



# SAFETY DATA SHEET

Issuing Date No data available

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Revision Number 0

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

### GHS product identifier

Product Name BRIGHT SOFTENER/SOUR

### Other means of identification

Product Code(s) 219050

Synonyms N/A

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

Recommended Use Fabric Softener

Uses advised against No Information Available

### Supplier's details

#### Supplier Address

Birsch Industries  
476 Viking Drive  
Virginia Beach, VA. 23452  
TEL: 757-622-0355

### Emergency telephone number

Emergency Telephone Number CHEM-TEL, INC.  
24 Hour Emergency Contact 1-800-255-3924

## 2. HAZARDS IDENTIFICATION

### Classification

SKIN CORROSION/IRRITATION – Category 1C  
SERIOUS EYE DAMAGE/EYE IRRITATION – Category 1

### GHS Label elements, including precautionary statements

#### Emergency Overview

Signal Word DANGER

**Hazard Statements**

- Causes severe skin burns and eye damage
- Causes serious eye damage

**Appearance** Red**Physical State** Liquid**Odor** Fresh Scent**Symbol:****Precautionary Statements****Prevention**

Do not breathe mist, vapors or sprays.  
 Wash exposed skin thoroughly after handling.  
 Wear protective gloves/protective clothing/eye protection/face protection.

**Response**

IF SWALLOWED: Rinse mouth. Do not induce vomiting.  
 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.  
 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 Immediately call a POISON CENTER or doctor/physician.  
 Wash contaminated clothing before reuse.

**Storage**

Store locked up.

**Disposal**

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

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Synonyms**

Chemical Name	CAS-No	Weight %	Notes
Phosphoric Acid, 85%	7664-38-2	15 – 20	*
Methyl tallow diethylenetriamine condensate	68410-69-5	5 – 8	*
Diethylene glycol	111-46-6	< 2	*

\* The exact percentage (concentration) of composition has been withheld as a trade secret.

### 4. FIRST AID MEASURES

**Description of necessary first-aid measures****Eye Contact**

Rinse immediately with plenty of water for 15 minutes. Do not apply neutralizing agents. Take victim to an ophthalmologist.

**Skin Contact**

Wash immediately with lots of water/shower for 15 minutes. Do not apply (chemical) neutralizing agents. Remove clothing while washing. Do not remove clothing if it sticks to the skin. Cover wounds with a sterile bandage. Consult a doctor/medical service. If burned surface is greater than 10%: Take victim to hospital.

**Inhalation**

Remove victim to fresh air. Respiratory problems: Consult a doctor/medical service.

<b>Ingestion</b>	Rinse mouth with water. Immediately after ingestion: Give lots of water to drink. Do not induce vomiting. Do not give activated charcoal. Call a POISON CENTER. Take the container/vomit to the doctor/hospital. Immediately consult a doctor/medical service. Ingestion of large quantities: Take immediately to hospital. Do not give chemical antidote. Doctor: Gastric lavage is not recommended.
<b><u>Indication of immediate medical attention and special treatment needed, if necessary</u></b>	
<b>Most Important Symptoms</b>	Coughing. Dry/sore throat. Irritation of the respiratory tract. Irritation of the nasal mucous membranes. Respiratory difficulties. Risk of lung oedema. Caustic burns. Corrosion of the skin or eye tissue. Burns to the gastric/intestinal mucosa. Abdominal pain. Blood in vomit.
<b>Indication of Immediate Medical Attention</b>	Check the vital functions. Unconscious: Maintain adequate airway and respiration. Respiratory arrest: Artificial respiration or oxygen. Cardiac arrest: Perform resuscitation.
<b>General Information</b>	Victim conscious with labored breathing: Half-seated. Victim in shock: Lay on back with legs slightly raised. Vomiting: Prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim. Keep watching the victim.

## 5. FIRE-FIGHTING MEASURES

### **Suitable Extinguishing Media**

All extinguishing media allowed.

### **Specific Hazards Arising from the Chemical**

No data available

### **Special Protective Equipment and Precautions for Firefighters**

Exposure to fire/heat: Keep upwind. Consider evacuation. Seal off low-lying areas.

### **Fire-Fighting Equipment/Instructions**

Cool tanks/drums with water spray/remove them into safety. Dilute toxic gases with water spray. Take account of toxic fire-fighting water. Use water moderately and if possible collect or contain it. Use compressed air/oxygen apparatus.

### **Specific Methods**

Use standard firefighting procedures and consider the hazards of other involved materials.

### **General Fire Hazards**

No data available

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal Precautions</b>	Wear gloves/face shield/corrosion proof suit. Mark the danger area. Prevent dust cloud formation. No naked flames. Wash contaminated clothes. Large spills/in confined spaces: Consider evacuation. In case of hazardous reactions: Keep upwind.
<b>Environmental Precautions</b>	Prevent soil and water pollution. Prevent spreading in sewers.
<b>Methods for Cleaning Up</b>	Contain released substances, pump into suitable containers. Plug the leak, cut off the supply. Dam up the solid spill.

## 7. HANDLING AND STORAGE

### **Precautions for safe handling**

Comply with the legal requirements. Remove contaminated clothing immediately. Clean contaminated clothing. Keep substance free from contamination. Thoroughly clean/dry the installation before use. Do not discharge the waste into the drain. Keep away from naked flames/heat. Observe strict hygiene. Keep container tightly closed. Measure the concentration in the air regularly. Carry operations in the open/under local exhaust/ventilation or with respiratory protection. Wash exposed skin thoroughly after handling. Wash contaminated clothing before reuse.

### **Conditions for safe storage, including any incompatibilities**

Comply with applicable regulations. Keep only in the original container in a cool, well ventilated place, away from incompatible materials. Keep container closed when not in use.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Occupational Exposure Limits</b>	No exposure limits noted.
<b>Biological Limit Values</b>	No biological exposure limits noted.
<b>Appropriate Engineering Controls</b>	Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Provide adequate general and local exhaust ventilation.
<b><u>Individual protection measures, such as personal protective equipment</u></b>	
<b>Eye &amp; Face Protection</b>	Protective goggles. Face shield.
<b>Hand &amp; Skin Protection</b>	Corrosion-proof clothing. Gloves. (Butyl rubber, natural rubber, neoprene, nitrile rubber, polyethylene, viton, pvc)
<b>Respiratory Protection</b>	In cause of insufficient ventilation, wear suitable respiratory equipment.
<b>Hygiene Measures</b>	Do not eat, drink or smoke during use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Liquid	<b>Appearance</b>	Red
<b>Odor</b>	Fresh Scent	<b>Odor Threshold</b>	No information available

<u>Property</u>	<u>Values</u>
pH	1.0
Melting Point/Range	No data available
Boiling Point/Boiling Range	> 212°F (> 100°C)
Flash Point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	No data available
Flammability Limits in Air	
upper flammability limit	No data available
lower flammability limit	No data available
Vapor Pressure	No data available
Vapor Density	No data available
Relative Density	No data available
Specific Gravity	1.14
Water Solubility	No data available
Solubility in other solvents	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	No data available
Flammable Properties	No data available
Explosive Properties	No data available
Oxidizing Properties	No data available

## 10. STABILITY AND REACTIVITY

### Stability

The product is stable

### Possibility of hazardous reactions

No dangerous reaction known under normal conditions.

### Conditions to avoid

Avoid direct sunlight. Extremely high or low temperatures.

**Incompatible materials**

Strong acids. Strong bases.

**Hazardous decomposition products**

Phosphorus oxides. Carbon monoxide. Carbon dioxide.

**11. TOXICOLOGICAL INFORMATION****Information on Likely Routes of Exposure**

<b>Ingestion</b>	Burns to the gastric/intestinal mucosa. Nausea. Abdominal pain. Blood in vomit. Shock.
<b>Inhalation</b>	Coughing. Dry/sore throat. Irritation of the respiratory tract. Irritation of the nasal mucous membranes. Respiratory difficulties. Risk of lung oedema.
<b>Skin Contact</b>	Caustic burns. Corrosion of the skin.
<b>Eye Contact</b>	Corrosion of the eye tissue.
<b>Symptoms</b>	Symptoms may include stinging, tearing, redness, swelling and blurred vision. Permanent eye damage including blindness could result. Skin irritation. May cause redness and pain.

**Information on Toxicological Effects**

<b>Acute Toxicity</b>	No data available
<b>Skin Corrosion/Irritation</b>	Causes severe skin burns and eye damage.
<b>Serious Eye Damage/Eye Irritation</b>	Causes serious eye damage.
<b>Respiratory Sensitization</b>	No data available
<b>Skin Sensitization</b>	No data available
<b>Germ Cell Mutagenicity</b>	No data available
<b>Carcinogenicity</b>	No data available
<b>Reproductive Toxicity</b>	No data available
<b>Specific Target Organ Toxicity Single Exposure</b>	Not applicable
<b>Specific Target Organ Toxicity Repeated Exposure</b>	Not applicable
<b>Aspiration Hazard</b>	No data available.

**12. ECOLOGICAL INFORMATION**

<b>Ectotoxicity</b>	No data available
<b>Persistence and Degradability</b>	No data available
<b>Bioaccumulative Potential</b>	No data available
<b>Mobility In Soil</b>	No data available
<b>Other Adverse Effects</b>	No other adverse environmental effects are expected from this product.

**13. DISPOSAL CONSIDERATIONS**

<b>Disposal Instructions</b>	Remove waste in accordance with local and/or national regulations. Hazardous waste shall not be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measure to prevent risks of pollution or damage to people or animals.
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**14. TRANSPORT INFORMATION****DOT**

UN Number – UN1805

Proper Shipping Name – Phosphoric acid solution

Hazard Class – 8

Packing Group – III

## 15. REGULATORY INFORMATION

### U.S. Federal Regulations

Not regulated

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

Not regulated

### Clean Air Act (CAA)

Section 112 Hazardous Air Pollutants List: Not Regulated

Section 112r Accidental Release Prevention: Not Regulated

### CERCLA (40 CFR 302.4)

Not Listed

### US OSHA Specifically Regulated Substance (29 CFR 1910.1001-1050)

Not Listed

### Safe Water Drinking Act (SDWA)

Not Regulated

### U.S. State Right-To Know

Not regulated

### California Proposition 65

Not regulated

## 16. OTHER INFORMATION

NFPA

Health 3

Flammability 0

Instability 0

### Prepared By

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476 Viking Drive  
Virginia Beach, VA. 23452  
TEL: 757-622-0355

### Issuing Date

No information available

### Revision Date

1-June 2015

### Revision Note

N/A

### General 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.

**End of Safety Data Sheet**