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G-FORCE H2O2 Multi-Surface Cleaner

National Fire Protection Association (NFPA)	Fire Hazard	Hazardous Material Information System (HMIS)	Health	3
	Health		Reactivity	2
Specific Hazard			Reactivity	1
Protective Clothing	Emergency Overview	Clear. Liquid. See Section 9. DANGER. CORROSIVE. CAUSES EYE BURNS. HARMFUL OR FATAL IF SWALLOWED. CAUTION: Combustible liquid		

Section 1. Chemical Product and Company Identification	
Product Name	G-FORCE H2O2 Multi-Surface Cleaner
Product Use	Industrial/Institutional: Cleaning product.
MSDS#	F-00559002
U.S. Headquarters The Butcher Company 8310 16th Street Sturtevant, WI 53177-0902 General Information: 800-225-9475	Code: 3362568 & 3362550 & 3403745 PMS#: Not available. Validation Date: 7/7/2004 Print Date: 7/7/2004 Supersedes: 6/18/2004. In Case of Emergency: Emergency (24 hour) 800-228-5635 CHEMTREC (US/Canada) 800-424-9300 CHEMTREC (Int'l) +1-703-527-3887

Section 2. Composition and Information on Ingredients				
Ingredients	CAS #	% by Weight	Exposure Limits	LC50/LD50
Phosphoric Acid	7664-38-2	1-5	OSHA (United States). TWA: 1 mg/m ³ STEL: 3 mg/m ³ ACGIH (United States). TWA: 1 mg/m ³ STEL: 3 mg/m ³ ACGIH TLV (United States, 2003). Notes: STEL: 3 mg/m ³ 15 minute(s). TWA: 1 mg/m ³ 8 hour(s). OSHA PEL (United States, 1993). Notes: TWA: 1 mg/m ³ 8 hour(s) Not available.	ORAL (LD50): Acute: 1530 mg/kg [Rat]. DERMAL (LD50): Acute: 2740 mg/kg [Rabbit]. VAPOR (LC50): Acute: >850 mg/m ³ 1 hour(s) [Rat].
Ethoxylated Linear Alcohol	68439-45-2	1-5	OSHA (United States, 1993). TWA: 1.4 mg/m ³ ACGIH (United States). TWA: 1.4 mg/m ³ ACGIH TLV (United States, 2003). TWA: 1.4 mg/m ³ 8 hour(s). TWA: 1 ppm 8 hour(s). OSHA PEL (United States,	Not available. ORAL (LD50): Acute: 376 mg/kg [Rat]. 910 mg/kg [Rat]. 1518 mg/kg [Rat]. DERMAL (LD50): Acute: 4060 mg/kg [Rat]. VAPOR (LC50): Acute: 2000 mg/m ³ 4 hour(s) [Rat].
Hydrogen Peroxide	7722-84-1	1-5		

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Material Safety Data Sheet

Propylene Glycol N-Propyl Ether	1569-01-3	5-10	1993). Notes: TWA: 1.4 mg/m ³ 8 hour(s). TWA: 1 ppm 8 hour(s) Not available.	Not available.
Alkylbenzene sulphonic acid	68584-22-5	5-10	Not available.	Not available.
Water	7732-18-5	60-100	Not available.	Not available.

Section 3. Hazards Identification

Routes of Entry	Eye contact. Ingestion. Inhalation. Skin contact
Potential Acute Health Effects	<p><i>Eyes</i> Corrosive. May cause permanent damage including blindness.</p> <p><i>Skin</i> May be severely irritating to skin.</p> <p><i>Inhalation</i> May cause irritation and corrosive effects to nose, throat and respiratory tract.</p> <p><i>Ingestion</i> May cause abdominal discomfort, nausea, vomiting and diarrhea. May be irritating to mouth, throat and stomach.</p>
Medical Conditions Aggravated by Overexposure:	Persons with pre-existing skin disorders may be more susceptible to irritating effects. Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., 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.
Inhalation	If breathing is difficult: Remove to fresh air. Get medical attention immediately.
Ingestion	Immediately drink 1-2 glasses of water or milk. Get medical attention.

Section 5. Fire Fighting Measures

Flammability of the Product	COMBUSTIBLE.
Flash Points	Closed cup: 67.222°C (153°F).
Products of Combustion	None known.
Fire Fighting Media and Instructions	Use water spray to keep fire exposed containers cool. dry chemical, carbon dioxide.
Protective Clothing (Fire)	Put on appropriate personal protective equipment (see Section 8).
Special Remarks on Fire and Explosion Hazards	Material may burn in heat of fire. 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	Eliminate all ignition sources. In the event of major spillage: Use appropriate containment to avoid environmental contamination. Take up with sand or other non-combustible material. Place in suitable clean, dry containers for disposal by approved methods.

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. Use only in well-ventilated areas. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. Keep container tightly closed. Keep away from heat, sparks and flame. 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	
<i>Eyes</i>	Chemical splash goggles.
<i>Hands</i>	Chemical resistant gloves. Includes: Persons with pre-existing skin disorders may be more susceptible to irritating effects.
<i>Respiratory</i>	No special requirements under normal use conditions.
<i>Feet</i>	No special requirements under normal use conditions.
<i>Body</i>	If major exposure is possible, wear suitable protective clothing.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Odor	Citrus. (Slight.)
Color	Clear.
pH	1.0 [Acidic.]
Specific Gravity	1.038
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	Reactive with metals, acids.
Hazardous Decomposition Products	None known.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute toxicity	Acute oral toxicity (LD50) Estimated to be greater than 2000 mg/kg (rat)
Effects of Chronic Exposure	None known.
Other Toxic Effects	None known.

Section 12. Ecological Information

Not available.

Section 13. Disposal Considerations

Waste Information	No special precautions. Dispose of according to all federal, state and local applicable regulations.
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Section 14. Transport Information

DOT Classification	
DOT Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
TDG Classification	
TDG Proper Shipping Name	Please refer to the Bill of Lading/receiving documents for up to date shipping information.
TDG Class	

Section 15. Regulatory Information

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

US Regulations

Federal SARA 302/304/311/312 extremely hazardous substances: Hydrogen Peroxide
 SARA 302/304 emergency planning and notification: Hydrogen Peroxide
 SARA 302/304/311/312 hazardous chemicals: Phosphoric Acid, Hydrogen Peroxide
 SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Phosphoric Acid, Hydrogen Peroxide
 Clean Water Act (CWA) 311: Phosphoric Acid
 CERCLA: Hazardous substances.: Phosphoric Acid

State New Jersey spill list: Phosphoric Acid, Hydrogen Peroxide
 New Jersey: Phosphoric Acid, Hydrogen Peroxide
 Massachusetts spill list: Phosphoric Acid, Hydrogen Peroxide
 Massachusetts RTK: Phosphoric Acid, Hydrogen Peroxide
 Pennsylvania RTK: Phosphoric Acid, Hydrogen Peroxide

This product is not subject to the reporting requirements under California's Proposition 65.

Registered Product Information Not applicable.

Canadian Regulations

Canadian NPRI Canadian NPRI: Phosphoric Acid.

WHMIS Classification Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).
 Class D-2B: Material causing other toxic effects (TOXIC).

WHMIS Icon



Registered Product Information Not applicable.

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.

Section 16. Other Information

Other Special Considerations Not available.

Version 1.03

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