## *Safety Data Sheet*

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

**Section 1 CHEMICAL PRODUCT SECTION**

***1.1 Identification:*** Product Name: Plastic & Glass Cleaner
Product Number: 8670
CAS# Mixture (see section 3)

***1.2 Product description:*** Foaming cleaner for glass and plastic
*Product type*: aerosol
*Application:* Industrial applications

***1.3 Manufacturer**:* ACL Incorporated
840 W 49th Place
Chicago, Il 60609
PH: (01) 847.981.9212 [U.S.A.]
FAX: (01) 847.981.9278 [U.S.A.]
*Email of responsible party for SDS:* marykay@aclstaticide.com

***1.4 Emergency telephone**:*
*US/Canada Emergency TEL:* INFOTRAC: (01) 800.535.5053 (day or night)
*International Emergency TEL:* INFOTRAC: 352.323.3500 (day or night)

**Section 2 HAZARDOUS IDENTIFICATION**

***2.1 Classification of the substance or mixture***
*Product definition:* Mixture
*Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS] & (US) OSHA HCS 2012:*

***GHS-US classification***
***PHYSICAL/CHEMICAL HAZARDS**:* Pressurized container – Category 3
***HUMAN HEALTH HAZARDS:*** Not classified
***ENVIRONMENTAL HAZARDS:*** Not classified

See Section 11 for more detailed information on health effects and symptoms.

***2.2 Label elements***

*Hazard pictograms:* Not required

*Signal Word:* Warning

*Hazard statements**:*** Pressurized container; may burst when heated (H229)

*Precautionary statements*
*General*: P101: If medical advice is needed, have container or label at hand
P102: Keep out of reach of children
P103: Read label before use

*Prevention:* P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P251: Do not pierce or burn, even after use.

*Response:* No precautionary statements

*Storage* Protect from sunlight. Do not expose to temperatures exceeding 50°C / 122°F. (P410 + P412)

*Disposal* No precautionary statements

***2.3 Other Hazard:*** Causes mild skin irritation. May cause slight eye irritation. Prolonged or repeated contact may dry skin and cause irritation. Harmful to aquatic life with long lasting effects. Use of alcoholic beverages may enhance toxic effects.

## Section 3 COMPOSITION / INFORMATION ON INGREDIENTS

***3.1 Substances****:* Mixture

| CHEMICAL | CAS | RISK CLASSIFICATION | Weight % |
|---|---|---|---|
| Water | 7732-18-5 | Not classified | Balance |
| Sodium Xylenesulfonate | 1300-72-7 | Eye irritation (Cat 2A) H319 | 1 -5 |
| Alkyl Polyglucoside | 68515-73-1 | Skin irritation (Category 2), H315<br>Serious eye damage (Category 1), H318 | 1 – 5 |
| Sodium Lauryl Sulfate | 151-21-3 | Acute toxicity, Oral (Category 4), H302<br>Skin irritation (Category 2), H315<br>Serious eye damage (Category 1), H318<br>Short-term (acute) aquatic hazard (Category 3), H402 Long-term (chronic) aquatic hazard (Category 3), H412 | 1 - 5 |
| Propane | 74-98-6 | Flammable gases (Cat 1), H220;<br>Gases under pressure (Liquefied gas), H280 Simple Asphyxiant, | <2 |
| Isobutane | 75-28-5 | Flammable gases (Cat 1), H220; | < 1 |
| n-Butane | 106-97-8 | Flammable gases (Cat 1), H220; | <1 |
| Fragrance | | Below reportable values | <<1 |

## Section 4 FIRST AID MEASURES

***4.1.1 General Information***

***4.1.2 Inhalation*** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, (trained personnel should) give oxygen.

***4.1.3 Skin***: In case of contact with liquefied gas, thaw frosted parts with lukewarm water.
Wash with soap and water.

***4.1.4 Eyes*:** Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician

***4.1.5 Ingestion***Do NOT induce vomiting. Drink plenty of water. If symptoms persist, call a physician.

***4.1.6 Self-protection of the first aider*:** No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

***4.2 Most important symptoms and effects, both acute and delayed*:**
Potential acute health effects No data available.
Over-exposure signs/symptoms No data available.

***4.3*: *Indication of any immediate medical attention and special treatment needed:*** No data available.

## Section 5 FIRE FIGHTING MEASURES

***5.1 Extinguishing Media:***
Dry chemical. Carbon dioxide (CO2).
***5.2 Specific hazards arising from substance or mixture***: Ruptured cylinders may rocket. Some may burn but none ignite readily.

Uniform Fire Code Aerosols: Level 1
Hazardous Combustion Products: carbon oxides
Explosion Data
Sensitivity to Mechanical Impact: No
Sensitivity to Static Discharge: No

***5.3 Advice from fire fighters*:** Move containers from fire area if you can do it without risk. Damaged cylinders should be handled only by specialists.

## Section 6 ACCIDENTAL RELEASE MEASURES

***6.1 Personal precautions, protective equipment and emergency procedures***
**Personal Precautions:** Use personal protective equipment as required
For non-emergency personnel: Stop leak if you can do it without risk.
For emergency responders: Ventilate the area.

***6.2 Environmental precautions*** Prevent entry into waterways, sewers, basements or confined areas.

***6.3 Methods and material or containment and cleaning up***
***6.3.1 For containment:*** If possible, turn leaking containers so that gas escapes rather than liquid. Allow substance to evaporate.
***6.3.2 For cleaning up:*** Do not direct water at spill or source of leak.
***6.3.3 Other information:*** Keep away from heat. Keep away from sources of ignition.
***6.4 Reference to other sections:*** For personal protection, see Section 8

## Section 7 HANDLING AND STORAGE

***7.1 Precautions for safe handling:***
Handle in accordance with good industrial hygiene and safety practice. Do not puncture or incinerate cans. Contents under pressure. Avoid breathing vapors or mists. Avoid contact with eyes.
***7.2 Conditions for safe storage including incompatibilities:***

Storage Conditions: Ambient (40° - 90° F) Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from sunlight.
Incompatible Materials: None known based on information supplied.

***7.3 Specific end use(s)***
Recommendations: To clean plastic and glass industrial surfaces
Industrial sector specific solutions: Unknown

## Section 8 EXPOSURE CONTROL / PERSONAL PROTECTION

***8.1 Control parameters***

| | OSHA PEL | | ACGIH TLV | | NIOSH IDLH | | |
|---|---|---|---|---|---|---|---|
| **Chemical Name** | **ppm** | **Mg/m$^3$** | **ppm** | **Mg/m$^3$** | **ppm** | **Mg/m$^3$** | **IDLH** |
| Butane | (vacated) | (vacated) | STEL: | | TWA | TWA | 2100 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 106-97-8 | TWA: 800 | TWA: 1900 | 1000 | | 800 | 1900 | ppm |
| Propane<br>74-98-6 | TWA :<br>1000 | TWA :<br>1800 | TWA :<br>1000 | TWA :<br>1800 | TWA<br>1000 | TWA<br>1800 | |
| | | | | | | | |

***Other Exposure Guidelines***: Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters.

***8.2 Exposure controls:*** Use good hygiene practices in handling this material.
***8.2.1 Appropriate engineering controls*** Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

***8.2.2 Personal protective equipment*** No respirator required in well ventilated areas. Use NIOSH approved respiratory protection when necessary. High airborne concentrations may necessitate the use of self-contained breathing apparatus (SCBA).
***8.2.2.1 Eye and face protection:*** No special protective equipment required.
***8.2.2.2 Skin protection*** No special protective equipment required.
***8.2.2.3 Respiratory protection*** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
***8.2.2.4 Thermal hazards :*** None

## Section 9 PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| Appearance | Aerosol can / Liquid foam spray |
| Odor | Fresh |
| pH | 7 |
| Melting point/freezing point | NE / NE |
| Initial boiling point and boiling range | NE |
| Flash point and method | NE |
| Evaporation rate | NE |
| Flammability (solid, gas, liquid) | NA |
| Upper/lower flammability or explosive limits | NE |
| Vapor pressure | NE |
| Vapor density (air=1) | NE |
| Relative density | NE |
| Solubility(ies). | Miscible |
| Partition coefficient: n-octanol/water | NE |
| Autoignition temperature | NA |
| Decomposition temperature | NE |
| Viscosity | NE |
| Volatile by weight | NE |
| VOC Content | 4 % |

## Section 10 STABILITY AND REACTIVITY

***10.1 Reactivity:*** Stable under recommended storage conditions
***10.2 Chemical stability*** Stable under recommended storage conditions
***10.3 Possibility of hazardous reactions:*** Under normal conditions of storage and use, will not occur
***10.4 Conditions to avoid:*** Keep away from heat, flames, and sparks.
***10.5 Incompatible materials:*** Unknown
***10.6 Hazardous decomposition products:*** Carbon oxides

## Section 11 TOXICOLOGY INFORMATION

***11.1 Information on toxicological effects***
**Acute toxicity** Product does not present an acute toxicity hazard based on known or supplied information

Likely routes of exposure
Inhalation: Specific test data for the substance or mixture is not available.
Eye contact: Specific test data for the substance or mixture is not available.
Skin contact: Specific test data for the substance or mixture is not available.
Ingestion: Specific test data for the substance or mixture is not available.

| Product/ingredient name | Oral LD50 | Dermal LD50 | Inhalation LC50 |
|---|---|---|---|
| Sodium Xylene Sulfonate (1300-72-7) | = 1000 mg/kg ( Rat ) | | |
| Alkyl Polyglucoside (68515-73-1) | > 5000 mg/kg ( Rat ) | | |
| Sodium Lauryl Sulfate (151-21-3) | = 1288 mg/kg ( Rat )<br>> 2000 mg/kg ( Rat )<br>= 1783 mg/kg ( Rat ) | = 2000 mg/kg (Rabbit) | > 3900 mg/kg3 ( Rat ) 1 h |
| Butane (106-97-8) | | | = 658 g/m3 ( Rat ) 4 h |
| Propane (74-96-8) | | | = 658 mg/L ( Rat ) 4 h |

**Conclusion/Summary:** Not available

**Irritation/Corrosion**
**Conclusion/Summary:** Not available

**Sensitization Conclusion/Summary:** Not available.
**Mutagenicity Conclusion/Summary:** Not available.
**Carcinogenicity** Not available.
**Reproductive toxicity Conclusion/Summary:** Not available.
**Teratogenicity Conclusion/Summary:** Not available.
**Specific target organ toxicity (single exposure)** Not available.

**Specific target organ toxicity (repeated exposure):** Not available.
**Aspiration hazard:** Not available.
**Information on the likely routes of exposure:** Not available.

**Delayed and immediate effects and also chronic effects from short and long term exposure**
**Short term exposure**
**Potential immediate effects:** Not available.
**Potential delayed effects:** Not available.
**Long term exposure**
**Potential immediate effects:** Not available.
**Potential delayed effects:** Not available.
**Potential chronic health effects:** Not available.
**Conclusion/Summary:** Not available.
**General:** No known significant effects or critical hazards.
**Carcinogenicity:** No known significant effects or critical hazards.
**Mutagenicity:** No known significant effects or critical hazards.
**Teratogenicity:** No known significant effects or critical hazards.
**Developmental effects:** No known significant effects or critical hazards.
**Fertility effects:** No known significant effects or critical hazards.
**Other information:** No known significant effects or critical hazards.

## Section 12 ECOLOGICAL INFORMATION

**12.1 Toxicity**

| Product/ingredient name | Algae/aquatic plants | Fish | Crustacea |
|---|---|---|---|
| Alkyl Polyglucoside (68515-73-1) | | 170: 96 h Danio rerio mg/L LC50 semi-static | |
| Sodium Lauryl Sulfate (151-21-3) | 3.59 - 15.6: 96 h Pseudokirchneriella Subcapitata mg/L EC50 static 30 - 100: 96 h Desmodesmus subspicatus mg/L EC50 117: 96 h Pseudokirchneriella subcapitata mg/L EC50 38: 96 h Desmodesmus subspicatus mg/L EC50 42: 96 h Desmodesmus subspicatus mg/L EC50 53: 72 h Desmodesmus subspicatus mg/L EC50 | 10.2 - 22.5: 96 h Pimephales promelas mg/L LC50 semistatic 10.8 - 16.6: 96 h Poecilia reticulata mg/L LC50 static 13.5 - 18.3: 96 h Poecilia reticulata mg/L LC50 semi-static 15 - 18.9: 96 h Pimephales promelas mg/L LC50 static 22.1 - 22.8: 96 h Pimephales promelas mg/L LC50 static 4.06 - 5.75: 96 h Lepomis macrochirus mg/L LC50 static 4.2 - 4.8: 96 h Lepomis macrochirus mg/L LC50 flow-through 4.3 - 8.5: 96 h Oncorhynchus mykiss mg/L LC50 static 5.8 - 7.5: 96 h Pimephales promelas mg/L LC50 static 6.2 - 9.6: 96 h Pimephales promelas mg/L LC50 8 - 12.5: 96 h Pimephales promelas mg/L LC50 static 9.9 - 20.1: 96 h Brachydanio rerio mg/L LC50 semi-static 1.31: 96 h Cyprinus carpio mg/L LC50 semi-static 4.2: 96 h Oncorhynchus mykiss mg/L LC50 4.5: 96 h Lepomis macrochirus mg/L LC50 4.62: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 7.97: 96 h Brachydanio rerio mg/L LC50 flow-through | 1.8: 48 h Daphnia magna mg/L EC50 |

**12.2 Persistence and degradability: Conclusion/Summary :** Not available.

**12.3 Bioaccumulative potential**

| Product/ingredient name | Partition coefficient |
|---|---|
| Sodium Lauryl Sulfate (151-21-3) | 1.6 |

**12.4 Mobility in soil**
**Soil/water partition coefficient ($K_{OC}$):** Not available. **Mobility:** Not available.
**12.5 Results of PBT and vPvB assessment:** Not available.
**12.6 Other adverse effects:** No known significant effects or critical hazards.

## Section 13 DISPOSAL CONSIDERATIONS

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).
**13.1 Waste treatment methods**

***13.1.1 Product / Packing Disposal***
Product
**Methods of disposal: Do not puncture, incinerate or compact aerosol can.** When contents are depleted continue to depress button until all gas is expelled.
**Hazardous waste:** As packaged and after use, it does not meet the criteria of a hazardous waste as defied under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261, since it has neither the characteristics of Subpart C nor is listed in Subpart D.

Contaminated Packaging
**Methods of disposal:** Dispose of as unused product. Waste packaging should be recycled.

***13.1.2 Waste treatment-relevant information:*** Incineration or landfill should only be considered when recycling is not feasible. Handle empty containers with care because residual vapours are flammable
***13.1.3 Sewage disposal-relevant information:*** Avoid release to the environment
***13.1.4 Other disposal recommendations:*** Federal, State, and Local laws governing disposal of material can differ. Ensure proper disposal compliance with proper authorities before disposal.

## Section 14 TRANSPORTATION INFORMATION

| | Proper Shipping Name | Hazard Class | UN number | NOTE |
|---|---|---|---|---|
| **US DOT** | AEROSOLS, non-flammable | 2.2 | UN1950 | Limited Quantity (Shipping Papers are not required for Limited Quantities unless transported by air or vessel –each package must be marked with the Limited Quantity Mark) |
| **US DOT Air** | AEROSOLS, non-flammable | 2.2 | UN1950 | Non-flammable Gas label required Limited Quantity: Y203 |
| **IATA** | AEROSOLS, non-flammable, | 2.2 | UN1950 | Non-flammable Gas label required Limited Quantity: Y203 |
| **IMDG** | AEROSOLS, non-flammable, | 2.2 | UN1950 | Limited Quantity |

## Section 15 REGULATORY INFORMATION

United States Federal Regulations: MSDS complies with the OSHA Hazard Communication Rule, 29 CFR 1910.1200.
SARA Superfund and Reauthorization Act of 1986 Title III sections 302, 311,312 and 313:
CERCLA/Superfund, 40 CFR 117, 302: no requirements

Section 302 – None

| CHEMICAL | CAS | % | Section 311 /312 |
|---|---|---|---|
| Sodium Xylenesulfonate | 1300-72-7 | 1 -5 | Acute Health Hazard |

Section 313 – List of Toxic Chemicals (40CFC 372): This product does not contain chemicals (at level of 1% or greater) which are found on the 313 list of Toxic Chemicals.

Toxic Substance Control Act (TSCA): **All substances are TSCA listed.**
Resource Conservation and Recovery Act (RCRA 40 CFR 261) Subpart C & D: Refer to Section 13
Federal Water Pollution Control Act, Clean Water Act, 40 CFR 401.15 (formerly section 307) 40 CFR 116 (formerly section 311): This product does not contain listed chemicals

**STATE REGULATIONS:**
This SDS contains specific health and safety data is applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.
California Proposition 65: This product does not contain substances on the prop 65 list.

| CHEMICAL | CAS | % | State Right-To-Know |
|---|---|---|---|
| Sodium Xylenesulfonate | 1300-72-7 | 1 -5 | PA, NJ |

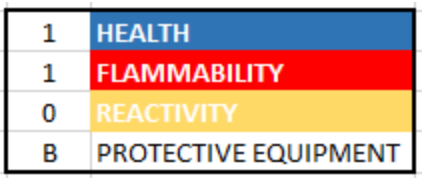
**INTERNATIONAL REGULATIONS:**
**Canada WHMIS**: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR. All substances are listed on the public Portion of the Domestic Substances List (DSL).

**REACH:** This product does not contain substances listed on the Substances of Very High Concern (SvHC).

## Sections 16 OTHER INFORMATION

HMIS HAZARD RATING:

HMIS Health: Slight Hazard. Irritation or minor reversible injury possible.
HMIS Flammability: Must be preheated for ignition to occur
HMIS Reactivity: Minimal Hazard. Stable
HMIS Personal Protection: B. Safety glasses and protective gloves should be worn when handling this material.




REVISION DATES, SECTIONS, REVISED BY:

| | |
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| 02-Oct-13 | Review, mkb |
| 10-Jan-14 | Change name and part #, mkb |
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| 12-Feb-18 | Section 2 updated GHS classifications, mkb |
| 14-MAR-22 | All sections revised, mkb |

ABBREVIATIONS USED IN THIS DOCUMENT:
NE – Not Established, NA – Not Applicable, NIF – No Information Found, ND – Not Determined

ABRIDGED LIST OF REFERENCES:
Code of Federal Regulations (CFR)
The Sigma-Aldrich Library of Regulatory and Safety Data
Chemical Guide and OSHA Hazardous Communication Standard
The Environmental Protection Agency (www.epa.gov)

http://oehha.ca.gov/prop65/prop65_list
http://orise.orau.gov/emi/hazards-assessment/files/resources/epa-title3.pdf

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