

1 Identification**GHS Product Identifier**

Product Form: Aerosol
Trade Name: Fish Window Cleaning Glass Cleaner 19 oz
Product Number: 297979

Recommended use of the chemical and restriction on use

Glass Cleaner & Surface Cleaner

Supplier's details

Fish Window Cleaning Service
200 Enchanted Parkway
Manchester, MO 63021 USA

Tel.: 877-707-3474

Emergency phone number

CHEMTREC 24 Hour Emergency Response
USA & Canada 800-424-9300

2 Hazard(s) identification**Classification of the substance or mixture**

Gases under pressure; Compressed gas
Acute Toxicity - Oral Not classified
Acute Toxicity - Dermal Not classified

GHS label elements

Warning



Contains gas under pressure; may explode if heated

Do not pierce or burn, even after use.

Protect from sunlight. Store in a well-ventilated place.

Other hazards which do not result in classification

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.

Note: This product is a consumer product and is labeled in accordance with the US Consumer Product Safety Commission regulations which take precedence over OSHA Hazard Communication labeling. The actual container label will not include the label elements above. The labeling above applies to industrial/professional products.

3 Composition/information on ingredients

Description	CAS Number	EINECS Number	%	Note
sodium xylenesulfonate	1300-72-7		5	
Alkyl Polyglucoside	68515-73-1		5	
Sodium Lauryl Sulfate	151-21-3		5	
Water	7732-18-5		81.66	
	74-98-6		2	Petroleum Hydrocarbon
	75-28-5		0.54	Petroleum Hydrocarbon
	106-97-8		0.8	Petroleum Hydrocarbon
Fragrance	7777-77-7		0	Below reportable levels

4 First-aid measures

Description of necessary first-aid measures

Skin Contact:	Wash off immediately with plenty of water. Wash off immediately with plenty of water for at least 15 minutes. Wash off immediately with soap and plenty of water. If skin irritation persists, see a physician.
Eye Contact:	Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
Inhalation:	Remove to fresh air.
Ingestion:	Clean mouth with water and drink afterwards plenty of water.

Most important symptoms/effects, acute and delayed

Symptoms:	Any additional important symptoms and effects are described in Section 11: Toxicology Information.
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Indication of immediate medical attention and special treatment needed, if necessary

Notes to Physician:	Treat symptomatically.
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5 Fire-fighting measures

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media: Caution: Use of water spray when fighting fire may be inefficient.

Specific hazards arising from the chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact:	None.
Sensitivity to Static Discharge:	None.

Special protective actions for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Ensure adequate ventilation, especially in confined areas.

Environmental precautions

Do not allow into any storm sewer drains, lakes, streams, ponds, estuaries, oceans or other surface water bodies. Should not be released into the environment. Dispose of according to all local city, state and federal rules and regulations.

Methods and materials for containment and cleaning up

Methods for Containment: Prevent further leakage or spillage if safe to do so.

Methods for cleaning up: Pick up and transfer to properly labeled containers.

7 Handling and storage

Precautions for safe handling

Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin or any other sharp object into opening on top of can.

Conditions for safe storage, including any incompatibilities

Storage: Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Products: None known based on information supplied.

8 Exposure controls/personal protection

Control parameters

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Monoethanolamine 141-43-5	STEL: 6 ppm TWA: 3 ppm	TWA: 3 ppm TWA: 6 mg/m ³ (vacated) TWA: 3 ppm (vacated) TWA: 8 mg/m ³ (vacated) STEL: 6 ppm (vacated) STEL: 15 mg/m ³	IDLH: 30 ppm TWA: 3 ppm TWA: 8 mg/m ³ STEL: 6 ppm STEL: 15 mg/m ³
Butane 106-97-8	STEL: 1000ppm	(vacated) TWA: 800 ppm (vacated) TWA: 1900 mg/m ³	TWA: 800 ppm TWA: 1900 mg/m ³
Propane 74-98-6	TWA: 1000 ppm	TWA: 1000 ppm TWA: 1800 mg/m ³	IDLH: 2100 ppm TWA: 1000 ppm TWA: 1800 mg/m ³

Other Information: Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992)

Appropriate engineering controls

Showers; Eyewash stations; Ventilation systems

Individual protection measures

Eye/Face Protection: No special technical protective measures are necessary. Avoid contact with eyes.

Skin and Body Protection: No special technical protective measures are necessary. Wear protective

gloves and protective clothing if needed.

Respiratory Protection: If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice.

9 Physical and chemical properties

Physical and chemical properties

Physical State:	Liquid
Appearance:	Clear
Color:	Colorless
Odor:	Citrus
Odor Threshold:	No information available.
pH:	7 - 8
Specific Gravity:	1
Melting/Freezing Point:	No data available.
Flash Point:	No data available.
Boiling Point/Boiling Range:	No data available.
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability Limit in Air:	
Upper Flammability Limit:	No data available.
Lower Flammability Limit:	No data available.
Vapor Pressure:	No data available.
Vapor Density:	No data available.
Water Solubility:	Complete
Partition coefficient	
n-octanol/water:	No data available.
Autoignition Temperature:	No data available.
Decomposition Temperature:	No data available.
Density lbs/gal:	8.34
VOC Content (%):	0.01

10 Stability and reactivity

Reactivity

No data available

Chemical stability

Stable under recommended storage conditions.

Possibility of hazardous reactions

None under normal processing.

Conditions to avoid

Extremes of temperature and direct sunlight.

Incompatible materials

None known based on information supplied.

Hazardous decomposition products

None known based on information supplied.

11 Toxicological information

Toxicological (health) effects

Symptoms: No information available.

Information on the likely routes of exposure

Inhalation: No data available. Avoid breathing vapors or mists.

Eye contact: No data available. Avoid contact with eyes.

Skin contact: No data available. Prolonged or repeated contact may dry skin and cause irritation.

Ingestion: No data available. Not an expected route of exposure. Do not taste or swallow.

Delayed and immediate effects and also chronic effects from short and long term exposure

Sensitization: No Information available.

Germ cell mutagenicity: No Information available.

Carcinogenicity: No Information available.

Reproductive toxicity: No Information available.

STOT - single exposure: No Information available.

STOT - repeated exposure: No Information available.

Aspiration hazard: No Information available.

12 Ecological information

Toxicity

Ectotoxicity

Chemical 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	10.2 - 22.5: 96 h Pimephales promelas mg/L LC50 semi-static 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	1.8: 48 h Daphnia magna mg/L EC50

	subspicatus mg/L EC50	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	
Monoethanolamine (141-43-5)	15: 72 h Desmodesmus subspicatus mg/L EC50	114 - 196: 96 h Oncorhynchus mykiss mg/L LC50 static 300 - 1000: 96 h Lepomis macrochirus mg/L LC50 static 227: 96 h Pimephales promelas mg/L LC50 flow- through 3684: 96 h Brachydanio rerio mg/L LC50 static 200: 96 h Oncorhynchus mykiss mg/L LC50 flow- through	65: 48 h Daphnia magna mg/L EC50
Sodium Sulfate 7757-82-6	-	13500 - 14500: 96 h Pimephales promelas mg/L LC50 3040 - 4380: 96 h Lepomis	2564: 48 h Daphnia magna mg/L EC50

		macrochirus mg/L LC50 static 13500: 96 h Lepomis macrochirus mg/L LC50 6800: 96 h Pimephales promelas mg/L LC50 static	
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Persistence and degradability

No information available.

Bioaccumulative potential

No information available.

Other adverse effects

No information available.

13 Disposal considerations

Disposal methods

Disposal of wastes: Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging: Do not reuse container.

14 Transport information

UN Number

UN1950

UN Proper Shipping Name

Aerosols, non-flammable

Transport hazard class(es)

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15 Regulatory information

Safety, health and environmental regulations specific for the product in question

International Inventories

TSCA	Complies
DSL/NDSL	Complies

Legend: TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

US Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute health hazard No
 Chronic health hazard No
 Fire hazard No
 Sudden release of pressure hazard Yes
 Reactive hazard No

CWA (Clean Water Act)

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material.

State Regulations

California Proposition 65: This product is not subject to warning labeling under California Proposition 65.

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Monoethanolamine 141-43-5	X	X	X
Sodium Sulfate 7757-82-6	-	X	X

U.S. EPA Label Information

EPA Pesticide Registration Number: Not Applicable

16 Other information

Other information

NFPA

Health hazards 1
 Flammability 0
 Instability 0
 Physical and Chemical Properties -

HMIS Ratings

Health 1
 Flammability 0
 Physical Hazard 0
 Personal Protection X

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