

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Auto Scrubber GRHD
Description: Neutral pH Liquid C
Product Code: NTA ASGRHD
Suggested Use: Soap for automatic floor cleaning machines
Restrictions on Use: None

Supplier: NuTech Specialties, Inc.
9811 South 6150 West
West Jordan , UT 84081
Telephone: 801-253-1000 (M-F) 8:00-5:00
Fax: 801-280-0307
Emergency Phone: 800-633-8253

2. HAZARDS IDENTIFICATION

Classification:

GHS Classification: Specific Target Organ Toxicity-Repeated Exposure- 2
Skin Irritation- 3
Eye Irritation- 2A

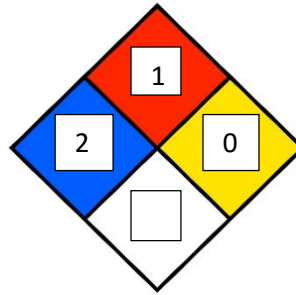
GHS Label Elements

Pictogram:



Signal Word: Warning
Hazard Statements: H313 May be harmful in contact with skin
H316 Causes mild skin irritation
H319 Causes serious eye irritation
Precautionary Statements: P302-352 If on skin: Wash with plenty of soap and water
P305,P351,P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

HMIS Classification:



NFPA Rating:

Health	2
Fire	1
Reactivity	0
Personal Protection	B

Potential Health Effects:

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS#	Concentration
Diethylene glycol monbutyl ether	112-34-5	5%
Alcohol alkoxyate		2-4%

Synonyms:

4. FIRST AID MEASURES

If Inhaled:	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
Skin Contact:	Flush skin with plenty of water. Remove contaminated clothing and shoes. If irritation persists, consult a physician.
Eye Contact:	Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if able to do so. Immediately call a doctor or physician.
If Ingested:	Do not induce vomiting unless instructed to do so by physician. Never give anything by mouth to an unconscious person. Rinse mouth with water. Call a poison center or physician if you feel unwell.

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5. FIREFIGHTING MEASURES

Extinguishing Media:	Use water-spray, alcohol resistant foam, dry chemical, or carbon dioxide
Hazardous Combustion Products:	Firefighting personnel should respond with appropriate protective clothing, firefighting gear, and breathing equipment as trained.
Special Protective Equipment for Firefighters:	In fire conditions: a complex mixture of airborne solids, liquids, and gases including Carbon Monoxide, Carbon Dioxide, and unidentified organic compounds.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions:	Use personal protective equipment. Always ensure adequate ventilation.
Environmental Precautions:	Prevent further leakage or spillage if safe to do so. Prevent from entering drains and waterways. Discharge into environment must be avoided.
Containment and Clean Up:	Soak up with inert absorbent material and dispose of. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

Safe Handling:	Keep away from flames and hot surfaces. Use personal protective equipment. Always ensure adequate ventilation.
Safe Storage:	Keep containers tightly closed in a dry well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store away from incompatible materials. Do not freeze.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Component	CAS Number	Exposure Limit	Basis
None established			

General Controls:	Always ensure adequate ventilation and that working areas contain safety showers and eye wash stations. Handle material in accordance with good industrial hygiene and safety practices.
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Personal Protective Equipment

Eye Protection:	Tightly fitting safety glasses or goggles should be sufficient. Have eye-wash stations available where eye contact can occur.
Hand Protection:	Handle with chemical resistant gloves. Gloves must be inspected prior to use. Wash and dry hands after use.
Skin Protection:	Wear long sleeves, a chemical apron, or other protective clothing to prevent skin contact. Safety showers should be located in work area where skin contact can occur.
Respiratory Protection:	Where risk assessment shows air-purifying respirators are appropriate, use a NIOSH-approved full face respirator with appropriate cartridges. Always ensure adequate ventilation.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Clear
Odor:	Characteristic
Odor Threshold:	N/A
pH:	5
Melting/Freezing Point:	Below 32° F
Boiling Point:	Above 212° F
Flash Point:	Above 200° F
Evaporation Rate:	N/A
Flammability (Solid, Gas):	N/A
Flammability/Explosion Limits:	N/A
Vapor Pressure @ 20°C:	N/A
Vapor Density:	N/A
Specific Gravity:	.98
Density:	8.2# per gallon
Solubility in Water:	Complete
Partition Coefficient:	N/A
Auto Ignition Temperature:	N/A
Decomposition Temperature:	N/A
Viscosity @ 40°C:	N/A

10. STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions
Conditions and Materials to Avoid:	N/A
Hazardous Decomposition Products:	Oxides of carbon

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11. TOXICOLOGICAL INFORMATION

Acute Toxicity- May be harmful or fatal if swallowed

Potential Health Effects

Inhalation:	Mild irritation
Skin:	Mild irritation
Eyes:	Causes serious irritation
Ingestion:	Harmful if ingested
Signs and Symptoms of Exposure:	
Chronic Effects of Long Term Exposure:	May cause damage to organs through prolonged or repeated exposure
Carcinogenicity:	No data

12. ECOLOGICAL INFORMATION

Acute Ecotoxicity: No Data

Ecological Effects: Biodegradable

Persistence and Degradability:	No data
Bioaccumulation Potential:	No data
Mobility in Soil:	Mobile
Other Adverse Effects:	N/A

13. DISPOSAL CONSIDERATIONS

Disposal:	Material should be disposed in accordance with all local, state, and federal regulations. Regulations vary by region.
Contaminated Packaging:	Dispose of as unused product.

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14. TRANSPORT INFORMATION

DOT Information: Not regulated

Proper Shipping Name:

UN Number:

Hazard Class:

Packing Group:

Reportable Quantity (RQ):

Marine Pollutant:

Note:

15. REGULATORY INFORMATION

US Federal

SARA 302 Components: Diethylene glycol monbutyl ether

SARA 311/312 Hazards: Acute health, yes

SARA 313 Components: None

TSCA Inventory: Yes

European Union

EC Inventory: Listed or exempted

State Regulations

Utah Clean Air: Yes

California Prop 65: No

C.A.R.B.: Yes

16. OTHER INFORMATION

SDS Version: 1.0

Revision Date: 05/05/2015

Supersedes: New to GHS

Product: Auto Scrubber GRHD

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or the completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

NuTech Specialites, Inc.

Validated on: