

# Material Safety Data Sheet

#41 GLASS CLEANER

## 1. Product and company identification

<b>Product name</b>	#41 GLASS CLEANER	<b>Validation date</b>	3/13/2009.
<b>Material uses</b>	Concentrated glass cleaner	<b>Print date</b>	3/27/2009.
<b>In case of emergency</b>	800-535-5053	<b>Responsible name</b>	Regulatory Affairs Department
<b>Supplier</b>	Sac Val Janitorial Sales and Service, Inc 2421 Del Monte Street W. Sacramento, CA 95691 Phone: 916-923-1476		

### Hazardous Material Information System (U.S.A.)

Health	1	<b>HAZARD RATING</b>
Flammability	0	4 = Extreme
Physical hazards	0	3 = High
Personal protection	B	2 = Moderate
		1 = Slight
		0 = Insignificant

A = Goggles B = Goggles & Gloves C = Goggles, Gloves & Apron

## 2. Hazards identification

**Emergency overview** CAUTION!  
MAY BE HARMFUL IF SWALLOWED.  
May be harmful if swallowed. Do not ingest. Avoid breathing vapor or mist. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

### Potential acute health effects due to overexposure

**Inhalation** No known significant effects or critical hazards.  
**Ingestion** Harmful if swallowed.  
**Skin** No known significant effects or critical hazards.  
**Eyes** No known significant effects or critical hazards.

### Potential chronic health effects due to overexposure

**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.

See toxicological information (section 8)

## 3. Composition/information on ingredients

<u>Name</u>	<u>CAS number</u>	<u>%</u>
Sodium laureth (n=>3) sulfate	9004-82-4	1 - 5

## 4. First aid measures

**Eye contact** Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

**Skin contact** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Clean shoes thoroughly before reuse.

**Inhalation** Move exposed person to fresh air. Loosen tight clothing such as a collar, tie, belt or waistband.

**Ingestion** Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

**Protection of first-aiders** No action shall be taken involving any personal risk or without suitable training. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.

**Notes to physician** No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

## 5. Fire-fighting measures

**Flammability of the product** In a fire or if heated, a pressure increase will occur and the container may burst.

**Extinguishing media**

**Suitable** Use an extinguishing agent suitable for the surrounding fire.

**Special exposure hazards** Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

## 5. Fire-fighting measures

**Hazardous thermal decomposition products** Decomposition products may include the following materials:

carbon dioxide  
carbon monoxide  
sulfur oxides  
metal oxide/oxides

**Special protective equipment for fire-fighters** Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## 6. Control and preventive measures

**Storage** Store in accordance with local regulations. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

### Personal protection

**Respiratory** Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary.

**Hands** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**Skin** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Eyes** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

### Methods for cleaning up

**Small spill** Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

**Waste disposal** Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

## 7. Physical and chemical properties

<b>Physical state</b>	Liquid	<b>Boiling/condensation point</b>	100°C (212°F)
<b>Color</b>	Blue [Dark](dye added)	<b>Melting/freezing point</b>	0°C (32°F)
<b>Odor</b>	Bland (No fragrance added)	<b>Vapor pressure</b>	<4 kPa (<30 mm Hg)
<b>VOC</b>	0%	<b>Vapor density</b>	<1 [Air = 1]
<b>pH</b>	10.5 to 11.5	<b>Weight per Gallon:</b>	8.42 lbs/gal
<b>1% pH:</b>	8.6	<b>Specific Gravity:</b>	1.01 gm/ml

## 8. Toxicological information

### Acute toxicity

<b>Product/ingredient name</b>	<b>Result</b>	<b>Species</b>	<b>Dose</b>	<b>Exposure</b>
Sodium laureth (n=>3) sulfate	LD50 Oral	Rat	1600 mg/kg	-

**Conclusion/Summary** Not available

### Chronic toxicity

**Conclusion/Summary** Not available

## 9. Transport information

<b>Regulatory information</b>	<b>UN number</b>	<b>Proper shipping name</b>	<b>Classes</b>	<b>PG*</b>	<b>Label</b>	<b>Additional information</b>
<b>DOT Classification</b>	Not regulated	-	-	-	-	-

PG\* : Packing group