

Issue Date 08-Aug-2011

Revision/Review Date: 15-Mar-2021

Version 1.1

## 1. IDENTIFICATION

### Product Identifier

**Product Name** Maxim Scrubber Juice

### Other Means of Identification

**Product Code** 065000

### Recommended use of the Chemical and Restrictions on Use

**Recommended Use** All purpose cleaner concentrate. For industrial and institutional use.

### Product AT USE DILUTION

Up to 10oz/gal

### Details of the Supplier of the Safety Data Sheet

Midlab, Inc.  
140 Private Brand Way  
Athens, TN 37303

### Emergency Telephone Number

**Company Phone Number** Phone: 1-423-337-3180  
**Emergency Telephone (24 hr)** INFOTRAC 1-352-323-3500 (International)  
1-800-535-5053 (North America)

## 2. HAZARDS IDENTIFICATION

**Appearance** Colorless

**Physical State** Liquid

**Odor** Solvent

### Classification

Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1

### Hazards Not Otherwise Classified (HNOC)

May be harmful if swallowed.

### Signal Word

Danger



### Hazard Statements

Causes severe skin burns and eye damage.

### Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray.  
Wash face, hands and any exposed skin thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.

### Precautionary Statements - Response

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.  
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse.  
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician.  
IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

### Precautionary Statements - Storage

Store locked up

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Product AT USE DILUTION****GHS Classification:** Not classified.**Signal Word:** No signal word.**Hazard Statements:** No known significant effects or critical hazards.**Prevention:** Wash thoroughly after handling.**Response:** Get medical attention if symptoms appear.**Disposal:** No other specific measures identified.**Other Hazards:** None known.**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No	Weight-%
Ethylene Glycol n-Butyl Ether	111-76-2	3-7
Sodium Metasilicate	6834-92-0	3-7
Alcohols, C9-11 ethoxylated	68439-46-3	1-5

\*\*If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret\*\*

**Product AT USE DILUTION****No hazardous ingredients in reportable quantities are present in the product.****4. FIRST-AID MEASURES****First Aid Measures**

<b>Eye Contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove and discard contact lenses. Seek immediate medical attention/advice.
<b>Skin Contact</b>	Wash off immediately with plenty of water for at least 15 minutes. Take off contaminated clothing. Wash contaminated clothing before reuse. If skin irritation persists, call a physician.
<b>Inhalation</b>	Remove to fresh air. Seek immediate medical attention/advice.
<b>Ingestion</b>	Rinse mouth. Drink plenty of water. Call a physician or poison control center immediately. Do not induce vomiting. Never give anything by mouth to an unconscious person.

**Most Important Symptoms and Effects**

<b>Symptoms</b>	Corrosive to eyes. Contact will cause irritation and redness to exposed areas. Prolonged contact may even cause severe skin irritation or mild burn. Chronic exposure may cause liver, kidney and/or blood disorders.
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**Indication of any Immediate Medical Attention and Special Treatment Needed**

<b>Notes to Physician</b>	Treat symptomatically.
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**Product AT USE DILUTION****Eye Contact:** No known effects. Rinse with water for a few minutes.**Skin Contact:** No known effects. Rinse with water for a few minutes.**Inhalation:** No special measures required. Treat symptomatically.**Ingestion:** Get medical attention if symptoms occur.**5. FIRE-FIGHTING MEASURES****Suitable Extinguishing Media**

Water spray (fog). Carbon dioxide (CO2). Dry chemical. Foam.

**Unsuitable Extinguishing Media**

Not determined.

**Specific Hazards Arising from the Chemical**

None known.

**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** Use personal protective equipment as required.

**Environmental Precautions** Avoid release to the environment.

**Methods and Material for Containment and Cleaning Up**

**Methods for Containment** Prevent further leakage or spillage if safe to do so.

**Methods for Clean-Up** Collect spillage. Collect in a clean, dry waste container for disposal. Dilute remaining residue with water.

**Product AT USE DILUTION**

**Personal Precautions:** Use personal protective equipment as required.  
**Environmental Precautions:** Avoid contact of large amounts of spilled material and runoff with soil and surface waterways.  
**Methods for Clean Up:** Use a water rinse for a final clean-up.

**7. HANDLING AND STORAGE**

**Precautions for Safe Handling**

**Advice on Safe Handling** Wash thoroughly after handling. Use personal protection recommended in Section 8. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes.

**Conditions for Safe Storage, including any Incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool, and well-ventilated place. Keep locked up and out of reach of children. Keep from freezing.

**Incompatible Materials** Acids. Oxidizing agents.

**Product AT USE DILUTION**

**Handling and Storage:** Wash thoroughly after handling. Keep out of reach of children.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethylene Glycol n-Butyl Ether 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m <sup>3</sup> (vacated) S*S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m <sup>3</sup>
Sodium Metasilicate 6834-92-0	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	-

**Appropriate Engineering Controls**

**Engineering Controls** Use in well ventilated areas.

**Individual Protection Measures, such as Personal Protective Equipment**

**Eye/Face Protection** Splash goggles or safety glasses.

**Skin and Body Protection** Rubber, Nitrile, PVC, or other chemically resistant skin protection to prevent contact.

**Respiratory Protection** Ensure adequate ventilation, especially in confined areas.

**General Hygiene Considerations** Handle in accordance with good industrial hygiene and safety practice.

**Product AT USE DILUTION**

**Engineering Controls:** Good general room ventilation should be adequate.

**Eye Protection:** Wear eye protection when exposure may occur.

**Skin and Body Protection:** No protective equipment needed under normal use conditions. Safety gloves recommended if prolonged skin contact is anticipated.

**Respiratory Protection:** No protective equipment is needed under normal use conditions.

**General Hygiene Considerations:** Handle in accordance with good industrial hygiene and safety practices.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on Basic Physical and Chemical Properties**

<b>Physical State</b>	Liquid	<b>Odor</b>	Solvent
<b>Appearance</b>	Clear	<b>Odor Threshold</b>	Not determined
<b>Color</b>	Colorless		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	12.5-13.0	
Melting Point/Freezing Point	~ 0 °C / ~32 °F	
Boiling Point/Boiling Range	~ 100 °C / ~212 °F	
Flash Point	Not applicable	
Evaporation Rate	Not determined	
Flammability (Solid, Gas)	n/a-liquid	
Upper Flammability Limits	Not determined	
Lower Flammability Limit	Not determined	
Vapor Pressure	Not determined	
Vapor Density	Not determined	
Specific Gravity	1.04	
Water Solubility	Completely soluble	@ 25 °C (77 °F)
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

**Product AT USE DILUTION**

**Physical State:** Liquid  
**Color:** Clear Colorless  
**Odor:** Solvent  
**pH:** 12.0-13.0

**10. STABILITY AND REACTIVITY****Reactivity**

Not reactive under normal conditions.

**Chemical Stability**

Stable under recommended storage conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to Avoid**

Keep out of reach of children. Keep from freezing.

**Incompatible Materials**

Acids. Oxidizing agents.

**Hazardous Decomposition Products**

When exposed to fire, produces normal products of combustion.

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

<b>Eye Contact</b>	Causes severe eye damage.
<b>Skin Contact</b>	Causes severe skin burns.
<b>Inhalation</b>	Avoid breathing vapors or mists.
<b>Ingestion</b>	May be harmful if swallowed.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethylene Glycol n-Butyl Ether 111-76-2	= 470 mg/kg (Rat)	= 2270 mg/kg (Rat) = 220 mg/kg (Rabbit)	= 2.21 mg/L (Rat) 4 h = 450 ppm (Rat) 4 h
Sodium Metasilicate 6834-92-0	= 600 mg/kg (Rat)	-	-
Alcohols, C9-11 ethoxylated 68439-46-3	= 1378 mg/kg (Rat)	> 2 g/kg (Rabbit)	-

**Information on Physical, Chemical and Toxicological Effects**

**Symptoms** Please see section 4 of this SDS for symptoms.

**Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure**

**Carcinogenicity** Not classifiable as a human carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Ethylene Glycol n-Butyl Ether 111-76-2	A3	Group 3		

**Legend**

*ACGIH (American Conference of Governmental Industrial Hygienists)*

*A3 - Animal Carcinogen*

*IARC (International Agency for Research on Cancer)*

*Group 3 IARC components are "not classifiable as human carcinogens"*

**Numerical Measures of Toxicity**

Not determined

**Product AT USE DILUTION**

No specific data available.

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Ethylene Glycol n-Butyl Ether 111-76-2	-	1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50	-	1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L EC50
Sodium Metasilicate 6834-92-0	-	210: 96 h Brachydanio rerio mg/L LC50 semi-static 210: 96 h Brachydanio rerio mg/L LC50	-	216: 96 h Daphnia magna mg/L EC50

**Persistence/Degradability**

Not determined

**Bioaccumulation**

Not determined

**Mobility**

Chemical Name	Partition Coefficient
Ethylene Glycol n-Butyl Ether 111-76-2	0.81

**Other Adverse Effects**

Not determined

**13. DISPOSAL CONSIDERATIONS**

**Waste Treatment Methods**

- Disposal of Wastes** Disposal should be in accordance with applicable regional, national and local laws and regulations.
- Contaminated Packaging** Disposal should be in accordance with applicable regional, national and local laws and regulations.

**14. TRANSPORT INFORMATION**

**DOT** UN 3266, Corrosive Liquid, Basic, inorganic, NOS(Containing Potassium Hydroxide), 8, PG II

**IATA**

**IMDG**

**Product AT USE DILUTION**  
Not intended for transport.

**15. REGULATORY INFORMATION**

**International Inventories**

Canada – Domestic Substances List (DSL) All ingredients are listed or exempt.  
TSCA (Toxic Substances Control Act) All ingredients are listed or exempt.

**Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

**US Federal Regulations**

**SARA 311/312 Hazard Categories**

**Acute Health Hazard** Yes  
**Chronic Health Hazard** Yes

<b>Reactive Hazard</b>	Yes
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**SARA 313**

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Ethylene Glycol n-Butyl Ether	111-76-2	3-7	1.0

**US State Regulations****U.S. State Right-to-Know Regulations**

Chemical Name	State List
Ethylene Glycol n-Butyl Ether 111-76-2	MA, NJ, PA

AZ – Arizona Ambient Air Quality Guidelines  
 CT – Connecticut Hazardous Air Pollutants  
 CA – California Director's List of Hazardous Substances  
 CAP65 – California Prop 65  
 FL – Florida Substances List  
 ID – Idaho Non-Carcinogen Toxic Air Pollutants

IL – Illinois Toxic Air Contaminant- Carcinogenic  
 MA – Massachusetts Right to Know List  
 MN – Minnesota Hazardous Substances List  
 NJ – New Jersey Right to Know List  
 PA – Pennsylvania Right to Know List  
 RI – Rhode Island Hazardous Substances List

**16. OTHER INFORMATION**

<b>NFPA</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Instability</b>	<b>Special Hazards</b>
	Not determined	Not determined	Not determined	Not determined
<b>HMIS</b>	<b>Health Hazards</b>	<b>Flammability</b>	<b>Physical Hazards</b>	<b>Personal Protection</b>
	3	0	0	Not determined

**Product AT USE DILUTION**

**Health Hazard: 1**  
**Flammability: 0**  
**Physical Hazards: 0**  
**Personal Protection: See section 8**

**Issue Date** 08-Aug-2011  
**Revision/Review Date:** 15-Mar-2021  
**Revision Note** Version 1.1. Added At Use Dilution Information

**Disclaimer**

The information provided in this Safety Data Sheet 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 guidance for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered 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 materials or in any process, unless specified in the text.

**Keep Out of Reach of Children. For Industrial and Institutional Use Only.**

\*Denotes changes from last version.

**End of Safety Data Sheet**