

1. PRODUCT AND COMPANY IDENTIFICATION

Manufacturer:

QVS, Inc.
238 Industrial Park Drive
Soddy Daisy, TN 37379 U.S.A.
Phone: (423) 332- 7195
FAX: (423) 332-9499

Health Emergency Phone Number:

(800) 752-7869 Illinois Poison Control Center

D.O.T. Emergency Phone Number:

(800) 424-9300 Chemtrec

Product Name(s): Bar Glass Low Suds Glass Cleaner

Intended Use: Bar glass cleaner for manual or electric brush use

Product Restrictions: Use in diluted form only. **FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY.**

Product Description: Bar glass cleaner

2. HAZARDS IDENTIFICATION

PRODUCT CLASSIFICATION (substance/mixture): SOLID POWDER

HAZARD STATEMENTS (Acute and Chronic): Eyes, Skin, Ingestion

CONCENTRATE: May cause eye, skin and intestinal irritation commonly associated with cleaners and detergents. No known effects in regards to inhalation.

Use Dilution: May cause eye, skin and intestinal irritation commonly associated with cleaners and detergents. No known effects in regards to inhalation.

PRECAUTIONARY STATEMENTS:

Do not get in eyes. Avoid prolonged contact on skin. Do not ingest. Always wear appropriate personal protection equipment (see section 8) and completely read the product label and the SDS before using, handling, or dispensing product. Wash hands thoroughly with soap and water after handling and before doing anything else. Keep away from food, feed and/or drinking water. **KEEP OUT OF REACH OF CHILDREN.** Do not expose powder to extreme temperatures or direct sunlight.

SIGNAL WORD:

CONCENTRATE: WARNING

Use Dilution: WARNING

ADDITIONAL WARNING LABEL (corrosive, flammable, etc.):

No additional warnings needed for either the concentrated or use dilution forms.

PICTOGRAM:

CONCENTRATE:  none

Use Dilution:  none

CONCENTRATE

USE DILUTION

HMIS RATING	
Health Hazard	2
Fire Hazard	0
Reactivity	0
Physical hazard	0
Special Hazard Warning	Irritant
Personal Protection	C
0 - none, 1 - slight, 2 - moderate, 3 - high, 4 - severe	

HMIS RATING	
Health Hazard	1
Fire Hazard	0
Reactivity	0
Physical hazard	0
Special Hazard Warning	Irritant
Personal Protection	X
0 - none, 1 - slight, 2 - moderate, 3 - high, 4 - severe	

PICTOGRAM(s) REFERENCE TABLE



Irritant
Skin Sensitizer
Acute (harmful) Toxicity
Respiratory Tract



Corrosive
Corrosive to metals
Skin Corrosion
Severe Eye damage



Respiratory Sensitizer
Carcinogen
Aspiration Hazard
Target Organ Toxicity
Reproductive Toxicity
Mutagenicity



Environmentally Toxic



Acute (severe) Toxicity



Flammable
Organic Peroxides
Self Reactives
Self Heating
Emits Flammable Gas
Pyrophoric



Oxidizers

3. COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS#	EINECS #	PERCENT (by weight)
Tetrasodium Salt of EDTA	64-02-8	200-573-9	10-30%
Sodium Sesquicarbonate	533-96-0	208-580-9	20-50%

COMMENTS: This mixture contains non-hazardous or small enough quantities as to meet paragraph (d) of 29 CFR§1910.1200 regulatory thresholds for disclosure. These components contain no substances or impurities which would influence the classification of this product.

4. FIRST AID MEASURES

INHALATION: Seek fresh air.

INGESTION: Call poison control. DO NOT induce vomiting and never give anything by mouth to an unconscious person. Rinse mouth and then drink two glasses of water.

SKIN CONTACT: Rinse skin immediately with plenty of water.

EYE CONTACT: Hold eye open and rinse slowly and gently with water for 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.

BOTH CONCENTRATE & USE DILUTION: **SEEK MEDICAL ATTENTION IF ANY SYMPTOMS DEVELOP OR PERSIST.** It is always best to either carry the product container, label and/or SDS when seeking medical attention. First aid listed is for both concentrated and use dilution forms unless stated otherwise. IN AN EMERGENCY, call 911. All SDS' are on file with the Illinois Poison Control Center (1-800-752-7869).

5. FIRE FIGHTING MEASURES

EXTINGUISHING METHOD: Water spray, carbon dioxide, foam or dry chemical as required.

FIREFIGHTING PRECAUTIONS: Wear appropriate protective equipment and follow normal procedures.

UNUSUAL FIRE, EXPLOSION, COMBUSTION HAZARDS: NK

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS / PROTECTIVE EQUIPMENT / EMERGENCY PROCEDURES: For both concentrate and use dilution, wear appropriate personal protection before handling. Keep unauthorized and non-protective personnel away and do not allow them to touch or walk through the spill.

SPILL CONTAINMENT / CLEANUP PROCEDURES: Confine as much as possible; sweep or scrape up material. Place in suitable, dry containers for proper disposal. Use a water rinse for final clean-up.

COMMENT: All spill containment and spill cleanup procedures must first be in accordance with federal, state, local, and environmental agencies applicable laws and regulations. Always check with local water treatment plant before pouring chemicals down a drain.

7. HANDLING AND STORAGE

HANDLING (concentrate & use dilution):

Always wear appropriate PPE (see section 8). Never allow product to come into contact with drinking water, food or feed. Wash hands thoroughly after handling, using, or dispensing product and before doing anything else. **KEEP OUT OF REACH OF CHILDREN.** Do not use product undiluted.

STORAGE (concentrate & use dilution):

Store in original, closed, container in a cool, dry area.

COMMENTS: Drums, totes, concentrate gallon, concentrate 2.5 gallon, concentrate quart and ready-to-use quart bottles are non refillable containers. Do not refill or reuse these containers. Always completely read the product label and the SDS before using, handling, or dispensing product. It is against federal law to use product inconsistent with its labeling.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS COMPONENT	CAS#	EINECS #	OSHA PEL (ppm)	ACGIH TLV (ppm)
Tetrasodium Salt of EDTA	64-02-8	200-573-9	NE	NE
Sodium Sesquicarbonate	533-96-0	208-580-9	NE	0.05mg/m ³

VENTILATION:

Use local exhaust ventilation.

RESPIRATORY:Concentrate: None required under normal conditions.Use Dilution: None required in recommended use of product; however, if bothersome, a face mask should be worn.**SKIN PROTECTION:**Concentrate: None required under normal conditions.Use Dilution: None required in recommended use of product; however, if bothersome, protective gloves for use with sensitive hands.**EYE PROTECTION:**Concentrate: None required under normal conditions.Use Dilution: None required under normal use conditions; however, safety goggles could be worn to protect eyes from splashes or spills.

OTHER PROCEDURES: Check with employer and attain appropriate personal protection equipment for the job especially if there is sensitivity to the product. If necessary, an eye wash station and/or emergency showers should be readily available (always check with State and County laws and regulations concerning PPE or wash stations). Practice safe workplace habits. Before using, handling, or dispensing product make sure to always wash hands thoroughly with soap and water and always completely read and follow directions on container and the SDS.

9. PHYSICAL AND CHEMICAL PROPERTIES

CONCENTRATE [use dilution]

Appearance:	White powder [clear liquid]	Flammable:	No
Odor:	Odorless	upper / lower limits:	NA
Odor threshold:	NE	Flash Point:	>200°F (93.4°C)
Solubility:	Complete	Auto-ignition Temp.:	NE
Boiling Point:	NA [212°F (100°C)]	Partition coefficient: (n-octanol/water)	NE
Melting Point:	NE	Decomposition Temp:	NE
Freezing Point:	NA [32°F (0°C)]	Vapor Density: (air = 1)	NE
Viscosity:	NA [Like water]	Vapor Pressure at 68°F:	NE
Relative Density:	NE	Evaporation Rate: (water = 1)	< 1
pH:	NE [8-10]	% Volatile (by weight)	0%

10. STABILITY AND REACTIVITY

STABILITY / HAZARDOUS DECOMPOSITION / HAZARDOUS DECOMPOSITION: product is stable and no hazardous decomposition nor polymerization will occur under normal conditions.

INCOMPATIBILITIES: NK.

11. TOXICOLOGICAL INFORMATION

ROUTES OF EXPOSURE: Ingestion, skin, eyes (commonly associated with cleaners and detergents).Concentrate: Irritating to eyes and skin.Use Dilution: Irritating to eyes and may be irritating to skin, if sensitive.**OTHER ADVERSE EFFECTS:** none known***CARCINOGENICITY:** (concentrate & dilution forms) IARC: no NTP: no OSHA: no**COMMENTS:** The information provided is based on analysis of like mixtures and information on the individual ingredients (fisher.sci.com)..

12. ECOLOGICAL INFORMATION ***ECOTOXICITY:** none known**PERSISTENCE & DEGRADABILITY:** none known**BIOACCUMULATIVE POTENTIAL:** none known**OTHER ADVERSE EFFECTS (including soil mobility):** none known**COMMENTS:** None of the ingredients used is considered a marine pollutant.**13. DISPOSAL CONSIDERATIONS*****CONTAINER(S):**

Disposal of packets and box must be in accordance with federal, state, local, and environmental agencies applicable laws and regulations.

WASTE:

Disposal of waste must be in accordance with federal, state, local, and environmental agencies applicable laws and regulations.

U.S. RCRA (Resource, Conservation & Recovery Act, 40 CFR 261): Not regulated**14. TRANSPORTATION INFORMATION*****BILL OF LADING INFORMATION (UN#, proper shipping name, hazard class, Packing Group#, ERG# and if applicable, Marine Pollutant):**

Cleaning Compound, not regulated as a hazardous material

MARINE POLLUTANT: No

Placard

COMMENTS: Transportation information provided is for reference only. Customer is urged to consult 49 CFR §100-177, IMDG, IATA, EC, UN TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials, methods of shipping, etc. Manufacturer is located in United States and not intended for export. If distributed outside USA, distributor assumes all responsibility for all documentation required for export.**D.O.T. PICTOGRAM(S) REFERENCE TABLE**

Corrosive



Marine Pollutant



Flammable Liquid



Flammable Solid



Combustibles



Oxidizer



Organic Peroxides



Acute Toxic (Poisons)

Inhalation
HazardMiscellaneous
Hazard**15. REGULATORY INFORMATION*****UNITED STATES OF AMERICA****TSCA (Toxic Substance Control Act):** All ingredients are on this list or are exempt.**CERCLA (Comprehensive Response Compensation and Liability Act 40 CFR 302.4):** None of the ingredients has a reportable quantity.**CWA (Clean Water Act):** None of the ingredients are listed as hazardous substances, priority pollutants or toxic pollutants.**CAA (Clean Air Act):** None of the ingredients contain any hazardous air pollutants.**SARA TITLE III (Superfund Amendments and Reauthorization Act):****302/304 (Extremely Hazardous Category, 40 CFR 370):** None known**311/312 (Hazard Category, 40 CFR 370):** None known**313** Toxic chemical (Reportable Ingredients, 40 CFR 372):** No ingredient above the minimum level is listed.**** NOTE:** indicates a toxic chemical subject to annual reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372. See Section 3 for CAS numbers and percent by weight.**CALIFORNIA PROP 65 (Safe drinking water and toxic Enforcement Act of 1865):** None of the ingredients are listed.**STATES WITH REGULATIONS OR EXCEPTIONS:** None of the ingredients are on any state RTK list.

16. OTHER INFORMATION

SDS prepared by: Joseph Wilson

Date Prepared: 05/19/15

Supersedes: 11/01/12

DISCLAIMER:**INDUSTRIAL AND INSTITUTIONAL USE ONLY**

The manufacturer makes no warranties, expressed or implied as to the accuracy, completeness, or adequacy of the information contained herein. Data and calculations have been assembled by the manufacturer based on its own studies, testing of mixtures per OSHA guidelines, and on the information furnished by the manufacturers and researchers of the components of the product as well as data from similar products. Users are advised to confirm, in advance of need, that information is current, applicable and suited to the circumstances of use. Manufacturer of this product assumes no responsibility for injury, nor liability (regardless of fault) of damages to the vendee, the vendee's employees, third persons, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information or even proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, manufacturer assumes no responsibility for injury and/or damage caused by use outside of what said product is intended for. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1. Manufacturer is located in United States and not intended for export. If distributed outside USA, distributor assumes all responsibility for all documentation including additional information needed on SDS that is required for export.

*Note: Since other Agencies regulate this information, OSHA will not be enforcing Sections 12 through 15 (29 CFR 1910.1200(g)(2)).

SAFETY DATA SHEET REFERENCE MATERIALS

ANSI = American National Standards Institute
 BOD = Biological Oxygen Demand
 CAS = Chemical Abstract Services
 COD = Chemical Oxygen Demand
 D.O.T. = Department of Transportation
 EC = European Council
he = High Efficiency
 HMIS = Hazardous Materials Identification System
 IARC = International Agency for Research on Cancer
 IATA = International Air Transport Association
 IMDG = International Maritime Dangerous Goods
 N = no
 N.A. = North America
 NA = Not applicable
 ND = Not determined
 NE = Not established
 NIOSH = National Institute for Occupational Safety and Health
 NK = None known
 NTP = National Toxicology Program
 OSHA = Occupational Safety and Hazard Administration.
 PEL = permissible exposure limits
 PPE = Personal Protection Equipment
 SDS = Safety Data Sheet
 TDG = Transportation of Dangerous Goods
 Temp = temperature
 TLV = threshold limit values
 UN = United Nation
 Wgt = weight
 WHMIS = Workplace Hazardous Materials Identification System
 Y = yes

PERSONAL PROTECTION EQUIPMENT REFERENCE TABLE

A	Safety Glasses	G	Safety Glasses, Gloves, Vapor Respirator
B	Safety Glasses, Gloves	H	Splash Goggles, Gloves, Apron, Vapor Respirator
C	Safety Glasses, Gloves, Apron	I	Safety Glasses, Gloves, Dust & Vapor Respirator
D	Face Shield, Gloves, Apron	J	Splash Goggles, Gloves, Apron, Dust & Vapor Respirator
E	Safety Glasses, Gloves, Dust Respirator	K	Air Line Hood & Mask, Gloves, Full Suit, Boots
F	Safety Glasses, Gloves, Apron, Dust Respirator	X	Ask your supervisor for guidance
NOTE: All PPE used and worn when handling any chemical product should be chemical resistant for the type of chemical component.			