

Issue Date: 05-Dec-2012

Revision Date: 07-Feb-2014

Version 1.0

1. IDENTIFICATION

Product Identifier

Product Name Water Based Dust Mop Treatment

Other Means of Identification

Product Code 192000

Recommended use of the Chemical and Restrictions on Use

Recommended Use Dust treatment. For industrial 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 Sassafras

Classification

Acute toxicity – Oral	Category 4
Specific target organ toxicity – repeated exposure – Oral	Category 2

Signal Word

Warning



Hazard Statements

Harmful if swallowed.
May cause damage to organs through prolonged or repeated exposure if swallowed.

Precautionary Statements - Prevention

Do not breathe dust/fume/gas/mist/vapors/spray.
Wash face, hands and any exposed skin thoroughly after handling.
Do not eat, drink or smoke when using this product.

Precautionary Statements - Response

IF SWALLOWED: rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell.

Precautionary Statements - Storage

No other specific measures identified.

Precautionary Statements - Disposal

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

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No	Weight-%
Water	7732-18-5	60-100
Diethylene Glycol	111-46-6	30-40

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.

4. FIRST-AID MEASURES

First Aid Measures

Eye Contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek immediate medical attention/advice.
Skin Contact	Wash with soap and water. Take off contaminated clothing. Wash contaminated clothing before reuse.
Inhalation	Remove to fresh air. Seek immediate medical attention/advice.
Ingestion	Rinse mouth. Do not induce vomiting. Drink plenty of water. Seek medical advice.

Most important Symptoms and Effects

Symptoms	Exposed individuals may experience eye tearing, redness and discomfort. Contact may cause irritation and redness.
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Indication of any Immediate Medical Attention and Special Treatment Needed

Notes to Physician	Treat symptomatically.
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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 protection recommended in Section 8.
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Environmental Precautions	Avoid release to the environment.
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Methods and Material for Containment and Cleaning Up

Methods for Containment	Prevent further leakage or spillage if safe to do so.
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Methods for Clean-Up	Collect in a clean, dry waste container for disposal. Dispose of in accordance with federal, state and local regulations. Use a water rinse for final clean up.
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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 eyes. Handle in accordance with good industrial hygiene and safety practice.

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. Protect from freezing.

Incompatible Materials Acids.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Diethylene Glycol 111-46-6	TWA: 10 mg/m ³	-	-

Appropriate Engineering Controls

Engineering Controls General ventilation sufficient.

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection Splash goggles or safety glasses.

Skin and Body Protection Chemical resistant protective gloves.

Respiratory Protection Ensure adequate ventilation, especially in confined areas.

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	Odor	Sassafras
Appearance	Clear	Odor Threshold	Not determined
Color	Blue		

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	9.5-10.0	
Melting Point/Freezing Point	~ 0 °C / ~32 °F	
Boiling Point/Boiling Range	101 °C / 214 °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	1.03	
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	

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. Avoid elevated temperatures.

Incompatible Materials

Strong acids, strong bases, and strong oxidizers.

Hazardous Decomposition Products

Decomposition products can include aldehydes, alcohols and ethers.

11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

Product Information

Eye Contact	May cause slight eye irritation.
Skin Contact	Non-irritating.
Inhalation	Avoid breathing vapors or mists.
Ingestion	Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Diethylene Glycol 111-46-6	= 19600 mg/kg (Rat) Estimated Human Adult = 65mL	= 13330 mg/kg (Rabbit)	> 4.6 mg/L (Rat) aerosol

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.

Numerical Measures of Toxicity

Not determined

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
Diethylene Glycol 111-46-6	-	= 75200 mg/L (96hr) Pimephales promelas, flow-through test	> 1000 mg/L (3hr) activated sludge, respiration inhibition	> 10000 mg/L (24hr) Daphnia magna, static test

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Chemical Name	Partition Coefficient
Diethylene Glycol 111-46-6	< 1

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 Not regulated

IATA Not regulated

IMDG Not regulated

15. REGULATORY INFORMATION

International Inventories

Not determined

US Federal Regulations

SARA 311/312 Hazard Categories

Acute Health Hazard Yes
Delayed (Chronic) Health Hazard Yes

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain 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

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	State List
Diethylene Glycol 111-46-6	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

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	Not determined	Not determined	Not determined	Not determined
<u>HMIS</u>	Health Hazards	Flammability	Physical Hazards	Personal Protection
	2	0	0	Not determined

Issue Date: 05-Dec-2012
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 Revision Note: New format Version 1.0

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