SAFETY DATA SHEET
HD Non Butyl Degreaser

Printed: 03/18/2015
Revision: 03/17/2015
Supersedes Revision: 02/06/2014

1. Product and Company Identification

Product Code: 281105

Product Name: HD Non Butyl Degreaser

Company Name: GORM, Inc.
1501 South Hudson Avenue
Ontario, CA 91761

Phone Number: (909)292-1400

Web site address: www.gorminc.com

Emergency Contact: ChemTel (800)255-3924

Recommended Use: Hard Surface Cleaner/Degreaser

Intended Use: For sale to, use and storage by service persons only.

2. Hazards Identification

Skin Corrosion/Irritation, Category 1B
Acute Toxicity: Inhalation, Category 4
Serious Eye Damage/Eye Irritation, Category 2A

GHS Signal Word: **Danger**

GHS Hazard Phrases: Causes severe skin burns and eye damage.
Harmful if inhaled.
Causes serious eye irritation.

GHS Precaution Phrases: Wear protective gloves, protective clothing, eye protection, face protection.
Use only outdoors or in a well-ventilated area.
Wash hands thoroughly after handling. Keep out of reach of children.

GHS Response Phrases: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

IF ON SKIN: Wash with plenty of soap and water.
IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell.

GHS Storage and Disposal Phrases: No phrases apply.

Potential Health Effects (Acute and Chronic):

Inhalation: Causes irritation of the mucous membranes.

Skin Contact: Irritation and burning pain on prolonged skin contact.

Eye Contact: Contact with eyes may cause severe irritation, and possible eye burns. Avoid any eye contact.

Ingestion: Causes burns. May cause severe gastrointestinal tract irritation with nausea, vomiting and possible burns. May be harmful if swallowed.

3. Composition/Information on Ingredients

CAS #	Hazardous Components (Chemical Name)	Concentration
1310-73-2	Sodium hydroxide	Proprietary
6834-92-0	Silicic acid (H2SiO3), Disodium salt	Proprietary
78-96-6	1-Amino-2-Propanol	Proprietary

4. First Aid Measures

Emergency and First Aid Procedures:

In Case of Inhalation: Move victim to fresh air. If breathing becomes difficult, call a physician.

In Case of Skin Contact: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Consult a physician. Destroy contaminated shoes.

In Case of Eye Contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician. Do NOT allow victim to rub eyes or keep eyes closed.

In Case of Ingestion: If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Consult a physician.

Signs and Symptoms Of Exposure: Burning sensation, Cough, Wheezing, Laryngitis, Shortness of breath.

Note to Physician: Treat symptomatically and supportively. Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

5. Fire Fighting Measures

Flash Pt: No data. Method Used: Estimate

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: No data.

Suitable Extinguishing Media: Use dry chemical, carbon dioxide, or alcohol-resistant foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

Flammable Properties and Hazards: No data available.

6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled: Use proper personal protective equipment as indicated in Section 8. Absorb on sand or vermiculite and place in closed containers for disposal.

7. Handling and Storage

Precautions To Be Taken in Handling: Wash thoroughly after handling. Do not get in eyes, on skin or clothing. Do not breathe dust, vapor, mist, or gas. Avoid ingestion and inhalation.

Precautions To Be Taken in Storing: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

8. Exposure Controls/Personal Protection

CAS #	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits
1310-73-2	Sodium hydroxide	PEL: 2 mg/m3	CEIL: 2 mg/m3	No data.
6834-92-0	Silicic acid (H2SiO3), Disodium salt	No data.	No data.	No data.
78-96-6	1-Amino-2-Propanol	No data.	No data.	No data.

Respiratory Equipment (Specify Type): Always use a NIOSH approved respirator when necessary.

Eye Protection: Face shield and safety glasses.

Protective Gloves: Wear appropriate protective gloves to prevent skin exposure.

Other Protective Clothing: Wear appropriate protective clothing to prevent skin exposure.

Engineering Controls (Ventilation etc.): Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

9. Physical and Chemical Properties

Physical States: [ ] Gas [X] Liquid [ ] Solid

Appearance and Odor: Blue color liquid with mild or no fragrance.

Melting Point: No data.

Boiling Point: > 212.00 F

Autoignition Pt: No data.

Flash Pt: No data. Method Used: Estimate

Explosive Limits: LEL: No data. UEL: No data.

Specific Gravity (Water = 1): 1.080

Vapor Pressure (vs. Air or mm Hg): No data.

Vapor Density (vs. Air = 1): No data.

Evaporation Rate: No data.

Solubility in Water: 100%

pH: 12 - 14

Percent Volatile: No data.

VOC / Volume: 0.0000 GL

10. Stability and Reactivity

Stability: Unstable [ ] Stable [X]

Conditions To Avoid - Instability: No data available.

Incompatibility - Materials To Avoid: Anionic compounds. Strong oxidizers, strong alkali materials, aluminum and soft metals.

Hazardous Decomposition Or Byproducts: CO, CO2.

Possibility of Hazardous Reactions: Will occur [ ] Will not occur [X]

Conditions To Avoid - Hazardous Reactions: No data available.

11. Toxicological Information

Toxicological Information: No data available.

Carcinogenicity/Other Information:

CAS# 1310-73-2:
Acute toxicity, LD50, Intraperitoneal, Mouse, 40.00 MG/KG.
Results:
Behavioral: Somnolence (general depressed activity).
- Comptes Rendus Hebdomadaires des Seances, Academie des Sciences., For publisher information, see CRASEV, Paris France, Vol/p/yr: 257,791, 1963

CAS# 6834-92-0:
Acute toxicity, LD50, Oral, Mouse, 770.0 MG/KG.
Results:
Kidney, Ureter, Bladder:Changes in tubules (including acute renal failure, acute tubular necrosis).
Kidney, Ureter, Bladder: Changes in bladder weight.
Nutritional and Gross Metabolic:Weight loss or decreased weight gain.
- Toxicology Letters., Elsevier Science Pub. B.V., POB 211, 1000 AE, Amsterdam 1000 AE Netherlands, Vol/p/yr: 31(Suppl),, 1986

CAS# 1310-73-2: Not listed by ACGIH, IARC, NTP, or CA Prop 65. Carcinogenicity.
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA. CAS# 78-96-6: Not listed by ACGIH, IARC, NTP, or CA Prop 65.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

No data available.

Results of PBT and vPvB assessment:

CAS# 1310-73-2:
LC50, Western Mosquitofish (Gambusia affinis), adult(s), 125000. UG/L, 24 H, Mortality, Water temperature: 22.00 C - 24.00 C C, pH: 9.00.
Results:
No loss of equilibrium observed.
- Toxicity to Gambusia affinis of Certain Pure Chemicals in Turbid Waters, Wallen, I.E., W.C. Greer, and R. Lasater, 1957

13. Disposal Considerations

Waste Disposal Method: Dispose of contents and container according to the local, city, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name: UN3266, Corrosive Liquid, Basic, Inorganic, n.o.s., (Contains Sodium Hydroxide), 8, II. (Sodium hydroxide, 1-Amino-2-Propanol)

DOT Hazard Class: 8 CORROSIVE

UN/NA Number: UN3266 **Packing Group:** II

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: UN3266, Corrosive Liquid, Basic, Inorganic, n.o.s., (Contains Sodium Hydroxide), 8, II.

15. Regulatory Information

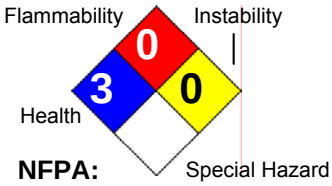
CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
1310-73-2	Sodium hydroxide	CA PROP.65: No
6834-92-0	Silicic acid (H2SiO3), Disodium salt	CA PROP.65: No
78-96-6	1-Amino-2-Propanol	CA PROP.65: No

16. Other Information

Hazard Rating System:

HMIS:

NFPA:



Revision Date: 03/17/2015

Additional Information About This Product: No data available.

Company Policy or Disclaimer: The manufacturer believes the data set forth are accurate and makes no warranty with respects thereto and disclaims all liability for reliance thereon. Such data are offered solely for consideration, investigation and verification. Also, the data set forth is for the concentrated finished product. All lab samples are for experimental purposes only and used at the customers discretion.