

GC 202-D

National Fire Protection Association (NFPA)	Fire Hazard Health Reactivity 030	Hazardous Material Information System (HMIS)	<table><tr><td>Health</td><td>3</td></tr><tr><td>Fire Hazard</td><td>0</td></tr><tr><td>Reactivity</td><td>0</td></tr></table>	Health	3	Fire Hazard	0	Reactivity	0
Health	3								
Fire Hazard	0								
Reactivity	0								
Specific Hazard									
Protective Clothing		Emergency Overview	Blue. Liquid. See Section 9. DANGER. CORROSIVE. CAUSES EYE AND SKIN BURNS. HARMFUL OR FATAL IF SWALLOWED.						

Section 1. Chemical Product and Company Identification

Product Name	GC 202-D	Code	38055
Product Use	Industrial/Institutional: Cleaning product. This product is intended to be diluted prior to use.	PMS#	430486
MSDS#	126361001	Validation Date	12/8/2000
U.S. Headquarters Johnson Wax Professional 8310 16th Street Sturtevant, Wisconsin 53177-0902 Phone: (888) 352-2249 MSDS Internet Address: www.jwp.com	Print Date 1/11/2001 Supersedes 4/19/2000. In Case of Emergency (800) 851-7145		

Section 2. Composition and Information on Ingredients

Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Sodium Xylene Sulfonate	1300-72-7	1-5	Not available.	Not available.
Sodium Lauryl Sulfate	151-21-3	1-5	Not available.	ORAL (LD50): Acute: 1288 mg/kg [Rat]. DUST (LC50): Acute: >3900 mg/m ³ 1 hours [Rat].
Ammonium Hydroxide	1336-21-6	1-5	Not available.	ORAL (LD50): Acute: 350 mg/kg [Rat].
2-Butoxyethanol	111-76-2	10-30	TWA: 120 (mg/m ³) from OSHA (PEL) [United States] TWA: 97 (mg/m ³) from ACGIH (TLV) [United States]	ORAL (LD50): Acute: 3000 mg/kg [Male. Rat]. 506 mg/kg [Male. Rat]. DERMAL (LD50): Acute: 406 mg/kg [Male. Rabbit]. VAPOR (LC50): Acute: 450 ppm 4 hours [Female. Rat]. 486 ppm 4 hours [Male. Rat].
Water	7732-18-5	60-100	Not available.	Not applicable.

Section 3. Hazards Identification

Routes of Entry	Eye contact. Skin contact. Inhalation.
Potential Acute Health Effects	Eyes Corrosive. May cause permanent damage including blindness.
	Skin Corrosive. May cause permanent damage.
	Inhalation May cause irritation and corrosive effects to nose, throat and respiratory tract.
	Ingestion Corrosive. May cause burns to mouth, throat, and stomach.
Medical Conditions	Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may
Aggravated by Overexposure:	be more susceptible to irritating effects. Persons with pre-existing skin disorders may be more susceptible to irritating effects.
See Toxicological Information (section 11)	

Section 4. First Aid Measures

Eye Contact	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.
Skin Contact	Flush immediately with plenty of water for at least 15 minutes. Get medical attention immediately.
Inhalation	If breathing is difficult: Remove to fresh air. Get medical attention immediately.
Ingestion	Do not induce vomiting! Immediately drink 1-2 glasses of water or milk. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Section 5. Fire Fighting Measures

Flammability of the Product	None known.
Flash Points	None.
Products of Combustion	None known.
Fire Fighting Media and Instructions	Extinguish with water spray or carbon dioxide, dry chemical powder or appropriate foam. Normal fire fighting procedure may be used.
Protective Clothing (Fire)	Put on appropriate personal protective equipment (see Section 8.).
Special Remarks on Fire and Explosion Hazards	Corrosive material (See sections 8 and 10).

Section 6. Accidental Release Measures

Personal Precautions	Put on appropriate personal protective equipment (see Section 8.).
Environmental Precautions and Clean-up Methods	In the event of major spillage: Use appropriate containment to avoid environmental contamination. Sweep or scrape up material. Place in suitable clean, dry containers for disposal by approved methods. Use a water rinse for final clean-up.

Section 7. Handling and Storage

Handling	Avoid contact with eyes, skin, and clothing. Do not taste or swallow. Avoid breathing vapors or spray mists. Wash thoroughly after handling. Remove and wash contaminated clothing and footwear before re-use. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. FOR INDUSTRIAL USE ONLY.
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. Keep container tightly closed. KEEP OUT OF REACH OF CHILDREN.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.
Personal Protection	
Eyes	Chemical splash goggles.
Hands	Chemical resistant gloves. Includes: Neoprene gloves. Rubber gloves.
Respiratory	If mists/vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over exposure. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.
Feet	Protective footwear.
Body	If major exposure is possible, wear suitable protective clothing and footwear.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Odor	Ammoniacal.
Color	Blue.
pH	11.3 to 11.9 [Basic.]
Specific Gravity	1.0
Boiling/Condensation Point	>93°C (200°F)
Melting/Freezing Point	0°C (32°F)

Viscosity	<10 cP (Dynamic).
Solubility in water	Complete.

Section 10. Stability and Reactivity

Stability and Reactivity	The product is stable.
Conditions of Instability	None known.
Incompatibility with Various Substances	Do not mix with any other chemicals or products unless specified by label. Avoid mixing with: acids
Hazardous Decomposition Products	When exposed to fire: Produces normal products of combustion.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute toxicity	Corrosive.
Effects of Chronic Exposure	None known.
Other Toxic Effects	None known.

Section 12. Ecological Information

Not available.

Section 13. Disposal Considerations

Waste Information	Undiluted product is regulated under environmental and transportation laws as a corrosive waste. Dispose of according to all federal, state and local regulations.
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Section 14. Transport Information

DOT Classification

DOT Proper Shipping Name	Corrosive liquid, basic, inorganic, n.o.s. (Ammonium hydroxide)
DOT Class	Class 8: Corrosive material
UN/NA	UN3266
Packing Group	III
DOT Special Considerations	Limited Quantity

Section 15. Regulatory Information

Reporting in this section is based on ingredients disclosed in Section 2

US Regulations

Federal	Clean Water Act (CWA) 311: Ammonium Hydroxide CERCLA: Hazardous substances.: Ammonium Hydroxide, 2-Butoxyethanol
State	New Jersey spill list: Ammonium Hydroxide, 2-Butoxyethanol New Jersey: Ammonium Hydroxide, 2-Butoxyethanol New Jersey toxic catastrophe prevention act: Ammonium Hydroxide Massachusetts spill list: Ammonium Hydroxide, 2-Butoxyethanol Massachusetts RTK: Ammonium Hydroxide, 2-Butoxyethanol Pennsylvania RTK: Ammonium Hydroxide, 2-Butoxyethanol This product is not subject to the reporting requirements under California's Proposition 65.

Registered Product Information	Not applicable.
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Chemical Inventory Status	All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.
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Section 16. Other Information

**Other Special
Considerations**

Not available.

Version

1.01

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