

HMIS Ratings	
Health	2
Flammability	0
Reactivity	0
PPE	C

## Safety Data Sheet

### 1. PRODUCT AND COMPANY IDENTIFICATION

<b>Product Name</b>	<b>JPA3520</b>
<b>UN#</b>	NA
<b>Recommended Use</b>	<b>Oxygen Scavenger / Corrosion Inhibitor</b>
<b>Manufactured by:</b>	Genesis Custom Chemical Blending LLC 2708 NE Main Street Ennis, TX 75119 Telephone: (469) 309-2790
<b>Emergency Telephone Number</b>	(800) 424 9300 Chemtrec (817) 437 6438 Product or company information

### 2. HAZARDS IDENTIFICATION

**GHS Signal Word**                      **Warning**

**Pictogram**



**Hazard Statement**                      Harmful if swallowed. Causes skin irritation. Causes eye irritation.

**GHS Classification**                      Toxicity, Oral (Category 4)  
Skin irritation (Category 2)  
Serious Eye Damage/ Eye Irritation (Category 2A)  
Aspiration Hazard, Inhalation (Category 2)

**Other Hazards**                              **CORROSIVE! Highly alkaline. May be harmful if swallowed. May cause severe eye irritation and irreversible corneal damage.**

**GHS Label elements, including precautionary statements**

**Hazard statement(s)**                      H302: Harmful if swallowed.  
H315: Causes skin irritation.  
H319: Causes serious eye irritation.  
H332: Harmful if inhaled.

**Precautionary statement(s)**                      P262: Do not get in eyes, on skin, or on clothing.  
P264: Wash skin thoroughly after handling.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.  
P302+P352-IF ON SKIN: Wash with plenty of soap and water.  
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/ attention.  
 P501: Dispose of contents/container in accordance with local/regional/national/international regulations.

**HMIS Classification**

Health hazard: 2  
 Flammability: 0  
 Physical hazards: 0

**NFPA Rating**

Health hazard: 2  
 Fire: 0  
 Reactivity Hazard: 0

**Potential Health Effects**

Inhalation: This product does not pose a significant inhalation hazard, but prolonged inhalation may be harmful and can cause headaches, dizziness and nausea. Seek medical attention.  
Ingestion: This material may be harmful if swallowed. Seek medical attention.  
Skin Contact: May cause skin irritation. Allergic reactions are possible. Passage of this material into the body through the skin is possible, which will add to the toxic effects from ingestion and inhalation.  
Eye Contact: Liquid, aerosols and vapors of this product may be irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.  
Chronic Exposure: No information found.  
Aggravation of Pre-existing Conditions: No information found.  
Carcinogenic Effects: Not available.  
Mutagenic Effects: Not available.  
Teratogenic Effects: Not available.  
Developmental Toxicity: Not available.

**Target Organs**

None

**Emergency Overview**

**OSHA HAZARDS**

If swallowed: Immediately call a poison center/doctor. Do NOT induce vomiting. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. If skin irritation occurs: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Get medical advice/attention if you feel unwell. If exposed or concerned: Call a poison center/doctor.

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

**Formula** Mixture

Chemical name	CAS No.	Weight-%
Isopropyl Alcohol	67-63-0	5-10%
Water		30-40%
Mixed Surfactants	Mixture	10-20%
Ammonium hydrogen sulfite	10192-30-0	15-20%
2-Propenoic acid,2-Methy-, homopolymer, sodium salt	54193-36-1	3-5%

**4. FIRST AID MEASURES**

**General Advice**

If exposed or concerned: get medical attention/advice. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use.

**Eye Contact**

Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention.

**Skin Contact**

Remove contaminated clothing and shoes. Wash off immediately with soap and plenty of water. Get medical attention if irritation develops or persists. Wash clothing separately before reuse. Destroy or thoroughly clean contaminated shoes. If high pressure injection under the skin occurs, always seek medical attention.

<b>Inhalation</b>	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.
<b>Ingestion</b>	Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center. Do not give mouth-to-mouth resuscitation. If vomiting occurs, keep head low so that stomach content does not get into the lungs. Never give anything by mouth to a victim who is unconscious or is having convulsions. Get medical attention immediately.

## 5. FIRE-FIGHTING MEASURES

### **Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

### **Special protective equipment for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

### **Hazardous combustion products**

Hazardous decomposition products formed under fire conditions. - Carbon oxides

### **Further information**

Use water spray to cool unopened containers.

### **Fire-fighting equipment/instructions**

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Withdraw immediately in case of rising sound from venting safety devices or any discoloration of tanks due to fire. Fight fire from maximum distance or use unmanned hose holders or monitor nozzles. Move containers from fire area if you can do it without risk. In the event of fire, cool tanks with water spray. Cool containers exposed to flames with water until well after the fire is out. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn. Vapors may form explosive air mixtures even at room temperature. Prevent buildup of vapors or gases to explosive concentrations. Some of these materials, if spilled, may evaporate leaving a flammable residue. Water runoff can cause environmental damage. Use compatible foam to minimize vapor generation as needed.

### **Specific hazards arising from the chemical**

None

## 6. ACCIDENTAL RELEASE MEASURES

### **Small Spill:**

Avoid breathing mist. Ensure adequate ventilation. Use appropriate tools to put the spilled material in a convenient waste disposal container. Dispose of per local and regional authority requirements.

### **Large Spill:**

Contain spilled material. Cover with an inert, non-combustible, inorganic absorbent material, or sweep up, and remove to an approved disposal container. Do not let the product enter drains. Use a shovel to put the material into a convenient waste disposal container.

## 7. HANDLING AND STORAGE

### **Handling**

Do not breathe mist. Wear suitable protective clothing. In case of insufficient ventilation, wear suitable respiratory equipment. Do not drink, eat or smoke while handling. Respect good personal hygiene.  
 Avoid contact with skin and eyes. Avoid formation of mist and aerosols. Wash hands thoroughly after handling. Provide appropriate exhaust ventilation. If you feel unwell, seek medical attention. Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Keep away from ignition sources and naked flame.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### **Airborne Exposure Limits:**

None established.

### **Ventilation System:**

A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

### Personal Respirators (NIOSH Approved):

For conditions of use where exposure to dust or mist is apparent and engineering controls are not feasible, a particulate respirator may be worn. For emergencies or instances where the exposure levels are not known, use a full-face positive-pressure, air-supplied respirator.

### Skin Protection:

Wear protective gloves and clean body-covering clothing.

### Eye Protection:

Use chemical safety goggles and/or full face shield where dusting or splashing of solutions is possible. Maintain eye wash fountain and quick-drench facilities in work area.

### Other Control Measures:

Maintain good housekeeping in work area. Dust deposits on floors and other surfaces may pick up moisture and cause the surfaces to become slippery and present safety hazards. Handle in accordance with good industrial hygiene and safety practice. Wash hands after handling.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance</b>	Liquid	<b>Odor</b>	Sweet
<b>Physical State</b>	Liquid	<b>Auto ignition Temperature</b>	No data available
<b>Flash Point</b>	Closed cup: >140 °F	<b>Pour Point</b>	<-40 °F (-40 °C)
<b>Boiling Point/Range</b>	No data available	<b>Flammability Limits in Air</b>	No data available
		<b>pH (100%)</b>	4-9
<b>Explosion Limits</b>	No data available	<b>Percent volatile</b>	85% estimated
<b>Specific Gravity</b>	1.048 (8.74 lbs/gallon)	<b>Solubility in Water</b>	Yes
<b>Evaporation Rate</b>	No data available	<b>Vapor Pressure</b>	No data available
<b>Vapor Density</b>	Approximately 1.4	<b>Odor Threshold</b>	No data available

## 10. STABILITY AND REACTIVITY

### Stability:

It is stable under ordinary conditions of use and storage. Avoid contact with strong acids, alkali or oxidizing agents.

### Hazardous Decomposition Products:

It emits toxic fumes and carbon monoxide when heated to decomposition. It may form carbon dioxide and formaldehyde at elevated temperatures.

### Hazardous Polymerization:

Will not occur.

### Incompatibilities:

Avoid contact with strong acids, alkali or oxidizing agents.

### Conditions to Avoid:

Incompatibles.

## 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

#### **Product Information**

The product itself has not been tested.

#### **Irritation**

Irritating to eyes, respiratory system and skin.

#### **Component Information**

<b>Chemical name</b>	<b>Oral LD50</b>	<b>Dermal LD50</b>	<b>LC50 Inhalation</b>
Isopropyl Alcohol (CAS 67-63-0)	No data available	No data available	No data available
2-Propenoic acid,2-Methy-, homopolymer, sodium salt (54193-36-1)	LD50 Oral – rat – 248 mg/kg	No data available	No data available

Ammonium hydrogen sulfite (10192-30-0)	No data available	No data available	LC50 Inhalation – rat – 1 h – 2520 mg/l (sulfur dioxide)
---	-------------------	-------------------	---

**Respiratory or skin sensitization**  
**Respiratory sensitization** Not assigned.  
**Skin sensitization** Not assigned.  
**Germ cell mutagenicity** Not assigned.

**Chronic effects** Some teratogenic effects, were observed in animal studies but are inconclusive.

**Carcinogenicity** Not Classified.

**Reproductive toxicity** Not Classified.  
**Specific target organ toxicity - single exposure** Not Classified.  
**Specific target organ toxicity - repeated exposure** Not Classified..

**Aspiration hazard** Not Classified.

## 12. ECOLOGICAL INFORMATION

**Environmental Fate:** Based on available information the product will not bio accumulate.

**Environmental Toxicity:** Do not apply directly to water or wetlands. Do not contaminate water when disposing of equipment wash waters.

**LC50 (bluegill sunfish, adult) -** Not Determined

**LC50 (bluegill sunfish, Fingerlings) -** Not Determined

**LC50 (rainbow trout) -** Not Determined

## 13.0 DISPOSAL CONSIDERATIONS

**Disposal instructions** Do not allow this material to drain into sewers/water supplies. If discarded, this product is considered a waste. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal.

## 14. TRANSPORTATION INFORMATION

### **DOT**

The product is not regulated.

## 15. REGULATORY INFORMATION

**U.S. Federal Regulations** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
All components are on the U.S. EPA TSCA Inventory List.

Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) **Not regulated.**

DEA Essential Chemical Code Number **Not regulated.**

Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c)) **Not regulated.**

DEA Exempt Chemical Mixtures Code Number **Not regulated.**

CERCLA (Superfund) reportable quantity **None**

Superfund Amendments and Reauthorization Act of 1986 (SARA)

Hazard categories Immediate Hazard - Yes  
Delayed Hazard - Yes  
Fire Hazard - Yes  
Pressure Hazard - No  
Reactivity Hazard - No  
Section 302 extremely hazardous substance No

The following components are subject to reporting levels established by SARA Title III, Section 313:

	CAS-No.	Revision Date
Isopropyl Alcohol	67-63-0	2007-07-01

**SARA 311/312 Hazards**

Fire Hazard, Acute Health Hazard, Chronic Health Hazard

16. OTHER INFORMATION

**Prepared By** Greg Swindle

**Issuing Date** 01 Dec 2016

**Revision Date** NA

**Reason for Revision**

**Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.

Unless updated, the Safety Data Sheet is valid until 12/31/2016