

Issue Date: 30-Sep-2013

Revision/Review Date: 03-Mar-2022

Version 1.3

1. IDENTIFICATION

Product Identifier

Product Name Maxim Heavy Duty Degreaser #3

Other Means of Identification

Product Code 650300

Recommended use of the Chemical and Restrictions on Use

Recommended Use Alkaline degreaser concentrate. For industrial & institutional use.

Product AT USE DILUTION

Up to 4oz/gal (1:32).

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 Green

Physical State Liquid

Odor None

Classification

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

Signal Word

Danger



Hazard Statements

Causes severe skin burns and eye damage.

Precautionary Statements - Prevention

Do not breathe mist /spray.
Wash face, hands and any exposed skin thoroughly after handling.
Wear protective gloves / eye 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): Rinse skin with water. Take off contaminated clothing and wash before reuse.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Call a POISON CENTER or doctor.
IF SWALLOWED: rinse mouth. Do NOT induce vomiting. Call a POISON CENTER or doctor.
SPECIFIC TREATMENT: Remove from exposure and treat symptoms.

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-%
Alcohols, C9-11 Ethoxylated	68439-46-3	1-5
Sodium Hydroxide	1310-73-2	1-5
C12-15 Pareth-2	68131-39-5	1-5
Quaternary Ammonium Chloride	68478-94-4	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.
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Indication of any Immediate Medical Attention and Special Treatment Needed

Notes to Physician	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 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. 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

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Sodium Hydroxide 1310-73-2	Ceiling: 2 mg/m ³	TWA: 2 mg/m ³ (vacated) Ceiling: 2 mg/m ³	IDLH: 10 mg/m ³ Ceiling: 2 mg/m ³

Appropriate Engineering Controls

Engineering Controls General ventilation is 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 eye protection when exposure may occur.

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 practices.

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

Physical State	Liquid	Odor	None
Appearance	Clear	Odor Threshold	Not determined
Color	Green		

Property	Values	Remarks • Method
pH	13.0-13.5	
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: Colorless to light green

Odor: No fragrance added

pH: 12.0-12.5

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
Alcohols, C9-11 ethoxylated 68439-46-3	= 1378 mg/kg (Rat)	> 2 g/kg (Rabbit)	-
Sodium Hydroxide 1310-73-2	-	= 1350 mg/kg (Rabbit)	-
C12-15 Pareth-2 68131-39-5	= 1600 mg/kg (Rat)	= 5000 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

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

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
Sodium Hydroxide 1310-73-2		45.4: 96 h Oncorhynchus mykiss mg/L LC50 static		
C12-15 Pareth-2 68131-39-5	EC50: 0.9mg/L (Algae) (96h)	LC50: 96h: 2.7mg/L Pimephales promelas (Fathead minnow)	-	EC50: 48h: 0.4-0.75mg/L Daphnia magna

Persistence/Degradability

Not determined.

Bioaccumulation

Not determined.

Mobility

Not determined.

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.

California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
Sodium Hydroxide 1310-73-2	Toxic Corrosive

14. TRANSPORT INFORMATION

DOT

UN3266, Corrosive Liquid, Basic, Inorganic, N.O.S. (Containing Sodium Hydroxide), 8, PG III

49 CFR §173.154 (Exemption): This product can ship as a "Limited Quantity" if packaged in containers < 1.3 gallons.

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/NDL - Canadian Domestic Substances List/Non-Domestic Substances List*

US Federal Regulations**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
Sodium Hydroxide 1310-73-2	1000 lb		RQ 1000 lb final RQ RQ 454 kg final RQ

SARA 311/312 Hazard Categories**Acute Health Hazard**

Yes

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 %
None Listed			

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

Component	CWA – Reportable Quantities	CWA – Toxic Pollutants	CWA – Priority Pollutants	CWA – Hazardous Substances
Sodium Hydroxide 1310-73-2	1000 lb			X

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

Chemical Name	State List
Sodium Hydroxide 1310-73-2	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 Contaminants: 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

IL – Illinois
 MA – Massachusetts
 MN – Minnesota
 NJ – New Jersey
 PA – Pennsylvania
 RI – Rhode Island

16. OTHER INFORMATION**NFPA****Health Hazards****Flammability****Instability****Special Hazards**

Not determined

Not determined

Not determined

Not determined

HMIS**Health Hazards****Flammability****Physical Hazards****Personal Protection**

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See section 8

Product AT USE DILUTION**Health Hazard: 1****Flammability: 0****Physical Hazards: 0****Personal Protection: See section 8****Issue Date:**

30-Sep-2013

Revision/Review Date:

03-Mar-2022

Revision Note:

Version 1.3 – Updated Sections 2,3, and 14

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