % SiO <sub>2</sub> +2 Respirable dust		10 mg/m <sup>3</sup> % SiO <sub>2</sub> +2 Respirable dust	
<b>ENGINEERING CONTROLS</b>	Use general or local exhaust ventilation to control dust within recommended exposure limits. Refer to ACGIH publication "Industrial Ventilation" or similar publications for design of ventilation systems.			
<b>PERSONAL PROTECTIVE EQUIPMENT:</b>				
<b>EYE / FACE PROTECTION</b>	Goggles to protect from dust			
<b>SKIN PROTECTION</b>	No special equipment is needed.			
<b>RESPIRATORY PROTECTION</b>	Respirators fitted with filters certified to standard 42CFR84 under series N95 should be worn when dust is present. If the dust concentration is less than ten (10) times the Permissible Exposure Limit (PEL) use a quarter or half-mask respirator with a N95 dust filter or a single use dust mask rated N95. If dust concentration is greater than ten (10) times and less than fifty (50) times the PEL, a full-face piece respirator fitted with replaceable N95 filters is recommended. If dust concentration is greater than fifty (50) and less than two hundred (200) times the PEL use a power air-purifying (positive pressure) respirator with a replaceable N95 filter. If dust concentration is greater than two hundred (200) times the PEL use a type C, supplied air respirator (continuous flow, positive pressure), with full face piece, hood or helmet.			
<b>GENERAL HYGIENE</b>	Avoid breathing dust. Avoid contact with eyes. Wash hands after handling and before eating or drinking.			

<b>MATERIAL NAME</b>	Service Pro Premium Oil & Spill Absorbent	Page 3 of 4
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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>APPEARANCE, COLOR</b>	Tan to gray	<b>ODOR</b>	Odorless
<b>PHYSICAL STATE</b>	Solid	<b>ODOR THRESHOLD</b>	Not applicable
<b>VAPOR PRESSURE</b>	Not applicable	<b>VAPOR DENSITY</b>	Not applicable
<b>BOILING POINT</b>	Not applicable	<b>MELTING POINT</b>	Unknown
<b>FLASH POINT</b>	Not applicable	<b>pH (10% SUSPENSION)</b>	Unknown
<b>FLAMMABILITY LIMITS</b>	Not applicable	<b>EVAPORATION RATE</b>	Not applicable
<b>DECOMPOSITION TEMPERATURE</b>	Unknown	<b>SPEC. GRAVITY / RELATIVE DENSITY</b>	2.2
<b>AUTOIGNITION TEMPERATURE</b>	Not applicable	<b>PARTITION COEFFICIENT – n-OCTANOL/WATER</b>	Not applicable
<b>FLAMMABILITY (solid/gas)</b>	Not applicable	<b>SOLUBILITY – WATER</b>	< 1.0%
		<b>VISCOSITY</b>	Not applicable

## SECTION 10: STABILITY AND REACTIVITY

<b>REACTIVITY</b>	Material is not reactive.
<b>CHEMICAL STABILITY</b>	Material is stable.
<b>POSSIBILITY OF HAZARDOUS REACTIONS</b>	Material is not reactive under normal conditions of handling unless mixed with incompatible substances below.
<b>CONDITIONS TO AVOID</b>	Not applicable
<b>INCOMPATIBLE MATERIALS</b>	Unsaturated organic compounds, such as turpentine and vegetable oil, hydrofluoric acid and concentrated caustic solutions may react violently with the product.
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b>	Not applicable

## SECTION 11: TOXICOLOGICAL INFORMATION

<b>POTENTIAL HEALTH EFFECTS</b>	
<b>Likely Routes of Exposure</b>	See below
<b>EYE</b>	May cause irritation (tear formation and redness) if dust gets in eyes.
<b>SKIN</b>	Not absorbed by the skin, but may cause dryness if prolonged exposure.
<b>INGESTION</b>	Ingestion of small quantities is not considered harmful, but may cause irritation of the mouth, throat and stomach.
<b>INHALATION</b>	Acute inhalation can cause dryness of the nasal passage and lung congestion, coughing and general throat irritation. Acute inhalation of high concentrations of respirable crystalline silica may cause acute silicosis.
<b>CHRONIC EFFECTS</b>	This product contains naturally occurring crystalline silica. Respirable crystalline silica may cause lung cancer and lung disease (silicosis) if inhaled for prolonged periods. Symptoms of silicosis include wheezing, cough and shortness of breath.
<b>CARCINOGENICITY</b>	This natural product is composed predominantly of clay, but contains some crystalline silica. Respirable crystalline silica (quartz) is classified by IARC and NTP as a known human carcinogen. Crystalline silica is only known to cause cancer when inhaled in a respirable form. It is not known to cause cancer by any other route of exposure.
<b>NTP</b>	Respirable crystalline silica (quartz) is classified as a known human carcinogen.
<b>IARC</b>	Respirable crystalline silica (quartz) is classified as a known human carcinogen.
<b>NUMERICAL MEASURES OF TOXICITY</b>	No data available

<b>MATERIAL NAME</b>	Service Pro Premium Oil & Spill Absorbent		Page 4 of 4					
<b>CORROSIVENESS, SENSITIZATION, IRRITANCY</b>	Not applicable							
<b>REPRODUCTIVE TOXICITY</b>	Not available							
<b>TERATOGENICITY, MUTAGENICITY</b>	Not available							
<b>SECTION 12: ECOLOGICAL INFORMATION</b>								
<b>ECOTOXICITY:</b>	No toxicity is expected							
<b>PERSISTENCE AND DEGRADABILITY</b>	Non-biodegradable, inert.							
<b>BIOACCUMULATIVE POTENTIAL</b>	Little potential for bioaccumulation							
<b>MOBILITY IN SOIL</b>	No mobility							
<b>OTHER ADVERSE EFFECTS</b>	None known							
<b>SECTION 13: DISPOSAL CONSIDERATIONS</b>								
<b>WASTE DISPOSAL</b>	If this material as supplied becomes a waste, use solid waste disposal common to landfill type operations or in slurry to sumps. Not considered a hazardous waste under RCRA (40CFR Part 261).							
<b>PACKAGING DISPOSAL</b>	Dispose of in accordance with applicable laws and regulations, typically solid waste disposal common to landfill type operations.							
<b>SECTION 14: TRANSPORT INFORMATION</b>								
<b>BASIC SHIPPING INFORMATION</b>	DOT shipping classification 55 (no restrictions). Technical name is "Calcined Clay".							
<b>ADDITIONAL INFORMATION</b>	No special requirements or placarding necessary.							
<b>SECTION 15: REGULATORY INFORMATION</b>								
<b>U.S. FEDERAL:</b>								
<b>TSCA</b>	Montmorillonite and Quartz appear on the EPA TSCA inventory list.							
<b>CERCLA</b>	Montmorillonite is not classified as a hazardous substance under regulations of the Comprehensive Environmental Response Compensation and Liability Act (CERCLA), 40 CFR 302.							
<b>SARA TITLE III</b>	Not listed.							
<b>California Proposition 65:</b>	This product contains crystalline silica, a chemical known to the State of California to cause cancer.							
<b>INTERNATIONAL:</b>								
<b>WHMIS Classification</b>	Class D-2-A							
<b>WHMIS Ingredient Disclosure List</b>	Silica, crystalline, quartz							
<b>SECTION 16: OTHER INFORMATION</b>								
	 <p>4-Extreme 3-High 2-Moderate 1-Slight 0-Insignificant</p>		<table border="1"> <tr> <td rowspan="4" style="writing-mode: vertical-rl; transform: rotate(180deg);">HMIS</td> <td>0* Health</td> </tr> <tr> <td>0 Flammability</td> </tr> <tr> <td>0 Reactivity</td> </tr> <tr> <td>E Protective Equipment</td> </tr> </table>	HMIS	0* Health	0 Flammability	0 Reactivity	E Protective Equipment
HMIS	0* Health							
	0 Flammability							
	0 Reactivity							
	E Protective Equipment							
<b>ORIGINAL ISSUE DATE</b>	January 14, 2014							
<b>REVISION DATE</b>	May 21, 2015							
<b>REVISION NO.</b>	2							

**Disclaimer:** As of the date of the preparation of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable federal and state laws. No warranty, representation or guaranty of any kind, express or implied, is hereby provided or intended with respect to the completeness of the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by the purchase, resale, use or exposure to our product. Customer users of silica must comply with all applicable health and safety laws, regulations and orders, including OSHA Hazardous Communication Standard.

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## SECTION 4: FIRST AID MEASURES

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**SKIN CONTACT:** Wash affected area with soap and water. Seek medical attention if symptoms develop.

**EYE CONTACT:** Rinse cautiously for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Seek medical attention if irritation persists.

**INHALATION:** Remove to fresh air. Get medical treatment if symptoms persist.

**INGESTION:** Immediately call a POISON CENTER or physician. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.

**SIGNS AND SYMPTOMS OF EXPOSURE:** Irritation of skin, eyes, respiratory tract. Repeated exposure may cause dermatitis or other allergic reactions.

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## SECTION 5: FIRE FIGHTING MEASURES

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**EXTINGUISHING MEDIA:** Use dry chemical, CO<sub>2</sub>, water spray (fog) or alcohol foam.

**FIRE FIGHTING METHODS AND PROTECTION:** Firefighters should wear self-contained breathing apparatus and wear full protective equipment.

**FIRE AND/OR EXPLOSION HAZARDS:** During a fire, smoke generated can be irritating or toxic.

**HAZARDOUS COMBUSTION PRODUCTS:** Products of combustion include but are not limited to carbon monoxide and carbon dioxide.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**PERSONAL PRECAUTIONS:** Avoid breathing vapors. Use gloves and eye protection to clean up spills.

**EMERGENCY PROCEDURES:** Ventilate area of spill. Eliminate all sources of ignition. Remove non-essential personnel.

**ENVIRONMENTAL PRECAUTIONS:** No special hazards. Follow applicable federal, state, provincial and local regulations regarding releases.

**METHODS FOR CONTAINMENT AND CLEAN-UP:** Absorb with liquid binding material and place in a sealed container. Dispose of waste in accordance with federal, state, provincial and local regulations.

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## SECTION 7: HANDLING AND STORAGE

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**PRECAUTIONS FOR SAFE HANDLING:** Do not eat, drink or smoke when using this product. Avoid breathing vapors. Avoid direct skin or eye contact with liquids. Do not ingest. Wash hands with soap and water after use or handling of product.

**CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:** Store at room temperature in a dry well ventilated area. Keep specimen container tightly closed when not in use.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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### Exposure Limits:

Chemical Name	ACGIH (TLV)	OSHA (PEL)	NIOSH (REL)
Formaldehyde	C 0.3 ppm / C 0.37 mg/m <sup>3</sup>	TWA: 0.75 ppm / STEL: 2ppm	TWA: 0.016 ppm / STEL: 0.1 ppm
Methanol	TWA: 200 ppm / STEL: 250 ppm	TWA: 200 ppm / STEL: 260 ppm	TWA: 200 ppm / STEL: 250 ppm
Ethylene Glycol Monophenyl Ether	Not available	Not available	Not available
	<b>WEEL</b>		
Propylene Glycol	TWA 10 mg/m <sup>3</sup> Aerosol	Not available	Not available

**Engineering Controls:** Facilities storing or utilizing this material should be equipped with an eyewash facility, a safety shower and fire extinguishing material. Personnel should wear safety glasses, goggles or face shield, apron and appropriate protective gloves. Use adequate ventilation to keep airborne concentrations low.

**Respiratory Protection:** None should be needed in normal handling and room temperatures. If use conditions generate fumes above the OSHA regulations, use of a NIOSH/MSHA approved respirator is required.

ACGIH: American Conference of Industrial Hygienists, OSHA: U.S. Occupational Safety and Health Administration, NIOSH: U.S. National Institute for Occupational Safety and Health, PEL: Permissible Exposure Limit, TWA: Time Weighted Average, STEL: Short Term Exposure Limit, REL: Recommended Exposure Limit, WEEL: Workplace Environmental Exposure Limit



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## SECTION 9: PHYSICAL & CHEMICAL PROPERTIES

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**Appearance:** Specimen with/without clear colorless liquid  
**Odor:** Mild pungent odor  
**Odor Threshold:** Data not available  
**pH:** Data not available  
**Melting/Freezing Point:** Data not available  
**Boiling Point:** Data not available  
**Flash Point:** Data not available  
**Evaporation Rate (Water = 1) :** >1  
**Flammability (solid/gas):** Data not available  
**Explosion Limits: Lower/Upper:** Data not available

**Vapor Pressure (mmHg):** Data not available  
**Vapor Density:** Data not available  
**Relative Density (Specific Gravity):** >1  
**Solubility(ies):** Complete in water  
**Partition Coefficient:** Data not available  
**Auto-ignition Temperature:** Data not available  
**Decomposition Temperature:** Data not available  
**Viscosity:** Data not available  
**Molecular Formula:** Mixture  
**Molecular Weight:** Mixture

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## SECTION 10: STABILITY & REACTIVITY

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**Reactivity:** None under normal conditions.      **Chemical Stability:** Stable  
**Conditions to Avoid:** Excessive temperatures which cause evaporation.  
**Incompatible Materials:** Strong acids, phenol, strong oxidizers, strong bases, hydrochloric acid, ammonia, iodine, alkalies, tannin, iron products, gelatin, bisulfate      **Hazardous Polymerization:** None under normal conditions.  
**Hazardous Decomposition Products:** May include, but are not limited to carbon monoxide, carbon dioxide, gaseous formaldehyde, aldehydes, ketones, alcohols, ethers and organic acids

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## SECTION 11: TOXICOLOGICAL INFORMATION

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**Acute Toxicity:** Formalin Fixed Specimens in Preserved Holding Solution have not been tested as a mixture. Information about individual components is supplied.  
Formaldehyde – Oral-rat LD50: 100 mg/kg; Inhalation-rat LC50: 250 ppm/4 hours; Dermal-rat: 270 mg/kg  
Methanol - Oral-rat LD50: 5,600 mg/kg; Inhalation-rat LC50: 6,400 ppm/4 hours, 145,000 ppm/ 1 hour; Dermal-rat: 15,800 mg/kg  
Propylene Glycol – Ingestion-rat LD50: > 20,000 mg/kg; Skin absorption-rabbit LD50: > 20,000 mg/kg  
Ethylene Glycol Monophenyl Ether- Oral-rat LD50: 1,840 mg/kg; Dermal-rabbit: >2,214 mg/kg  
**Chronic Effects:** Data not available.  
**Skin Corrosion/Irritation:**  
Causes skin irritation. May cause an allergic skin reaction.  
**Serious Eye Damage/Irritation:**  
Causes eye irritation or damage.  
**Respiratory or Skin Sensitization:**  
May cause sensitization by skin contact  
**Germ Cell Mutagenicity:** Data not available.  
**Carcinogenicity:** Data not available. Information about individual components is supplied.  
Formaldehyde – Classified as a carcinogen by the International Agency for Research on Cancer (IARC) and the National Toxicology Program (NTP) and OSHA. CA Prop 65: Formaldehyde is known to the State of California to cause cancer.  
**Reproductive Toxicity:** Data not available. Information about individual components is supplied.  
Methanol - CA Prop 65: This chemical is known to the State of California to cause birth defects or other reproductive harm.  
**Specific Target Organ Toxicity – Single exposure:** Data not available.  
**Specific Target Organ Toxicity– Repeated exposure:** Data not available.  
**Aspiration Hazard:** Data not available.

**Potential Health Effects:****Inhalation:** May cause respiratory irritation.**Ingestion:** May be harmful if swallowed.**Skin:** May cause skin irritation. May cause an allergic skin reaction.**Eyes:** May cause eye irritation or damage.**Signs and Symptoms of Exposure:**

The chemical, physical and toxicological properties have not been thoroughly investigated for this product/mixture. Specific data is not available. Exercise appropriate procedures to minimize hazards.

**SECTION 12: ECOLOGICAL INFORMATION****Toxicity to fish:** No data available.**Toxicity to daphnia and other aquatic invertebrates:** No data available.**Toxicity to algae:** No data available.**Persistence and degradability:** No data available.**Bioaccumulative potential:** No data available.**Mobility in soil:** No data available.**PBT and vPvB assessment:** No data available.**Other adverse effects:** An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.**SECTION 13: DISPOSAL CONSIDERATIONS**

Dispose of contents/container in accordance with local/regional/national regulations.

**SECTION 14: TRANSPORTATION INFORMATION (US DOT /CANADA TDG)****UN/NA Number:** Not applicable**Shipping Name:** Not regulated**Hazard Class:** Not applicable**Packing Group:** Not applicable**Reportable Quantity:** No**Marine Pollutant:** No**Exceptions:** Not applicable**2012 ERG Guide#:** Not applicable**SECTION 15: REGULATORY INFORMATION**

Toxic Substances Control Act (TSCA): All components of this product are included on the TSCA inventory.

Component	TSCA	CERLCA (RQ)	RCRA CODE	DSL	NDSL	WHMIS CLASSIFICATION
Formaldehyde	Listed	100 lbs (45.4 kg)	U122	Listed	Not Listed	D1A; D2A; D2B
Methanol	Listed	5,000 lbs (2,270 kg)	U154	Listed	Not Listed	B2; D1B; D2A; D2B
Propylene Glycol	Listed	None	None	Listed	Not Listed	None
Ethylene Glycol Monophenyl Ether	Listed	None	None	Listed	Not Listed	B3

California Proposition 65 Information:

**⚠WARNING:** This product can expose you to chemicals including formaldehyde, which is known to the State of California to cause cancer, and methanol, which is known to the State of California to cause birth defects or other reproductive harm.

For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).**SECTION 16: OTHER INFORMATION****Date Prepared:** July 23, 2018**Supersedes:** April 24, 2018

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