G-Force H2O2 Multi-Surface Cleaner

MATERIAL SAFETY DATA SHEET

Version Number: 1

Preparation date: 2007-03-15

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: G-Force H2O2 Multi-Surface Cleaner
MSDS #: MS0400096
Product Code: 3362550, 3362568, 3403745, 4523651
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

Emergency telephone number: 1-800-228-5635 (Prostar); 1-651-917-6133 (Int'l Prostar); 01-800-710-3400 (México)

2. HAZARDS IDENTIFICATION

2.1 EMERGENCY OVERVIEW
- DANGER
- CORROSIVE TO EYES
- CAUSES EYE BURNS
- CAUSES SKIN IRRITATION
- HARMFUL OR FATAL IF SWALLOWED

Principle routes of exposure: Eye contact. Skin contact. Inhalation. Ingestion.
Eye contact: Corrosive. Causes permanent eye damage, including blindness.
Skin contact: Moderately irritating to the skin.
Inhalation: May cause irritation and corrosive effects to nose, throat and respiratory tract.
Ingestion: Corrosive. Causes burns to mouth, throat and stomach.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 HAZARDOUS COMPONENTS

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid</td>
<td>7664-38-2</td>
<td>1 - 5%</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>3 - 7%</td>
</tr>
</tbody>
</table>

4. FIRST AID MEASURES

Eye contact: Immediately flush eyes with running water for 15-20 minutes, keeping eyelids open. Get medical attention immediately.
Skin contact: Immediately flush with plenty of water. If irritation persists, get medical attention.
Inhalation: If breathing is affected, remove to fresh air. Get medical attention immediately.
Ingestion: If swallowed, rinse mouth. 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.
Aggravated Medical Conditions: Individuals with chronic respiratory disorders such as asthma, chronic bronchitis, emphysema, etc., may be more susceptible to irritating effects.

5. FIRE-FIGHTING MEASURES
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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: Corrosive material (See sections 8 and 10).

Specific methods: No special methods required

NFPA
Health: 3
Flammability: 0
Instability: 0

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Put on appropriate personal protective equipment (see Section 8.).

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.

7. HANDLING AND STORAGE

Handling: Avoid contact with skin, eyes and clothing. Do not taste or swallow. Avoid breathing vapors or mists. Use only with adequate ventilation. Remove and wash contaminated clothing and footwear before reuse. 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 REACH OF CHILDREN.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering measures to reduce exposure:
Good general ventilation should be sufficient to control airborne levels. Respiratory protection is not required if good ventilation is maintained.

Personal Protective Equipment
Eye protection: Chemical-splash goggles.
Hand protection: Chemical-resistant gloves.
Skin and body protection: If major exposure is possible, wear suitable protective clothing and footwear.
Respiratory protection: In case of insufficient ventilation wear suitable respiratory equipment. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Hygiene measures: Handle in accordance with good industrial hygiene and safety practice

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>ACGIH</th>
<th>OSHA</th>
<th>Mexico</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid</td>
<td>3 mg/m³ (STEL)</td>
<td>1 mg/m³ (TWA)</td>
<td>3 mg/m³ (STEL)</td>
</tr>
<tr>
<td></td>
<td>1 mg/m³ (TWA)</td>
<td></td>
<td>1 mg/m³ (TWA)</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>1 ppm (TWA)</td>
<td>1 ppm (TWA)</td>
<td>2 ppm (STEL)</td>
</tr>
<tr>
<td></td>
<td>1.4 mg/m³ (TWA)</td>
<td></td>
<td>3 mg/m³ (STEL)</td>
</tr>
</tbody>
</table>

HMIS
Health  3  Fire Hazard  0  Reactivity  0

Personal protective equipment
9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid
Color: Colourless
pH: 1.0
Specific gravity: 1.038
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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Aqueous solution</td>
</tr>
<tr>
<td>Odor</td>
<td>Citrus</td>
</tr>
<tr>
<td>Dilution pH</td>
<td>No information available</td>
</tr>
<tr>
<td>Density</td>
<td>8.65 lbs/gal</td>
</tr>
<tr>
<td>Vapor density</td>
<td>No information available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No information available</td>
</tr>
<tr>
<td>VOC</td>
<td>8.0%*</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling point/Range:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Melting point/Range:</td>
<td>Not determined</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt;200°F</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>&gt;93.3°C</td>
</tr>
<tr>
<td>Autoignition temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Elemental Phosphorus:</td>
<td>1.314 %</td>
</tr>
</tbody>
</table>

* - 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: Do not mix with chlorinated products.
Conditions to avoid: Do not freeze. Do not mix with any other product or chemical.
Hazardous decomposition products: Oxygen.

11. TOXICOLOGICAL INFORMATION

Hazardous Components

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>LD50 Oral - Rat</th>
<th>LD50 Dermal - Rabbit</th>
<th>LC50 Inhalation - Rat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphate acid</td>
<td>=1530 mg/kg</td>
<td>=2730 mg/kg</td>
<td>&gt;850 mg/m³ (1 h)</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>=801 mg/kg</td>
<td>=2000 mg/kg</td>
<td>=2 mg/l (4 h)</td>
</tr>
</tbody>
</table>

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:
  - 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/NDSL), Australia (AICS).

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

STATE RIGHT TO KNOW

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>CAS #</th>
<th>MARTK:</th>
<th>NJRTK:</th>
<th>PARTK:</th>
<th>RJRTK:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid</td>
<td>7664-38-2</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Dodecylbenzene sulfonic acid</td>
<td>68584-22-5</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>7722-84-1</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Propylene glycol n-propyl ether</td>
<td>1569-01-3</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Ethoxylated linear alcohol</td>
<td>68439-45-2</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

CERCLA/SARA

<table>
<thead>
<tr>
<th>Ingredient(s)</th>
<th>Weight %</th>
<th>CERCLA/SARA RQ (lbs)</th>
<th>Section 302 TPQ (lbs)</th>
<th>Section 313</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphoric acid</td>
<td>1 - 5%</td>
<td>5000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hydrogen peroxide</td>
<td>3 - 7%</td>
<td></td>
<td>10000</td>
<td></td>
</tr>
</tbody>
</table>

SARA 311/312 Hazard Categories
Immediate: x
Delayed: -
Fire: -
Reactivity: -
Sudden Release of Pressure: -

Canada
WHMIS hazard class: D2B Toxic materials.

<table>
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<th>Ingredient(s)</th>
<th>CAS #</th>
<th>NPRI</th>
</tr>
</thead>
<tbody>
<tr>
<td>Propylene glycol n-propyl ether</td>
<td>1569-01-3</td>
<td>X</td>
</tr>
</tbody>
</table>

16. OTHER INFORMATION

Reason for revision: Not applicable

Prepared by: NAPRAC

Additional advice: None

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