

**MATERIAL SAFETY DATA SHEET**

Version Number: 2

Preparation date: 2009-06-22

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** G-Force H2O2 Multi-Surface Cleaner  
**MSDS #:** MS0400168  
**Product Code:** 4523651, 3362550, 3362568, 3403745  
**Recommended use:** Acid Cleaner. This product is intended to be diluted prior to use.

**Manufacturer, importer, supplier:**

US Headquarters  
The Butcher Company  
8310 16th St.  
Sturtevant, Wisconsin 53177-1964  
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

**Emergency telephone number:** 1-800-851-7145 (U.S.); 1-651-917-6133 (Int'l)

**2. HAZARDS IDENTIFICATION****EMERGENCY OVERVIEW**

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

**Principle routes of exposure:** Eye contact. Skin contact. Inhalation.  
**Eye contact:** Moderately irritating to the eyes.  
**Skin contact:** May be mildly irritating to skin.  
**Inhalation:** None known.  
**Ingestion:** May cause irritation to mouth, throat and stomach .

**3. COMPOSITION/INFORMATION ON INGREDIENTS****Hazardous ingredients**

Ingredient(s)	CAS #	Weight %
Dodecylbenzene sulfonic acid	68584-22-5	3 - 7%
Hydrogen peroxide	7722-84-1	3 - 7%

**4. FIRST AID MEASURES**

**Eye contact:** Flush immediately with plenty of water. If irritation persists, get medical attention.  
**Skin contact:** Flush immediately with plenty of water. If irritation develops, get medical attention.  
**Inhalation:** No specific first aid measures are required.  
**Ingestion:** If swallowed, give a cupful of water or milk.  
**Aggravated Medical Conditions:** 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:**  
No information available

**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:** Decomposition releases oxygen, which may intensify fire .

**Unusual hazards:** None known

**Specific methods:** No special methods required

**NFPA****Health: 2****Flammability: 0****Instability: 0****6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Not relevant for the product itself.

**Environmental precautions and clean-up methods:** Clean-up methods - large spillage. 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. Wash thoroughly after handling. Mix only with water . DO NOT MIX WITH AMMONIA, BLEACH, OR OTHER CHLORINATED COMPOUNDS . May react to release hazardous gases. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

**Storage:** Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. KEEP OUT OF 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:** No special requirements under normal use conditions.  
**Hand protection:** No special requirements under normal use conditions  
**Skin and body protection:** No special requirements under normal use conditions.  
**Respiratory protection:** No special requirements under normal use conditions.  
**Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice

Ingredient(s)	ACGIH	OSHA	Mexico
Hydrogen peroxide	1 ppm (TWA)	1 ppm (TWA) 1.4 mg/m <sup>3</sup> (TWA)	2 ppm (STEL) 3 mg/m <sup>3</sup> (STEL) 1.5 mg/m <sup>3</sup> (TWA) 1 ppm (TWA)

**HMS**                      **Health**    2                      **Fire Hazard**    0                      **Reactivity**    0

**Personal protective equipment**

None / Aucune / Ninguno

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Liquid

**Color:** Clear Clear

**pH:** 1.2

**Specific gravity:** 1.013

**Bulk density:** No information available

**Evaporation Rate** No information available

**Solubility:** Completely Soluble

**Solubility in other solvents:** No information available

**Partition coefficient (n-octanol/water):** No information available

**Appearance:** Aqueous solution

**Odor:** Citrus

**Dilution pH:** 2.5 @ 1:64

**Density:** 8.45 lbs/gal Kg/L

**Vapor density:** No information available

**Viscosity:** No information available

**VOC:** 8% \*

<b>Boiling point/range:</b>	Not determined
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**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Melting point/range:</b>	Not determined
<b>Flash point:</b>	>200°F >93.4°C
<b>Decomposition temperature:</b>	Not determined
<b>Autoignition temperature:</b>	No information available
<b>Elemental Phosphorus:</b>	0.00% by wt.

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

**10. STABILITY AND REACTIVITY**

<b>Stability:</b>	The product is stable
<b>Polymerization:</b>	Hazardous polymerization does not occur
<b>Materials to avoid:</b>	Ammonia. Bases . Do not mix with chlorinated products.
<b>Conditions to avoid:</b>	Do not freeze. Do not mix with any other product or chemical .
<b>Hazardous decomposition products:</b>	Oxy gen.

**11. TOXICOLOGICAL INFORMATION****Hazardous ingredients**

<b>Ingredient(s)</b>	<b>LD50 Oral - Rat (mg/kg)</b>	<b>LD50 Dermal - Rabbit</b>	<b>LC50 Inhalation - Rat</b>
Dodecylbenzene sulfonic acid	530	Not available	Not available
Hydrogen peroxide	801	=2000 mg/kg	2 mg/L (4 h)

**Acute toxicity:** Oral LD50 estimated to be between 4000 - 5000 mg/kg . Dermal LD50 estimated to be > 2000 mg/kg.  
**Chronic toxicity:** None known

**Specific effects**

<b>Carcinogenic effects:</b>	None known
<b>Mutagenic effects:</b>	None known
<b>Reproductive toxicity:</b>	None known
<b>Target organ effects:</b>	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/NDSL).

**U.S. Regulations**

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

**STATE RIGHT TO KNOW**

<b>Ingredient(s)</b>	<b>CAS #</b>	<b>MARTK:</b>	<b>NJRTK:</b>	<b>PARTK:</b>	<b>RIRTK:</b>
Water	7732-18-5	-	-	-	-
Propylene glycol n-propyl ether	1569-01-3	-	X	-	-
Dodecylbenzene sulfonic acid	68584-22-5	-	-	-	-
Ethoxylated linear alcohol	68439-45-2	-	-	-	-

Hydrogen peroxide	7722-84-1	X	X	X	X
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**CERCLA/ SARA**

Ingredient(s)	Weight %	CERCLA/SARA RO (lbs)	Section 302 TPO (lbs)	Section 313
Hydrogen peroxide 7722-84-1	3 - 7%		1000	

**SARA 311/312 Hazard Categories**

<b>Immediate:</b>	x
<b>Delayed:</b>	-
<b>Fire:</b>	-
<b>Reactivity:</b>	-
<b>Sudden Release of Pressure:</b>	-

**Canada**

**WHMIS hazard class:** D2B Toxic materials.



Ingredient(s)	CAS #	NPRI
Propylene glycol n-propyl ether	1569-01-3	X

**16. OTHER INFORMATION**

**Reason for revision:** Not applicable

**Prepared by:** NAPRAC

**Additional advice:** Contains an added fragrance, see "Odor" heading in section 9 for specific description. When used through dispensing/autodose equipment, this product meets Green Seal's requirements for skin and eye irritation and acute toxicity at the as-used dilution.

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