Lighthouse of Houston

MATERIAL SAFETY DATA SHEET

Section One  Product and Company Information
Product Name: JAWS 3421 Glass & Hard Surface Cleaner (BB2) RTU  Date: Aug. 9, 2010
Chemical Family: Alkaline  Application: Hard Surface Cleaner  CAS#: Mixture
Manufacturer: Canberra Corporation  Product Technical Information: 1-419-841-6616
3610 Holland-Sylvania Rd.  Medical/Handling Emergency: 1-419-841-6616
Toledo, Ohio 43615  Transportation Emergency: Chem. trec 1-800-424-9300

Section Two  Composition/Information on Ingredients
Component  Hazard  CAS#  OSHA PEL  ACGIH TLV
Water  7732-18-5  N/A  N/A
Coconut Polyglycoside  68515-73-1  N/A  N/A

Section Three  Hazards Identification
Statement of Hazards: Caution: May cause eye irritation
Primary Route of Exposure: Skin and eye contact are the principal routes of exposure to this product.
Eye Contact - Eye contact may cause irritation.
Ingestion - If swallowed, this product may cause irritation of mucosal linings of the mouth, throat, esophagus or stomach.
Carcinogenicity: IARC - No  NTP - No  OSHA - No  ACGIH - No

Section Four  First Aid Measures
Skin Contact: Remove contaminated shoes and clothing. Wash with soap and water. Wash contaminated clothing before reuse.
Eye Contact: Flush with water and remove contact lenses, if applicable. Then flush with running water for 15 minutes. Hold eyelids apart during flushing to ensure complete rinsing of entire surface of eye and lids with water. Get medical attention if irritation persists.
Medical Conditions Aggravated: No data is available that addresses medical conditions that are generally recognized as being aggravated by exposure to this product. Note to Physician: Treat exposed patients symptomatically.

Section Five  Fire Fighting Measures
Flash Point (Method): None  Flammable Limits: Not applicable.
Extinguishing Media: Use water spray, dry chemical, carbon dioxide or foam extinguishing agents unless contraindicated by surrounding environment.
Special Fire Fighting Procedures: Prevent human exposure to fire, smoke, fumes or products of combustion. Evacuate non-essential personnel from fire area. All ignition sources should be extinguished. Fire fighters should wear appropriate protective equipment, including self-contained breathing apparatus and impervious clothing. Keep containers cooled with water spray to prevent rupture from excess heat.
Fire and Explosion Hazards: No unusual fire or explosion hazards of this product are known.
Hazardous Products: Thermal decomposition of this product may generate oxides of carbon and nitrogen.

Section Six  Accidental Release Measures
Caution: If spilled, floors may be extremely slippery. Wear appropriate protective gear to avoid skin or eye contact. Dike and contain spill with inert material(sand, clay). Transfer liquid and solids to separate containers for recovery or proper disposal. Keep spill out of sewers and open bodies of water. After removal, flush area with water. Follow good industrial hygiene practices. Wash thoroughly after cleanup. If uncertain about proper disposal, contact your local waste disposal provider or the regional office of the Environmental Protection Agency for guidance.

Section Seven  Handling and Storage
Handling: Avoid contact with skin or eyes. Avoid breathing vapor, spray or mist. Use product only according to label directions. If unsure about safe use, contact your supervisor immediately. Wash with soap and water after handling. Storage: Store in original container in a cool, dry, well-ventilated area. Store away from food or feed. Containers should be kept tightly closed when not in use. Keep in an area inaccessible to small children.

Section Eight  Exposure Controls/Personal Protection
Personal Protective Equipment
Respirator: Respiratory protection is not expected to be necessary under normal conditions of use.
Gloves: Water impervious gloves are recommended for continuous use.  Eye Protection: Chemical resistant goggles are recommended.

Engineering Controls
Ventilation: In applications where sprays or mists may be generated, proper ventilation in accordance with good industrial hygiene should be provided.

Section Nine  Physical/Chemical Properties
Form  Liquid  pH  8.0-10.0  Color  Light Blue
Specific Gravity  1.000  Odor  Neutral  Solubility  Complete
Boiling Point  200-212° F  Freezing Point  32° F  Evaporation Rate  >Water
% VOC  < 0.01 (Excludes LVP material)

Section Ten  Stability and Reactivity
Stability: This product is stable at ambient temperatures and atmospheric pressures. It is not self-reactive and has a shelf life of at least one year under sealed conditions. Conditions to avoid are temperatures above 130° F or below 32° F. Do not mix with other chemicals. Hazardous conditions may arise from improper mixing of chemicals.

Hazardous Decomposition Products: Thermal decomposition may generate toxic materials such as oxides of carbon and nitrogen.

Dangerous Polymerization: Will not occur. Conditions to avoid: None

Dangerous Reactions: None known.
**Section Eleven **  
**Toxicology Information**

**Acute Toxicity:** Theoretical calculated weighted LD50 > 5000 mg/kg.

**Chronic Toxicity:** This product has not been evaluated for its chronic toxicology profile.

**Carcinogenicity:** This product does not contain a listed carcinogen from NTP, ACGIH or IARC.

**Irritation:** This product can be expected to be a skin and eye irritant. No skin sensitization data is currently available.

**Section Twelve **  
**Ecology Information**

**Ecotoxicity:** Readily biodegradable. Theoretical calculated aquatic toxicity > 100 mg/l.

**Section Thirteen  
Disposal Considerations**

**Waste Disposal:** Material that cannot be used according to label direction and is destined for disposal should be disposed of in accordance with all applicable regulations. Empty containers should be triple rinsed and offered for recycling or reconditioning, or disposed of in a sanitary landfill or for small containers (1 gallon or less), may be wrapped and discarded in trash. Waste generators are required to evaluate all waste material to determine if it is hazardous by characteristics or listing for compliance with RCRA and any local disposal procedures and regulations. NOTE: State and local regulations may be more stringent than Federal regulations.

**Section Fourteen Transport Information**

**DOT**
- Proper Shipping Name: Not Regulated
- Packing Group: N/A
- DOT Label: N/A
- Shipping Emergency Phone No.: CHEMTREC 1-800-424-9300

**Section Fifteen  
Regulatory Information**

**Toxic Substances Control Act (TSCA):** All of the components intentionally added to this product are listed on the U.S. EPA TSCA inventory.

**SARA Title III**
- Section 302: This product contains the following chemicals subject to SARA 302 reporting: None.
- Section 311/312: This product is classified as an “immediate (acute) health hazard”.
- Section 313: *Chemicals marked with an asterisk in Section Two are subject to the reporting requirements for Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40CFR Part 372. However, if this product is utilized for routine janitorial maintenance, it is exempted from this section, as stated in paragraph B.3.b Activity Exemptions of the Form R instructions.


**Canada Domestic Substance List:** All of the ingredients intentionally added to this product are listed on the DSL.

**Canada WHMIS:** Class D Division 2B

**NPCA Hazardous Material Identification System (HMIS Rating):**
- Health: 1
- Flammability: 0
- Reactivity: 0
- Personal Protective Equipment: B

**Pennsylvania/New Jersey/Massachusetts Right to Know**
See “Section Two Composition” for listing of hazardous and top five ingredients present in concentration greater than 1%.

**California Proposition 65** Components of this product present at a concentration that could require reporting under this statute are: None.

**Section Sixteen **  
**Other Information**

**Disclaimer:** No representation or warranty, either expressed or implied, of merchantability, fitness for a particular purpose, or of any other nature, is made with respect to information concerning the product referred to in this document. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, it is impossible to foresee every health effect or exposure risk incurred by the use of this product. All chemicals present unknown health hazards and should be used with caution. The information and recommendations contained herein are presented in good faith and are supplied pursuant to 29 CFR 1910.1200. The user should review this information in conjunction with their knowledge of the application intended to determine the suitability of this product for such purpose. In no event will the supplier be responsible for any damages of any nature whatsoever, resulting from the use, reliance upon, or the misuse of this information. Furthermore, it is the direct responsibility of the user to comply with all applicable Federal, State and local regulations governing the use and disposal of this material. **Prepared by:** Regulatory Affairs Dept./F3421-BB2rtu

**IN CASE OF EMERGENCY:**
CHEM-TEL 800-255-3924

BSSH-GS-07F-P0060
NSN-7930-00-664-6910 8 OZ Glass Cleaner
NSN-7930-01-326-8110 16 OZ Glass Cleaner
NSN-7930-00-901-2088 1-Gallon Anti-Fogging Glass Cleaner