

# **Safety Data Sheet**

Issue Date 14-Dec-2012 Revision/Review Date: 11-Jan-2023 Version 1.1

1. IDENTIFICATION

Product Identifier

Product Name Maxim Deep Scrub Floor Cleaner

Other Means of Identification

Product Code 185000

Recommended Use of the Chemical and Restrictions on Use

**Recommended Use** Deep scrub floor cleaner. For industrial & institutional use.

**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 Blue Physical State Liquid Odor Citrus

Classification

Skin Corrosion/Irritation	Category 3
Sensitization – Skin	Category 1

## Signal Word Warning

# **Hazard Statements**

Causes mild skin irritation.

May cause an allergic skin reaction.

## **Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray.

Contaminated work clothing should not be allowed out of the workplace.

Wear protective gloves.

#### **Precautionary Statements - Response**

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Wash

contaminated clothing before reuse.

SPECIFIC TREATMENT: Remove from exposure and treat symptoms.

## **Precautionary Statements - Storage**

No other specific measures identified.

## **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant.

#### Other Hazards

None known.

#### **Unknown Acute Toxicity**

None known.

# 3. COMPOSITION/INFORMATION ON INGREDIENTS





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Chemical Name	CAS No	Weight-%
Alcohols, C9-11, Ethoxylated	68439-46-3	1-5
Butoxyethanol	111-76-2	1-5

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# 4. FIRST-AID MEASURES

#### **First Aid Measures**

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If

irritation develops or persists, seek medical attention.

**Skin Contact** Wash off immediately with plenty of water. If irritation or rash occurs: Get medical

attention/advice.

**Inhalation** Remove to fresh air.

**Ingestion** Clean mouth with water and drink afterwards plenty of water. If any discomfort persists,

obtain medical attention.

#### **Most Important Symptoms and Effects**

**Symptoms** Prolonged or repeated exposure can remove natural skin oils and may produce irritation.

#### Indication of Any Immediate Medical Attention and Special Treatment Needed

Notes to Physician Treat symptomatically. May aggravate pre-existing skin disorders.

# 5. FIRE-FIGHTING MEASURES

# Suitable Extinguishing Media

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

#### <u>Unsuitable Extinguishing Media</u>

Not determined.

# Specific Hazards Arising from the Chemical

None known.

#### **Hazardous Combustion Products**

Normal products of combustion.

### **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** Wear protective clothing as described in Section 8 of this safety data sheet.

Environmental Precautions Prevent from entering into soil, ditches, sewers, waterways and/or groundwater. See

Section 12, Ecological Information. See Section 13, Disposal Considerations, for additional

information. See Section 12 for additional Ecological Information.

#### Methods and Material for Containment and Cleaning Up

Methods for Containment Prevent from spreading or entering drains, ditches, or rivers by using sand, earth, or other

appropriate barriers.

Methods for Clean-Up

Contain and collect with an inert absorbent and place into an appropriate container for

<sup>\*\*</sup>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. \*\*

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disposal. Rinse area with clean water and dry before permitting traffic.

#### 7. HANDLING AND STORAGE

#### **Precautions for Safe Handling**

Advice on Safe Handling Handle in accordance with good industrial hygiene and safety practice. Use personal

protection recommended in Section 8. For industrial and commercial use only. Avoid

contact with skin, eyes, or clothing.

#### Conditions for Safe Storage. Including Any Incompatibilities

Storage Conditions Keep container tightly closed and store in a cool, dry, and well-ventilated place. Protect

from freezing. Keep out of the reach of children.

**Incompatible Materials** Strong oxidizing agents, acids.

# 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Butoxyethanol 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m³ (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m³ (vacated) S*S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m <sup>3</sup>

#### **Appropriate Engineering Controls**

Engineering Controls Ensure adequate ventilation, especially in confined areas. Good general room ventilation

should be adequate under normal conditions.

# Individual Protection Measures, such as Personal Protective Equipment

**Eye/Face Protection** Eye protection should be used when splashing may occur.

**Skin and Body Protection** Wear protective gloves when handling this product.

**Respiratory Protection** Under normal conditions, respirator is not normally required.

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

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### Information on Basic Physical and Chemical Properties

Physical State Liquid Appearance Clear

Appearance Clear Odor Citrus

ColorBlueOdor ThresholdNot determined

<u>Property</u> <u>Values</u> <u>Remarks • Method</u>

pH (concentrate) 8.5-9.0

**Melting Point/Freezing Point** Approximately 32°F **Boiling Point/Boiling Range** Approximately 212°F **Flash Point** Not applicable **Evaporation Rate** Not determined Flammability (Solid, Gas) Liquid-not applicable Not applicable **Upper Flammability Limits** Not applicable **Lower Flammability Limit Vapor Pressure** Not determined **Vapor Density** Not determined

Specific Gravity 1.01

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Completely soluble **Water Solubility** Solubility in other solvents Not determined **Partition Coefficient** Not determined **Auto-ignition Temperature** Not determined **Decomposition Temperature** Not determined Not determined **Kinematic Viscosity Dynamic Viscosity** Not determined **Explosive Properties** Not an explosive **Oxidizing Properties** Not determined

# 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.

#### Hazardous Polymerization

Hazardous polymerization does not occur.

#### **Conditions to Avoid**

Keep out of reach of children. Keep from freezing.

#### **Incompatible Materials**

Strong oxidizing agents. Acids.

#### **Hazardous Decomposition Products**

Thermal decomposition may produce oxides of carbon.

# 11. TOXICOLOGICAL INFORMATION

# Information on Likely Routes of Exposure

#### **Product Information**

**Eye Contact** Avoid contact with eyes.

**Skin Contact** Avoid contact with skin.

**Inhalation** Avoid breathing vapors or mists.

**Ingestion** Do not taste or swallow.

## Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Alcohols, C9-11, Ethoxylated 68439-46-3	= 1400 mg/kg (Rat)	> 5000 mg/kg (Rabbit)	-
Butoxyethanol 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

#### 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.

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Chemical Name	ACGIH	IARC	NTP	OSHA
Butoxyethanol 111-76-2	А3	Group 3		

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#### 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

# 12. ECOLOGICAL INFORMATION

## **Ecotoxicity**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

#### Component Information

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Alcohols, C9-11, Ethoxylated 68439-46-3	EC50: 0.95mg/L (Algae)	6mg/L (96hr) Pimephales promelas (Fathead minnow)	-	2.5mg/L (48hr) Daphnia magna
Butoxyethanol 111-76-2	-	1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis	-	1698 - 1940: 24 h Daphnia magna mg/L EC50 1000: 48 h Daphnia magna mg/L

#### Persistence/Degradability

Not expected to persist.

#### **Bioaccumulation**

Not expected to bioaccumulate.

#### **Mobility**

Chemical Name	Partition Coefficient
Butoxyethanol 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

Note Please see current shipping paper for most up to date shipping information, including

exemptions and special circumstances.

**DOT** Not regulated. (NOI Non-Hazardous)

IATA Not regulated.

**IMDG** Not regulated.

# 15. REGULATORY INFORMATION

# 185000 - Maxim Deep Scrub Floor Cleaner International Inventories

Canada – Domestic Substances List (DSL) TSCA (Toxic Substances Control Act)

All ingredients are listed or exempt. All ingredients are listed or exempt.

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#### 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

#### **CERCLA**

None Listed

#### SARA 311/312 Hazard Categories

Immediate (Acute) Health.

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Butoxyethanol	111-76-2	5-10	1.0

#### **CWA (Clean Water Act)**

None known.

# US State Regulations

#### U.S. State Right-to-Know Regulations

The following ingredients appear on various state right to know lists and/or California's Proposition 65 List:

Chemical Name	State List	
Butoxyethanol 111-76-2	MA, NJ, PA	

AZ- Arizona Ambient Air Quality Guidelines IL- Illinois Toxic Air Contaminate- Carcinogenic

CT- Connecticut Hazardous Air Pollutants

MA- Massachusetts Right to Know List

CA- California Director's List of Hazardous Substances MN- Minnesota Hazardous Substances List

CAP65- California Prop65

NJ- New Jersey Right to Know List
FL- Florida Substances List

PA- Pennsylvania Right to Know List

ID- Idaho Non-Carcinogen Toxic Air Pollutants RI- Rhode Island Hazardous Substances List

# 16. OTHER INFORMATION

NFPA	Health Hazards	Flammability	Instability	Special Hazards
<u>HMIS</u>	Not determined <b>Health Hazards</b> 1	Not determined Flammability 0	Not determined Physical Hazards 0	Not determined Personal Protection Gloves

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### **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.

**End of Safety Data Sheet** 

<sup>\*</sup>Denotes changes from last version.