

**Material Safety Data Sheet**

**1. MATERIAL AND COMPANY IDENTIFICATION**

**Material Name** : **BlecheWite Tire Cleaner**  
**Uses** : **Tire cleaner**

**Manufacturer/Supplier** : **SOPUS Products**  
 700 Milam  
 Houston TX 77002-2806  
 USA

**MSDS Request** :

**Emergency Telephone Number**  
**Spill Information** : 877-242-7400  
**Health Information** : 877-504-9351

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

| <b>Chemical Identity</b> | <b>CAS No.</b> | <b>Concentration</b> |
|--------------------------|----------------|----------------------|
| Isopropyl Alcohol        | 67-63-0        | 1.00 - 5.00 %        |
| 2-butoxy ethanol         | 111-76-2       | 1.00 - 5.00 %        |
| Silicic Acid             | 1344-09-8      | < 5.00 %             |

Blend of additives and water.

**3. HAZARDS IDENTIFICATION**

| <b>Emergency Overview</b>    |  |
|------------------------------|--|
| <b>Appearance and Odour</b>  | : Blue. Liquid. Alcohol-like.                      |
| <b>Health Hazards</b>        | : Causes severe burns.                             |
| <b>Safety Hazards</b>        | : Combustible liquid.                              |
| <b>Environmental Hazards</b> | : Not classified as dangerous for the environment. |

**Health Hazards**

**Inhalation** : Severely irritating to the respiratory tract causing chemical burns which may result in permanent damage to the nose, throat and lungs.

**Skin Contact** : Causes severe burns.

**Eye Contact** : Causes severe burns.

**Ingestion** : Causes digestive tract burns.

**Signs and Symptoms** : Contact with the skin can cause chemical burns, redness, swelling, and tissue damage. Swallowing of corrosive chemicals may cause immediate pain and burning in the mouth, throat, and stomach followed by vomiting and diarrhea. Contact can cause severe eye damage including chemical burns, pain, clouding of the eye surface, inflammation of the eye, and may result in permanent loss of vision.

**Aggravated Medical Condition** : Pre-existing medical conditions of the following organ(s) or organ system(s) may be aggravated by exposure to this

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**Environmental Hazards** : material: Skin. Eyes.  
**Additional Information** : No specific hazards under normal use conditions.  
 : Under normal conditions of use or in a foreseeable emergency,  
 this product meets the definition of a hazardous chemical when  
 evaluated according to the OSHA Hazard Communication  
 Standard, 29 CFR 1910.1200.

**4. FIRST AID MEASURES**

**General Information** : DO NOT DELAY. Keep victim calm. Obtain medical treatment immediately.  
**Inhalation** : Remove to fresh air. If rapid recovery does not occur, transport to nearest medical facility for additional treatment. Inhalation of vapours requires immediate medical attention.  
**Skin Contact** : If persistent irritation occurs, obtain medical attention. Remove contaminated clothing. Immediately flush skin with large amounts of water for at least 15 minutes, and follow by washing with soap and water if available. If redness, swelling, pain and/or blisters occur, transport to the nearest medical facility for additional treatment.  
**Eye Contact** : If persistent irritation occurs, obtain medical attention. Immediately flush eyes with large amounts of water for at least 30 minutes while holding eyelids open. Transport to the nearest medical facility for additional treatment.  
**Ingestion** : If swallowed, do not induce vomiting: transport to nearest medical facility for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.  
**Advice to Physician** : Flush skin with water, and at the same time rub skin with PEG/meths swab. Consult a Poison Control Centre for guidance. IMMEDIATE TREATMENT IS EXTREMELY IMPORTANT!

**5. FIRE FIGHTING MEASURES**

Clear fire area of all non-emergency personnel.

**Flash point** : 42 °C / 108 °F  
**Specific Hazards** : Combustible.  
**Suitable Extinguishing Media** : Foam, water spray or fog. Dry chemical powder, carbon dioxide, sand or earth may be used for small fires only.

**6. ACCIDENTAL RELEASE MEASURES**

**Protective measures** : Remove all possible sources of ignition in the surrounding area. No specific measures.  
**Clean Up Methods** : Not applicable.  
**Additional Advice** : Observe all relevant local and international regulations.

**7. HANDLING AND STORAGE**

**Handling** : No specific measures.

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**Storage** : Keep in a cool place.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Occupational Exposure Limits**

| Material          | Source   | Type       | ppm     | mg/m3       | Notation                          |
|-------------------|----------|------------|---------|-------------|-----------------------------------|
| Isopropyl Alcohol | ACGIH    | TWA        | 200 ppm |             |                                   |
| Isopropyl Alcohol | ACGIH    | STEL       | 400 ppm |             |                                   |
| Isopropyl Alcohol | OSHA Z1  | PEL        | 400 ppm | 980 mg/m3   |                                   |
| Isopropyl Alcohol | OSHA Z1A | TWA        | 400 ppm | 980 mg/m3   |                                   |
| Isopropyl Alcohol | OSHA Z1A | STEL       | 500 ppm | 1,225 mg/m3 |                                   |
| Isopropyl Alcohol | ACGIH    | TWA        | 200 ppm |             |                                   |
| Isopropyl Alcohol | ACGIH    | STEL       | 400 ppm |             |                                   |
| 2-butoxy ethanol  | ACGIH    | TWA        | 20 ppm  |             |                                   |
| 2-butoxy ethanol  | OSHA Z1  | PEL        | 50 ppm  | 240 mg/m3   |                                   |
| 2-butoxy ethanol  | OSHA Z1  | SKIN_DES   |         |             | Can be absorbed through the skin. |
| 2-butoxy ethanol  | OSHA Z1A | TWA        | 25 ppm  | 120 mg/m3   |                                   |
| 2-butoxy ethanol  | OSHA Z1A | SKIN_FINAL |         |             | Can be absorbed through the skin. |

- Additional Information** : Adequate ventilation to control airborne concentrations below the exposure guidelines/limits.
- Exposure Controls** : Adequate ventilation to control airborne concentrations below the exposure guidelines/limits.
- Personal Protective Equipment** : Personal protective equipment (PPE) should meet recommended national standards. Check with PPE suppliers.
- Respiratory Protection** : Check with respiratory protective equipment suppliers.
- Hand Protection** : PVC, neoprene or nitrile rubber gloves.
- Eye Protection** : Chemical splash goggles (gas-tight monogoggles) and face shield with chin guard.
- Environmental Exposure Controls** : Use only in well-ventilated areas.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance : Blue. Liquid.
- Odour : Alcohol-like.
- pH : 12.5 - 13.5

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Flash point : 80 °C / 176 °F  
 : 42 °C / 108 °F  
 Specific gravity : 1.03  
 Water solubility : Soluble.  
 Volatile organic carbon : 7  
 content

**10. STABILITY AND REACTIVITY**

**Stability** : Stable under normal conditions of use.  
**Conditions to Avoid** : Open flame.  
**Materials to Avoid** : Not applicable.  
**Hazardous Decomposition Products** : None expected under normal use conditions.  
**Hazardous Polymerisation** : No  
**Sensitivity to Mechanical Impact** : No

**11. TOXICOLOGICAL INFORMATION**

**Basis for Assessment** : Information given is based on data from components.  
**Acute Oral Toxicity** : Causes digestive tract burns.  
**Acute Dermal Toxicity** : Classified as harmful. LD50 >1000 - 2000 mg/kg  
**Acute Inhalation Toxicity** : Causes severe burns. Classified as harmful.  
**Skin Irritation** : Causes severe burns.  
**Eye Irritation** : Causes severe burns.  
**Respiratory Irritation** : Causes severe burns.  
**Sensitisation** : Not a skin sensitiser.  
**Mutagenicity** : No evidence of mutagenic activity.  
**Carcinogenicity** : Not a carcinogen.

| Material          | Carcinogenicity Classification  |
|-------------------|---|
| Isopropyl Alcohol | ACGIH Group A4: Not classifiable as a human carcinogen.                       |
| Isopropyl Alcohol | IARC 3: Classification not possible from current data.                        |
| 2-butoxy ethanol  | ACGIH Group A3: Confirmed animal carcinogen with unknown relevance to humans. |
| 2-butoxy ethanol  | IARC 3: Classification not possible from current data.                        |

**Reproductive and Developmental Toxicity** : Not a developmental toxicant.

**12. ECOLOGICAL INFORMATION**

Ecotoxicological data have not been determined specifically for this product.

**Acute Toxicity** : Data not available  
**Mobility** : Disperses in water.  
**Persistence/degradability** : Data not available  
**Bioaccumulation** : Data not available  
**Other Adverse Effects** : Not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential.

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According to OSHA Hazard Communication Standard, 29 CFR

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### 13. DISPOSAL CONSIDERATIONS

- Material Disposal** : Recover or recycle if possible. It is the responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste classification and disposal methods in compliance with applicable regulations.
- Local Legislation** : Disposal should be in accordance with applicable regional, national, and local laws and regulations.

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### 14. TRANSPORT INFORMATION

Additional Information US Department of Transportation Classification (49CFR):  
Proper Shipping Name - Consumer Commodity, Class/Division .  
- ORM-D.

#### IMDG

Identification number UN 1760  
Proper shipping name CORROSIVE LIQUID, N.O.S.  
Class / Division 8  
Packing group III  
Marine pollutant: No

#### IATA (Country variations may apply)

Identification number ID 8000  
Proper shipping name Consumer Commodity  
Class / Division 9

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### 15. REGULATORY INFORMATION

The regulatory information is not intended to be comprehensive. Other regulations may apply to this material.

#### Federal Regulatory Status

##### Notification Status

|        |  |
|--------|--|
| EINECS | All components listed or polymer exempt. |
| TSCA   | All components listed.                   |
| DSL    | All components listed.                   |

##### Comprehensive Environmental Release, Compensation & Liability Act (CERCLA)

|                             |                              |
|-----------------------------|------------------------------|
| BlecheWite Tire Cleaner ()  | Reportable quantity: 50 lbs  |
| Isopropyl Alcohol (67-63-0) | Reportable quantity: 100 lbs |
| 2-butoxy ethanol (111-76-2) |                              |

## Material Safety Data Sheet

### SARA Hazard Categories (311/312)

Immediate (Acute) Health Hazard. Fire Hazard.

### SARA Toxic Release Inventory (TRI) (313)

|                             |       |
|-----------------------------|-------|
| Isopropyl Alcohol (67-63-0) | 4.98% |
| 2-butoxy ethanol (111-76-2) | 1.99% |

### State Regulatory Status

#### California Safe Drinking Water and Toxic Enforcement Act (Proposition 65)

This material does not contain any chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

#### New Jersey Right-To-Know Chemical List

|                             |                    |
|-----------------------------|--------------------|
| Isopropyl Alcohol (67-63-0) | Listed.            |
| 2-butoxy ethanol (111-76-2) | Listed.<br>Listed. |

#### Pennsylvania Right-To-Know Chemical List

|                             |                                  |
|-----------------------------|----------------------------------|
| Isopropyl Alcohol (67-63-0) | Environmental hazard.<br>Listed. |
| 2-butoxy ethanol (111-76-2) | Listed.<br>Environmental hazard. |

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## 16. OTHER INFORMATION

|   |   |
|---|---|
| <b>NFPA Rating (Health, Fire, Reactivity)</b> | : 2, 2, 0   |
| <b>MSDS Version Number</b>                    | : 1.0   |
| <b>MSDS Effective Date</b>                    | : 09/11/2008  |
| <b>MSDS Revisions</b>                         | : A vertical bar ( ) in the left margin indicates an amendment from the previous version.                             |
| <b>MSDS Regulation</b>                        | : The content and format of this MSDS is in accordance with the OSHA Hazard Communication Standard, 29 CFR 1910.1200. |
| <b>MSDS Distribution</b>                      | : The information in this document should be made available to all who may handle the product.                        |

## Material Safety Data Sheet

### Disclaimer

: The information contained herein is based on our current knowledge of the underlying data and is intended to describe the product for the purpose of health, safety and environmental requirements only. No warranty or guarantee is expressed or implied regarding the accuracy of these data or the results to be obtained from the use of the product.