



## G-FORCE ALL-PURPOSE & GLASS CLEANER CONCENTRATE

### MATERIAL SAFETY DATA SHEET

Version Number: 1

Preparation date: 2006-05-18

#### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** G-FORCE ALL-PURPOSE & GLASS CLEANER CONCENTRATE  
**MSDS #:** F-00164002  
**Product code:** 4410110, 4410150, 4410340, 3145555  
**Recommended use:** Cleaning product. This product is intended to be diluted prior to use.

**Manufacturer, importer, supplier:**

US Headquarters The Butcher Company 8310 16th St. Sturtevant, Wisconsin 53177-0902 Phone: 1-800-225-9475 MSDS Internet Address: www.thebutchercompany.com	Canadian Headquarters JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131
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**Emergency telephone number:** 1-800-228-5635 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

#### 2. HAZARDS IDENTIFICATION

##### EMERGENCY OVERVIEW

- WARNING
- CAUSES EYE IRRITATION
- MAY BE MILDLY IRRITATING TO SKIN

<b>Principle routes of exposure:</b>	Eye contact. Skin contact. Inhalation. Ingestion.
<b>Eye contact:</b>	Severe eye irritation.
<b>Skin contact:</b>	May be mildly irritating to skin.
<b>Inhalation:</b>	May be irritating to nose, throat, and respiratory tract.
<b>Ingestion:</b>	May cause irritation to mouth, throat and stomach.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

##### HAZARDOUS COMPONENTS

Ingredient(s)	CAS #	Weight %
Alcohol ethoxylates	68439-46-3	5 - 10%

#### 4. FIRST AID MEASURES

<b>Eye contact:</b>	Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.
<b>Skin contact:</b>	Flush immediately with plenty of water. If irritation develops get medical attention.
<b>Inhalation:</b>	If breathing is affected, remove to fresh air. Get medical attention.
<b>Ingestion:</b>	Give a cupful of water or milk. THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.
<b>Aggravated Medical Conditions:</b>	None known.

#### 5. FIRE-FIGHTING MEASURES

##### Suitable extinguishing media:

The product is not flammable. Extinguish fire using agent suitable for surrounding fire.

**Extinguishing media which must not be used for safety reasons:**

None.

**Special protective equipment for firefighters:**

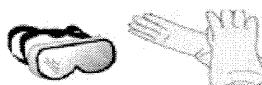
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**Specific hazards:** None known.**Unusual hazards:** None known**Specific methods:** No special methods required**NEPA****Health: 2****Flammability: 0****Instability: 0****6. ACCIDENTAL RELEASE MEASURES****Personal precautions:** Use personal protective equipment**Environmental precautions and clean-up methods:** Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.**7. HANDLING AND STORAGE****Handling:** Avoid contact with skin, eyes and clothing. Do not taste or swallow. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. 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 COMMERCIAL AND INDUSTRIAL USE ONLY.**Storage:** Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF THE REACH OF CHILDREN.**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Engineering measures to reduce exposure:**

No special ventilation requirements. General room ventilation is adequate.

**Personal Protective Equipment**

**Eye protection:** Chemical splash goggles.  
**Hand protection:** Chemical resistant gloves.  
**Skin and body protection:** No special protective clothing is required.  
**Respiratory protection:** No special protective clothing is required.  
**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice

**HMIS****Health 2****Fire Hazard 0****Reactivity 0****Personal protective equipment****9. PHYSICAL AND CHEMICAL PROPERTIES****Physical State:** Liquid**Color:** Green**pH:** 9.1**Specific gravity:** 1.007**Bulk density:** No information available**Evaporation Rate:** No information available**Solubility:** Soluble**Solubility in other solvents:** No information available**Partition coefficient (n-octanol/water):** No information available**Appearance:** Aqueous solution**Odor:** Solvent**Dilution pH:** No information available.**Density:** 8.4 lbs/gal**Vapor density:** No information available**Viscosity:** No information available**VOC:** 4.15% \*

<b>Boiling point/range:</b>	Not determined
<b>Melting point/range:</b>	Not determined

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Flash point:	>200 (°F) >93.3 (°C)
Decomposition temperature:	Not determined
Autoignition temperature:	No information available
Elemental Phosphorous:	0 %P

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

**10. STABILITY AND REACTIVITY**

Stability:	The product is stable.
Polymerization:	Hazardous polymerization does not occur.
Materials to avoid:	None known.
Conditions to avoid:	Do not freeze.
Hazardous decomposition products:	None reasonably foreseeable.

**11. TOXICOLOGICAL INFORMATION****HAZARDOUS COMPONENTS**

Ingredient(s)	LD50 Oral - Rat	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Alcohol ethoxylates	= 1378 mg/kg	> 2 g/kg	Not available

Acute toxicity	Oral LD50 estimated to be greater than 5000 mg/kg. Dermal LD50 estimated to be > 2000 mg/kg
Chronic toxicity:	None known

**Specific effects**

Carcinogenic effects:	None known
Mutagenic effects:	None known
Reproductive toxicity:	None known
Target organ effects:	None known

**12. ECOLOGICAL INFORMATION**

Environmental Information:	No data available
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**13. DISPOSAL CONSIDERATIONS**

Waste from residues / unused products:	Dispose of according to all federal, state and local applicable regulations
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**14. TRANSPORT INFORMATION**

DOT/TDG: Please refer to the Bill of Lading/receiving documents for up to date shipping information

**15. REGULATORY INFORMATION****International Inventories**

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDL).

**U.S. Regulations**

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

**STATE RIGHT TO KNOW**

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
Sodium citrate	6132-04-3	-	-	-	-
Alcohol ethoxylates	68439-46-3	-	-	-	-
1-butoxypropanol	5131-66-8	-	-	-	-
Disodium cocoamphodipropionate	68604-71-7	-	-	-	-

CERCLA/ SARA  
None

CAA HAP/CAA ODS/CWA Priority Pollutants: None

SARA 311/312 Hazard Categories

Immediate:	Y
Delayed:	N
Fire:	N
Reactivity:	N
Sudden Release of Pressure:	N

Canada

WHMIS hazard class: D2B Toxic materials .



**16. OTHER INFORMATION**

Reason for revision: Not applicable

Prepared by: NAPRAC

Additional advice: None

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