



# SAFETY DATA SHEET

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Revision Number 0

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

### GHS product identifier

Product Name BLOOD & STAIN REMOVER

### Other means of identification

Product Code(s) 105070

Synonyms N/A

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

Recommended Use Stain Remover

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 2

EYE DAMAGE/IRRITATION – Category 2A

ACUTE TOXICITY: ORAL – Category 4

### GHS Label elements, including precautionary statements

#### Emergency Overview

Signal Word WARNING

**Hazard Statements**

- Causes skin irritation
- Causes serious eye irritation
- Harmful if swallowed

**Appearance** Clear-Yellow**Physical State** Liquid**Odor** Slight Citrus Odor**Symbol:****Precautionary Statements****Prevention**

Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves. Wear eye/face protection.

**Ingestion**

IF SWALLOWED, Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

**Skin**

IF ON SKIN, wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention. Take off contaminated clothing and wash before reuse.

**Eyes**

IF IN EYES, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists, get medical attention.

**Disposal**

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

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Synonyms**

Chemical Name	CAS-No	Weight %	Notes
2-Butoxyethanol	111-76-2	5 – 10	*
Benzenesulfonic Acid, Dodecyl-	27176-87-0	2 – 5	*
Sodium Xylene Sulfonate	1300-72-7	1 – 5	*
d-Limonene	94266-47-4	< 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**

Immediately flush eyes with plenty of water, occasionally lifting upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. If irritation persists, get medical attention.

**Skin Contact**

Flush contaminated skin with plenty of water. Continue to rinse for at least 20 minutes. Get medical attention. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**Inhalation**

Remove to fresh air. If symptoms persist, call a physician.

**Ingestion** Wash mouth out with water. Give small quantities of water to drink, if conscious. Do NOT induce vomiting unless directed to do so by medical personnel. Call a POISON CENTER or doctor/physician if you feel unwell.

**Indication of immediate medical attention and special treatment needed, if necessary**

**Notes to Physician** Causes serious eye irritation. Causes mild skin irritation. Harmful if swallowed. Irritating to mouth, throat and stomach.

## 5. FIRE-FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Specific Hazards Arising from the Chemical**

At temperatures above 60°C acid action on most metals may release hydrogen, a highly flammable and explosive gas.

**Hazardous Thermal Decomposition Products**

Will not occur.

**Specific Fire-Fighting Methods**

No information available

**Protective Equipment and Precautions for Firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions**

No action shall be taken involving any personal risk or without suitable training. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing mists or vapors. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

**Environmental Precautions**

**Environmental Precautions**

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution.

**Methods and materials for containment and cleaning up**

**Methods for Cleaning Up**

Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements, or confined areas. Contain and collect spillage with non-combustible, absorbent material and place in container for disposal according to local regulations.

## 7. HANDLING AND STORAGE

**Precautions for safe handling**

**Handling**

Use appropriate personal protective equipment. Do not ingest. Avoid contact with eyes, skin and clothing. Avoid breathing vapor or mist. Keep tightly closed when not used. Do not reuse container. Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking or smoking.

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

<b>Storage</b>	Store in original container away from direct sunlight in a dry, cool, well ventilated area. Keep container closed and sealed until ready for use.
<b>Incompatible Products</b>	Strong acids and oxidizers

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Guidelines

#### **General protective and hygienic measures**

No information available.

#### **Appropriate engineering controls**

Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

#### **Individual protection measures, such as personal protective equipment**

<b>Eye &amp; Face Protection</b>	Chemical splash goggles should be used when a risk assessment indicates that it's necessary to avoid exposure to liquid splashes, mists, gases or dusts, unless the assessment indicates a higher degree of protection.
<b>Hand &amp; Skin Protection</b>	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Personal protective equipment for the body should be selected based on the task being performed and the risks involved.
<b>Respiratory Protection</b>	Ensure adequate ventilation, especially in confined areas. Use a properly fitted, air-purifying or supplied air respirator complying with an approved standard if necessary.
<b>Hygiene Measures</b>	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking or using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

<b>Physical State</b>	Liquid	<b>Appearance</b>	Clear-Yellow
<b>Odor</b>	Slight Citrus Odor	<b>Odor Threshold</b>	No information available
<b><u>Property</u></b>	<b><u>Values</u></b>		
<b>pH</b>	1.0 – 2.0		
<b>Melting Point/Range</b>	No data available		
<b>Boiling Point/Boiling Range</b>	212°F		
<b>Flash Point</b>	No data available		
<b>Evaporation rate</b>	No data available		
<b>Flammability (solid, gas)</b>	No data available		
<b>Flammability Limits in Air</b>			
upper flammability limit	No data available		
lower flammability limit	No data available		
<b>Vapor Pressure</b>	No data available		
<b>Vapor Density</b>	No data available		
<b>Relative Density</b>	No data available		
<b>Specific Gravity</b>	1.00		
<b>Water Solubility</b>	100		
<b>Solubility in other solvents</b>	No data available		
<b>Partition coefficient: n-octanol/water</b>	No data available		
<b>Autoignition Temperature</b>	No data available		
<b>Decomposition Temperature</b>	No data available		
<b>Viscosity</b>	No data available		
<b>Flammable Properties</b>	No data available		

<b>Explosive Properties</b>	No data available
<b>Oxidizing Properties</b>	No data available

## 10. STABILITY AND REACTIVITY

### Stability

The product is stable

### Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

### Conditions to avoid

No information available

### Incompatible materials

Do not mix with other chemicals.

### Hazardous decomposition products

Alkaline vapors in a fire.

## 11. TOXICOLOGICAL INFORMATION

### Route of Exposure

Skin contact, Eye contact, Inhalation, Ingestion

<b>Eye Contact</b>	Causes eye irritation.
<b>Skin Contact</b>	Causes skin irritation
<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Ingestion</b>	Irritating to mouth, throat and stomach

### Chronic Toxicity

<b>Carcinogenicity</b>	No known significant effects or critical hazards.
<b>Mutagenicity</b>	No known significant effects or critical hazards.
<b>Teratogenicity</b>	No known significant effects or critical hazards.
<b>Developmental Effects</b>	No known significant effects or critical hazards.
<b>Fertility Effects</b>	No known significant effects or critical hazards.

## 12. ECOLOGICAL INFORMATION

### Behavior in Environmental Systems

No further relevant information available

### Additional Ecological Information

No further relevant information available

## 13. DISPOSAL CONSIDERATIONS

<b>Waste Disposal Methods</b>	Mop up or otherwise absorb and hold for disposal. Disposal should be in accordance with applicable regional, national and local laws and regulations.
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## 14. TRANSPORT INFORMATION

<b>DOT</b>	Not Regulated
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## 15. REGULATORY INFORMATION

### International Inventories

<b>TSCA</b>	Complies
<b>DSL</b>	Complies

**U.S. Federal Regulations**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

Acute Health

**SARA 313**

2-Butoxyethanol (111-76-2) RQ(lbs): None

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

**California Proposition 65**

This product does not contain any substances regulated by California Proposition 65.

**US State Right-To-Know Regulations**

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Rhode Island
Benzenesulfonic Acid, Dodecyl- (27176-87-0)	X	X	X	X

**16. OTHER INFORMATION**

**NFPA**                      **Health 2**                      **Flammability 0**                      **Instability 0**

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

**Issuing Date**                      No information available

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**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**