

# Material Safety Data Sheet

## #41 Glass Advantage

### 1. Product and company identification

Product name	#41 Glass Advantage	In case of emergency	1-800-843-6174
Code	2741SC	Validation date	12/8/2009.
Material uses	Concentrated glass cleaner	Print date	12/14/2009.
Manufacturer	Essential Industries, Inc. P.O. Box 12 Merton, WI 53056-0012 Phone: 262-538-1122	Responsible name	Regulatory Affairs Department

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

Health	1	HAZARD RATING
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!
Potential acute health effects due to overexposure	
Inhalation	No known significant effects or critical hazards.
Ingestion	May be 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

Name	CAS number	%
Sodium lauryl ether 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. 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.
Hazardous thermal decomposition products	Decomposition products may include the following materials: carbon dioxide carbon monoxide sulfur oxides metal oxide/oxides

## 5. Fire-fighting measures

<b>Special protective equipment for fire-fighters</b>	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
<b>Flash point</b>	Closed cup: >93.3°C (>199.9°F)

## 6. Control and preventive measures

<b>Storage</b>	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

<b>Respiratory</b>	None required. However, use of adequate ventilation is good industrial practice.
<b>Hands</b>	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.
<b>Skin</b>	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.
<b>Eyes</b>	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

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

<b>Waste disposal</b>	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>	1.2%	<b>Vapor density</b>	<1 [Air = 1]
<b>pH</b>	10.5 to 11.5	<b>Use Dilution pH</b>	8.6

## 8. Toxicological information

### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Sodium lauryl ether sulfate	LD50 Oral	Rat	1600 mg/kg	-

<b>Conclusion/Summary</b>	Not available
---------------------------	---------------

### Chronic toxicity

<b>Conclusion/Summary</b>	Not available
---------------------------	---------------

## 9. Transport information

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

PG\* : Packing group