

Safety Data Sheet

Issue Date: 08-Aug-2011 Revision Date: 30-Sep-2016 Version 1.1

1. IDENTIFICATION

Product Identifier

Product Name Concentrated All Purpose Cleaner Degreaser

Other Means of Identification

Product Code 061400

Recommended use of the Chemical and Restrictions on Use

Recommended Use Degreaser 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

AppearanceDark GreenPhysical StateLiquidOdorSassafras

Classification

Skin corrosion/irritation	Category 1
Serious eye damage/eye irritation	Category 1
Corrosive to metals	Category 1

Signal Word

Danger

Hazard Statements

Causes severe skin burns and eye damage.

May be corrosive to metals.

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.

Keep only in original container.

<u>Precautionary Statements - Response</u>

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.

Absorb spillage to prevent material damage.



Precautionary Statements - Storage

Store locked up.

Store in corrosive resistant container with a resistant inner liner.

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-%
Water	7732-18-5	60-100
Ethylene Glycol Monobutyl Ether	111-76-2	3-7
Sodium Metasilicate	6834-92-0	1-5
Alcohols, C9-11 ethoxylated	68439-46-3	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

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.

Indication of any Immediate Medical Attention and Special Treatment Needed

Notes to Physician Treat symptomatically.

Product AT USE DILUTION

Eye Contact: May cause irritation. Rinse with water for 15 minutes. Get medical advice/attention if irritation persists.

Skin Contact: May cause irritation. 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-UpCollect 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. Keep locked up and

out of reach of children. Protect from freezing.

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

Ethylene Glycol Monobutyl Ether 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 ³
Sodium Metasilicate 6834-92-0	2 mg/m³	2 mg/m³	-

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.

Product AT USE DILUTION

Engineering Controls: Good general room ventilation should be adequate.
Eye Protection: Wear glasses or goggles when exposure may occur.
Skin and Body Protection: Wear protective equipment gloves as needed.

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

Physical StateLiquidAppearanceClearOdorSassafrasColorDark GreenOdor ThresholdNot determined

Property Values Remarks • Method

pH 12.5-13.0

 ~ 0 °C / \sim 32 °F **Melting Point/Freezing Point 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 1.04

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: Green Odor: Sassafras pH: 12.5-13.0

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.

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 severe eye damage.

Skin Contact Causes severe skin burns.

Inhalation Avoid breathing vapors or mists.

Ingestion Do not taste or swallow.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethylene Glycol Monobutyl 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.

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Chemical Name	ACGIH	IARC	NTP	OSHA
Ethylene Glycol Monobutyl 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

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Ecotoxicity

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

Chemical Name	Algae/aquatic plants	FISN	Toxicity to microorganisms	Crustacea
Ethylene Glycol Monobutyl 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 Monobutyl Ether 111-76-2	0.81

Other Adverse Effects

Not determined

Product AT USE DILUTION

No specific data available.

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 UN3266, Corrosive Liquid, Basic, Inorganic, NOS(Containing Potassium Hydroxide), 8, PG

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IATA

IMDG

Product AT USE DILUTION

Not intended for transport.

15. REGULATORY INFORMATION

International Inventories

Canada – Domestic Substances List (DSL) TSCA (Toxic Substances Control Act) All ingredients are listed or exempt. 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 %
Ethylene Glycol Monobutyl Ether	111-76-2	3-7	1.0

US State Regulations

U.S. State Right-to-Know Regulations

Chemical Name	State List
Ethylene Glycol Monobutyl 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-III hio idistro i canta anni na atte-Cancinio geniric

MA-MasaabhusettsRighttockhoowListt

MN-WinnesstaaHazzaddousSSubstaancessListst

NJ-New Jessy Rightock know List

PA-Pennsylyhaairaia RRijolhtockkio ow Llist

RI-RhooledstanddHazzaddoussSololstanceesListst

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IL - Illir

MA - N

MN - N

NJ - N

PA - P

RI - Ri

16. OTHER INFORMATION

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Glasses, gloves

NFPAHealth Hazards
Not determinedFlammability
Not determinedInstability
Not determinedSpecial HazardsHMISHealth HazardsFlammabilityNot determinedNot determinedPhysical HazardsPersonal Protection

0 0

Product AT USE DILUTION

Health Hazard: 2 Flammability: 0 Physical Hazards: 0

Personal Protection: Glasses, gloves

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Revision Note: Added At Use Dilution Information Version 1.1

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

^{*}Denotes changes from last version.