



G-FORCE ALL-PURPOSE & GLASS CLEANER CONCENTRATE

National Fire Protection Association (NFPA)	Fire Hazard	Hazardous Material Information System (HMIS)	Health	2
	Health		0	Fire Hazard
	Reactivity		Reactivity	0
Specific Hazard				
Protective Clothing		Emergency Overview	Green. Liquid. See Section 9. WARNING: CAUSES EYE IRRITATION. May be mildly irritating to skin.	

Section 1. Chemical Product and Company Identification	
Product Name	G-FORCE ALL-PURPOSE & GLASS CLEANER CONCENTRATE
Product Use	Industrial/Institutional: Cleaning product. This product is intended to be diluted prior to use.
MSDS#	F-00164002
U.S. Headquarters	The Butcher Company 8310 16th Street Sturtevant, WI 53177-0902 General Information: 800-225-9475
Code	3145555 & 4410150 & 4410340 & 4410110
PMS#	3164967
Validation Date	9/10/2003
Print Date	9/10/2003
Supersedes	8/12/2003.
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
1-Butoxypropanol	5131-66-8	1-5	Not available.	ORAL (LD50): Acute: 5660 mg/kg [Rat]. DERMAL (LD50): Acute: 3100 mg/kg [Rabbit].
Disodium Cocamphodipropionate	68604-71-7	1-5	Not available.	Not available.
Alcohol Ethoxylates	68439-46-3	5-10	Not available.	ORAL (LD50): Acute: 1378 mg/kg [Rat]. DERMAL (LD50): Acute: >2000 mg/kg [Rabbit].
Water	7732-18-5	60-100	Not available.	Not available.

Section 3. Hazards Identification	
Routes of Entry	Eye contact. Skin contact Inhalation.
Potential Acute Health Effects	<p><i>Eyes</i> May be severely irritating to eyes.</p> <p><i>Skin</i> May be mildly irritating to skin.</p> <p><i>Inhalation</i> None known.</p> <p><i>Ingestion</i> None known.</p>
Medical Conditions Aggravated by Overexposure:	Persons with pre-existing skin disorders may be more susceptible to irritating effects.
See Toxicological Information (section 11)	



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Section 4. First Aid Measures

Eye Contact	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.
Skin Contact	Flush immediately with plenty of water. Get medical attention if irritation occurs.
Inhalation	No specific first aid measures are required.
Ingestion	No specific first aid measures are required.

Section 5. Fire Fighting Measures

Flammability of the Product	None known.
Flash Points	Closed cup: >93.333°C (200°F).
Products of Combustion	None known.
Fire Fighting Media and Instructions	Use water spray to keep fire exposed containers cool. dry chemical, carbon dioxide.
Special Remarks on Fire and Explosion Hazards	None known.

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. Wash thoroughly after handling. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.
Storage	Store in a dry, cool and well-ventilated area. Protect from freezing. KEEP OUT OF REACH OF CHILDREN.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	No special ventilation requirements. General room ventilation is adequate.
Personal Protection	
<i>Eyes</i>	Safety glasses with side shields.
<i>Hands</i>	Chemical resistant gloves. Includes: Neoprene gloves.
<i>Respiratory</i>	No special requirements under normal use conditions.
<i>Feet</i>	No special requirements under normal use conditions.
<i>Body</i>	No special protective clothing is required.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Liquid.
Odor	Sweetish. (Slight.)
Color	Green. (Dark.)
pH	9.1
Specific Gravity	1.007
Boiling/Condensation Point	100°C (212°F)
Melting/Freezing Point	0°C (32°F)
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	Not available.
Hazardous Decomposition Products	When exposed to fire: Produces normal products of combustion.
Hazardous Polymerization	Will not occur.

Section 11. Toxicological Information

Acute toxicity	ORAL (LD50) Estimated to be greater than 5000 mg/kg (rat). DERMAL (LD50) 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

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

Registered Product Information Not applicable.

Canadian Regulations

WHMIS Classification 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



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Section 16. Other Information

Other Special Considerations Not available.

Version 1.01

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