

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

Chemical Identity	CAS No.	Concentration
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

Emergency Overview	
Appearance and Odour	: Blue. Liquid. Alcohol-like.
Health Hazards	: Causes severe burns.
Safety Hazards	: Combustible liquid.
Environmental Hazards	: 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

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.

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

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)	

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According to OSHA Hazard Communication Standard, 29 CFR
1910.1200

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. Listed.

Pennsylvania Right-To-Know Chemical List

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

16. OTHER INFORMATION

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

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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.