

MATERIAL SAFETY DATA SHEET

BLACK MAGIC® WHEEL CLEANER

1. PRODUCT AND COMPANY IDENTIFICATION

MSDS Number: 25618

Version Date: 11/15/02

Product Name: BLACK MAGIC® WHEEL CLEANER

Product Use: Wheel cleaner

Synonyms: BM41017, BM41023

Company Information

SOPUS Products
P.O. Box 4427
Houston, TX 77210-4427
USA

Phone Numbers

Medical Emergency: 1-800-546-6040
Transportation Emergency (USA): 1-800-424-9300
Transportation Emergency (International):
1-703-527-3887(Call collect)
MSDS Assistance: 1-800-546-6227
Fax On Demand: 1-800-546-6227
Technical Assistance: 1-800-416-1600
Customer Service: Not applicable
Fax Number: 713-217-3181
Internet Address: www.MSDS.PZLQS.com

2. COMPONENT INFORMATION

Component	CAS No.	Weight Percent Range	Hazardous in Blend
WATER	7732-18-5	60 - 90	No
SURFACTANTS	MIXTURE	< 15	No
AMMONIUM BIFLUORIDE	1341-49-7	< 1	No
BITTERING AGENT	3734-33-6	< 0.1	No

Under normal conditions of use or in a foreseeable emergency, this product does not meet the definition of a hazardous chemical when evaluated according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Hazards:

Flammable/Combustible -- **Acute Toxin** -- **Chronic Toxin** -- **Carcinogen** --
Pressure -- **Reactive** -- **Exposure Limit** X **Target Organ** -- **Other** --

Other: No information available

3. HAZARDS IDENTIFICATION

Emergency and Hazards Overview

CAUTION: EYE IRRITANT. HARMFUL IF SWALLOWED.

NFPA Ratings: **Health** 1 **Flammability** 0 **Reactivity** 1

Primary Route of Exposure: **Skin** X **Inhalation** X **Eye** X

Health Effect Information

Eye Contact: Avoid eye contact. May be irritating to the eyes upon direct contact. This product has not been tested for acute eye hazards.

Skin Contact: No adverse effects are expected because of the low concentration of each potentially hazardous constituent in the mixture. This product has not been tested for acute dermal effects.

Inhalation: Avoid inhalation of mists or vapors. Exposure to mist/vapors may be irritating to respiratory tract. This product has not been tested for inhalation effects.

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Ingestion: Do not ingest. Ingestion of large quantities may be harmful. Ingestion may cause gastrointestinal distress. Symptoms include nausea, vomiting and diarrhea.

Medical Conditions Aggravated by Exposure: No information available

Other: This product contains an extremely low concentration of ammonium bifluoride. Adverse effects are not expected during normal consumer use of this product.

4. FIRST AID INFORMATION

Eye Contact: Immediately flush eyes with large amounts of water and continue flushing for 15 minutes or until irritation subsides. If irritation persists, seek medical attention.

Skin Contact: Remove contaminated clothing. Wash thoroughly with water. If redness or irritation occurs and persists, seek medical attention.

Inhalation: Remove victim from exposure. If discomfort persists seek medical attention.

Ingestion: Do not induce vomiting. If person is conscious, give milk and large quantities of water. Seek medical attention.

Notes to Physician: No information available

Other: No information available

5. FIRE AND EXPLOSION INFORMATION

Flammable Properties

Flash Point: None

Test Method: ASTM D 3828-81-Setaflash

Flash Point: None

Test Method:

Flammable Limits in Air

Upper Percent: No data available

Lower Percent: No data available

Autoignition Temperature: No data available

Test Method: No information available

NFPA Classification: Water-based product - not applicable

Extinguishing Media: This material is nonflammable.

Fire Fighting Measures

Special Fire Fighting Procedures and Equipment: This material is nonflammable.

Unusual Fire and Explosion Conditions: This material is nonflammable.

Hazardous Combustion By-Products: None

Other: No information available

6. ACCIDENTAL RELEASE MEASURES

Personnel Safeguards: Provide adequate ventilation to remove vapors and mists. Consult Health Effect Information in Section 3, Personal Protection Information in Section 8, Fire and Explosion Information in Section 5, and Stability and Reactivity Information in Section 10.

Regulatory Notifications: No notification required

Containment and Clean up: No special cleanup procedures are necessary. Flush area with water to dilute.

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Other: No information available

7. HANDLING AND STORAGE INFORMATION

Handling: No special handling procedures are necessary.

Storage: Store in closed containers. Do not transfer to unmarked containers.

Empty Container Warnings

Drums: Not applicable

Plastic: Empty container may retain product residues. Do not reuse this container.

Other: No information available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

Exposure Limits and Guidelines

Component	CAS No.	Exposure Limit
AMMONIUM BIFLUORIDE	1341-49-7	OSHA - PEL: TWA 2.5 mg/m ³ (Flourines) OSHA - PEL: STEL 2.5 mg/m ³ (Flourines) ACGIH - TLV: TWA 2.5 mg/m ³ (Flourines)

Personal Protective Equipment

Eye/Face Protection: Eye protection is not required under conditions of normal use. If material is handled such that it could be splashed into eyes, wear plastic face shield or splash-proof safety goggles.

Skin Protection: Skin protection is not required under conditions of normal use. For prolonged or repeated exposures, use impervious clothing (boots, gloves, aprons, etc.) over parts of the body subject to exposure.

Respiratory Protection: Respiratory protection is not required under conditions of normal use.

Personal Hygiene: Always wash hands and face with soap and water before eating, drinking, or smoking. Consumption of food and beverage should be avoided in work areas where this product is present.

Engineering Controls / Work Practices

Ventilation: General room ventilation is normally sufficient to prevent buildup of hazardous concentrations.

Other: No information available

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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear solution	
Odor: Odorless	Vapor Pressure: No data available
Physical state: Liquid	Vapor Density (air=1): No data available
pH: 4 - 5	Percent Volatile by Volume: No data available
Boiling Point: < 212 F, 100 C	Volatile Organic Content: No data available
Melting Point: No data available	Molecular Weight: No data available
Specific Gravity: 1.02	Average Carbon Number: No data available
Pour Point: No data available	Viscosity @ 100 F: Not applicable
	Viscosity @ 40 C: Not applicable
Solubility in Water: Soluble in water	
Octanol / Water Coefficient: Log K_{ow} = No data available	

10. STABILITY AND REACTIVITY INFORMATION

Chemical Stability: Stable

Conditions to Avoid: None known

Incompatible Materials to Avoid: May react with strong oxidizing agents.

Other: No information available

11. TOXICOLOGICAL INFORMATION

Primary Eye Irritation: Mild conjunctivitis can occur at 0.5% hydrofluoric acid.

Primary Skin Irritation: Dermal exposure to 6 to 10% HF is the lowest concentration known to cause skin injury in humans.

Acute Dermal Toxicity: No information available

Subacute Dermal Toxicity: No information available

Dermal Sensitization: No information available

Inhalation Toxicity: No information available

Inhalation Sensitization: No information available

Oral Toxicity: LD50 (rats) : 60 mg/kg for ammonium bifluoride.

Mutagenicity: No information available

Carcinogenicity: No information available

Reproductive and Developmental Toxicity: No information available

Teratogenicity: No information available

Immunotoxicity: No information available

Neurotoxicity: No information available

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Other: No information available

12. ECOLOGICAL INFORMATION

Aquatic Toxicity: No information available

Terrestrial Toxicity: No information available

Chemical Fate and Transport: No information available

Other: No information available

13. DISPOSAL INFORMATION

Regulatory Information: Dispose of residual products and empty containers responsibly.

Waste Disposal Methods: Waste material may be landfilled or incinerated at an approved facility.

Other: No information available

14. TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT)

Highway / Rail (Bulk): Not Regulated

Highway / Rail (Non-Bulk): Not Regulated

For US shipments, US DOT law requires the shipper to determine the proper shipping description of the material that is being shipped. The shipping information and description contained in this section may not be suitable for all shipments of this material, but may help the shipper determine the proper shipping description for a particular shipment.

International Information

Vessel: IMDG Regulated: -- **IMDG Not Regulated:** X

Air: ICAO Regulated: -- **ICAO Not Regulated:** X

Other: No information available

15. Regulatory Information

Regulatory Lists Searched: The components listed in Section 2 of this MSDS were compared to substances that appear on the following regulatory lists. Each list is numerically identified. See Regulatory Search Results below.

Health & Safety: 10 - IARC carcinogen, 11 - NTP carcinogen, 12 - OSHA carcinogen, 15 - ACGIH TLV, 16 - OSHA PEL, 17 - NIOSH exposure limit, 20 - US DOT Appendix A, Hazardous substances, 22 - FDA 21 CFR Total food additives, 23 - NFPA 49 or 325

Environmental: 30 - CAA 1990 Hazardous air pollutants, 31 - CAA Ozone depleters, 33 - CAA HON rule, 34 - CAA Toxic substance for accidental release prevention, 35 - CAA Volatile organic compounds (VOC's) in SOCM, 41 - CERCLA / SARA Section 302 extremely hazardous substances, 42 - CERCLA / SARA Section 313 emissions reporting, 43 - CWA Hazardous substances, 44 - CWA Priority pollutants, 45 - CWA Toxic pollutants, 46 - EPA Proposed test rule for hazardous air pollutants, 47 - RCRA Basis for listing - Appendix VII, 48 - RCRA waste, 49 - SDWA - (S)MCLs

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International: 50 - Canada - WHMIS Classification of substance, 54 - Mexico - Drinking water - ecological criteria, 55 - Mexico - Wastewater discharges, 56 - US -TSCA Section (12)(b) - export notification

State Lists: 60 - CA - Proposition 65, 61 - FL - Substances, 62 - MI - Critical materials, 63 - MA - RTK, 64 - MA - Extraordinarily hazardous substances, 65 - MN - Hazardous substances, 66 - PA - RTK, 67 - NJ - RTK, 68 - NJ - Environmental hazardous substances, 69 - NJ - Special hazardous substances

Inventories: 80 - Canada - Domestic substances , 81 - European - EINECS, 82 - Japan - ENCS, 83 - Korea - Existing and evaluated chemical substances, 84 - US - TSCA , 85 - China Inventory

Regulatory Search Results:

AMMONIUM BIFLUORIDE: 20, 43, 50, 63, 66, 67, 69, 80, 81, 82, 83, 84, 85

BITTERING AGENT: 80, 81, 82, 83, 84, 85

WATER: 80, 81, 83, 84, 85

U.S. TSCA Inventory: All components of this material are on the US TSCA Inventory.

SARA Section 313: Consumer products are not regulated under SARA, Title III, Section 313.

IARC: No information available

SARA 311 / 312 Categories

Acute: -- **Chronic:** -- **Fire:** -- **Pressure:** -- **Reactive:** --

Not Regulated: X

Canadian WHMIS Classification

Class D - Poisonous and infectious material, Division 2B, Toxic Material

Class E - Corrosive material

European Union Classification

Hazard Symbols:

No information available

Risk Phrases:

No information available

Safety Phrases:

No information available

Other: No information available

16. OTHER INFORMATION

Health and Environmental Label Language

FRONT LABEL:

CAUTION: EYE IRRITANT. HARMFUL IF SWALLOWED.

Read other cautions on back carefully

BACK LABEL

CAUTION: Contains Ammonium bifluoride

PRECAUTIONARY MEASURES: PRECAUTIONARY MEASURES: Avoid contact with eyes and skin. Do not ingest or inhale. FIRST AID: EYE CONTACT: Wash thoroughly with water. If irritation persists, contact a physician. INGESTION: Do not induce vomiting. If person is

conscious, give milk and large quantities of water. Seek medical attention. INHALATION:

Breathe fresh air. SKIN CONTACT: Rinse thoroughly with water. Direct contact can damage glass, some painted surfaces and eyewear.

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KEEP OUT OF REACH OF CHILDREN. THIS PRODUCT CONTAINS A BITTERING AGENT.

MSDS Revisions

Previous Version Date: 09/30/02

Previous Version Information

Revised Section 2 Component Information - and revised per SM Hazards Section.
Section 15 - Revised Regulatory Information - Sara 311 / 312 Categories.

Other

No information available

Prepared By:

SOPUS Products
P.O. Box 4427
Houston, TX 77210-4453 USA

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