



## 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<br>The Butcher Company<br>8310 16th St.<br>Sturtevant, Wisconsin 53177-0902<br>Phone: 1-800-225-9475<br>MSDS Internet Address:<br>www.thebutchercompany.com | Canadian Headquarters<br>JohnsonDiversey - Canada, Inc.<br>2401 Bristol Circle<br>Oakville, Ontario L6H 6P1<br>Phone: 1-800-668-3131 |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|

**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

**13. DISPOSAL CONSIDERATIONS**

Waste from residues / unused products:  
 Dispose of according to all federal, state and local applicable regulations

**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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