

Issue Date: 08-Aug-2011

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Version 1.2

1. IDENTIFICATION

Product Identifier

Product Name Maxim Blue All Purpose Cleaner

Other Means of Identification

Product Code 053600

Recommended use of the Chemical and Restrictions on Use

Recommended Use All purpose cleaner concentrate. 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 Dark blue

Physical State Liquid

Odor Citrus

Classification

Skin corrosion/irritation	Category 3
Serious eye damage/eye irritation	Category 2 Sub-Category A

Signal Word

Warning



Hazard Statements

Causes mild skin irritation.
Causes serious eye irritation.

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling.
Wear 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. If eye irritation persists: get medical advice/attention.
IF ON SKIN: If skin irritation occurs: get medical advice/attention.

Precautionary Statements - Storage

No other means specified.

Precautionary Statements - Disposal

No other means specified.

Other Hazards

None known.

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-%
Water	7732-18-5	60-100
Tetrasodium EDTA	64-02-8	1-5
Dipropylene Glycol Monomethyl Ether	34590-94-8	1-5
Dipropylene Glycol Monobutyl Ether	29911-28-2	1-5
Sodium Xylene Sulfonate	1300-72-7	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**

Eye Contact Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention/advice if irritation persists.

Skin Contact Wash off immediately with plenty of water. Take off contaminated clothing. Wash contaminated clothing before reuse.

Inhalation Remove to fresh air. Call a physician or poison control center immediately.

Ingestion Rinse mouth. Drink plenty of water. If any discomfort persists, obtain medical attention.

Most Important Symptoms and Effects

Symptoms Exposed individuals may experience eye tearing, redness and discomfort.

Indication of any Immediate Medical Attention and Special Treatment Needed

Notes to Physician Treat symptomatically.

Product AT USE DILUTION

Eye Contact: May cause eye irritation. Rinse with water for a few minutes.
Skin Contact: No known effect. 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 protection recommended in Section 8.

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 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.

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 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. Protect from freezing. Keep out of the reach of children. Store locked up.

Incompatible Materials Acids.

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
Dipropylene Glycol Monomethyl Ether 34590-94-8	STEL: 150 ppm TWA: 100 ppm S*	TWA: 100 ppm TWA: 600 mg/m ³ (vacated) TWA: 100 ppm (vacated) TWA: 600 mg/m ³ (vacated) STEL: 150 ppm (vacated) STEL: 900 mg/m ³ (vacated) S*S*	IDLH: 600 ppm TWA: 100 ppm TWA: 600 mg/m ³ STEL: 150 ppm STEL: 900 mg/m ³

Appropriate Engineering Controls

Engineering Controls General ventilation sufficient.

Individual Protection Measures, such as Personal Protective Equipment

- Eye/Face Protection** Wear safety glasses or goggles as needed.
- Skin and Body Protection** None under normal use conditions.
- Respiratory Protection** No protective equipment is needed under normal use conditions.
- 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 safety glasses or goggles as needed.
Skin and Body Protection: No protective equipment needed under normal use conditions.
Respiratory Protection: No protective equipment is needed under normal use conditions.
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

<p>Physical State Liquid Appearance Clear Color Dark blue</p>	<p>Odor Citrus Odor Threshold Not determined</p>
<p>Property Values</p> <p>pH 11.5-12.0 Melting Point/Freezing Point ~ 0 °C / ~32 °F Boiling Point/Boiling Range ~ 100 °C / ~212 °F Flash Point Not available 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 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</p>	<p>Remarks • Method</p> <p>@ 25 °C (77 °F)</p>

Product AT USE DILUTION

Physical State: Liquid
Color: Pale Blue
Odor: Citrus
pH: 10.5-11.0

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.

Hazardous Decomposition Products

When exposed to fire, produces normal products of combustion.

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

Eye Contact	Causes serious eye irritation.
Skin Contact	May cause skin irritation.
Inhalation	Avoid breathing vapors or mists.
Ingestion	Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Tetrasodium EDTA 64-02-8	= 10 g/kg (Rat)	-	-
Dipropylene Glycol Monobutyl Ether 29911-28-2	= 1620 µL/kg (Rat)	= 5860 µL/kg (Rabbit)	> 2.04 mg/L (Rat) 4 h = 42.1 ppm (Rat) 4 h
Dipropylene Glycol Monomethyl Ether 34590-94-8	= 5230 mg/kg (Rat)	= 9500 mg/kg (Rabbit)	-
Sodium Xylene Sulfonate 1300-72-7	= 7200 mg/kg (Rat)	-	-

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 This product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP.

Numerical Measures of Toxicity

Not determined

Product AT USE DILUTION

No specific data available.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Harmful to aquatic life with long lasting effects.

Chemical Name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Tetrasodium EDTA 64-02-8	1.01: 72 h Desmodesmus subspicatus mg/L EC50	41: 96 h Lepomis macrochirus mg/L LC50 static 59.8: 96 h Pimephales promelas mg/L LC50 static	-	610: 24 h Daphnia magna mg/L EC50

Dipropylene Glycol Monobutyl Ether 29911-28-2	-	841: 96 h Poecilia reticulata mg/L LC50 static	-	-
Dipropylene Glycol Monomethyl Ether 34590-94-8	-	10000: 96 h Pimephales promelas mg/L LC50 static	-	1919: 48 h Daphnia magna mg/L LC50

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Chemical Name	Partition Coefficient
Dipropylene Glycol Monomethyl Ether 34590-94-8	-0.064

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

IATA Not regulated

IMDG
Marine Pollutant This material may meet the definition of a marine pollutant

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

SARA 313

Chemical Name	CAS No	Weight-%	SARA 313 - Threshold Values %
Dipropylene Glycol Monomethyl Ether	34590-94-8	1-5	1.0

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	State List
Dipropylene Glycol Monomethyl Ether 34590-94-8	MA, NJ, PA

- | | |
|---|---|
| AZ – Arizona Ambient Air Quality Guidelines | IL – Illinois Toxic Air Contaminant- 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 Prop 65 | 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 Not determined	Flammability Not determined	Instability Not determined	Special Hazards Not determined
HMIS	Health Hazards 2	Flammability 0	Physical Hazards 0	Personal Protection Not determined

Product AT USE DILUTION
Health Hazard: 1
Flammability: 0
Physical Hazards: 0
Personal Protection: Not determined

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 Revision Note: Updated Section 3 Version 1.2

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