

MATERIAL SAFETY DATA SHEET

RAIN-X GLASS CLEANER- EUROPE

1. PRODUCT AND COMPANY IDENTIFICATION

MSDS Number: 25954

Version Date: 01/16/03

Product Name: RAIN-X GLASS CLEANER- EUROPE

Product Use: Glass cleaner

Synonyms: NETTOYANT VITRES, GLASERINIGER, RUITENREINIGER, 82117200, 82118200

Company Information

Pennzoil-Quaker State (UK) Limited
Ducketts Wharf
South Street
Bishops Stortford, Hertfordshire CM23 3AR
United Kingdom

Phone Numbers

Medical Emergency: 713-546-6070 USA
Transportation Emergency (USA): 1-800-424-9300
Transportation Emergency (International):
1-703-527-3887 (Call Collect)
MSDS Assistance: 713-546-6227 USA
Fax On Demand: 713-546-6227 USA
Technical Assistance: +44-1279-710-400 UK
Customer Service: e-mail contact: EMA-
info@pzlqs.com
Fax Number: +44-1279-461-828
Internet Address: www.MSDS.PZLQS.com

2. COMPONENT INFORMATION

Component	CAS No.	Weight Percent Range	Hazardous in Blend
WATER	7732-18-5	80 - 90	No
ALUMINUM OXIDE	1344-28-1	1 - 10	No
SILICONE EMULSION	MIXTURE	1 - 10	No

Under normal conditions of use or in a foreseeable emergency, this product does not meet the definition of a hazardous chemical when evaluated according to the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Other: This product is not classified as dangerous, according to Directive 1999/45/EC or 67/546/EEC (See Section 15).

Component	EINECS NO	Percentage
Aluminum Oxide	215-691-1	1-10%

3. HAZARDS IDENTIFICATION

Emergency and Hazards Overview

CAUTION: MAY CAUSE EYE IRRITATION.

NFPA Ratings: Health 1 Flammability 0 Reactivity 0

Primary Route of Exposure: Skin X Inhalation Eye

Health Effect Information

Eye Contact: Avoid eye contact. This product has not been tested for acute eye hazards. May be irritating to the eyes upon direct contact.

Skin Contact: Single, short exposures, as expected with consumer use of this product, are expected to be practically non-irritating to the skin. Prolonged and repeated contact may result in skin irritation.

Inhalation: This product is not expected to pose an inhalation hazard under conditions of foreseeable use.

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Ingestion: This product is regarded as having a low order of toxicity. Because this product is very viscous, it is unlikely to cause lung damage when accidentally aspirated.

Medical Conditions Aggravated by Exposure: None expected.

Other: No information available

4. FIRST AID INFORMATION

Eye Contact: Immediately flush eyes with large amounts of water and continue flushing until irritation subsides. If irritation persists, seek medical attention.

Skin Contact: Remove contaminated clothing. Wash contaminated area thoroughly with soap and water. If redness or irritation occurs and persists, seek medical attention.

Inhalation: This material does not present any known inhalation hazard.

Ingestion: This material does not present any known ingestion hazard.

Notes to Physician: No information available

Other: No information available

5. FIRE AND EXPLOSION INFORMATION

Flammable Properties

Flash Point: >212 F, >100 C

Test Method: ASTM D-93 (P.M.C.C.)

Flammable Limits in Air

Upper Percent: No data available

Lower Percent: No data available

Autoignition Temperature: No data available

Test Method: No information available

NFPA Classification: Water-based product - not applicable

Extinguishing Media: This material is nonflammable.

Fire Fighting Measures

Special Fire Fighting Procedures and Equipment: This material is nonflammable.

Unusual Fire and Explosion Conditions: This material is nonflammable.

Hazardous Combustion By-Products: None

Other: No information available

6. ACCIDENTAL RELEASE MEASURES

Personnel Safeguards: None required

Regulatory Notifications: No notification required

Containment and Clean up: No special cleanup procedures are necessary.

Other: No information available

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7. HANDLING AND STORAGE INFORMATION

Handling: No special handling procedures are necessary.

Storage: No special storage requirements

Empty Container Warnings

Drums: Not applicable

Plastic: Do not reuse this container. Empty container may retain product residues.

Other: No information available

8. EXPOSURE CONTROLS / PERSONAL PROTECTION INFORMATION

Exposure Limits and Guidelines

Component	CAS No.	Exposure Limit
ALUMINUM OXIDE	1344-28-1	OSHA - PEL: TWA 15 mg/m ³ ACGIH - TLV: TWA 10 mg/m ³

Personal Protective Equipment

Eye/Face Protection: Eye protection is not required under conditions of normal use. If material is handled such that it could enter eyes, wear plastic face shield or splash-proof safety goggles.

Skin Protection: Skin protection is not required under conditions of normal use.

Respiratory Protection: Respiratory protection is not required under conditions of normal use.

Personal Hygiene: No special requirements

Engineering Controls / Work Practices

Ventilation: General room ventilation is normally sufficient.

Other: No information available

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Thick , white creamy	
Odor: Bland	Vapor Pressure: No data available
Physical state: Liquid	Vapor Density (air=1): No data available
pH: No data available	Percent Volatile by Volume: No data available
Boiling Point: No data available	Volatile Organic Content: No data available
Melting Point: No data available	Molecular Weight: No data available
Specific Gravity: 1.04 - 1.07	Average Carbon Number: No data available
Pour Point: No data available	Viscosity @ 100 F: No data available
	Viscosity @ 40 C: No data available
Solubility in Water: Soluble in water	
Octanol / Water Coefficient: Log K_{ow} = No data available	

10. STABILITY AND REACTIVITY INFORMATION

Chemical Stability: Stable

Conditions to Avoid: None

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Incompatible Materials to Avoid: Strong oxidizers, strong acids. Strong bases.

Other: No information available

11. TOXICOLOGICAL INFORMATION

Primary Eye Irritation: No information available

Primary Skin Irritation: No information available

Acute Dermal Toxicity: No information available

Subacute Dermal Toxicity: No information available

Dermal Sensitization: No information available

Inhalation Toxicity: No information available

Inhalation Sensitization: No information available

Oral Toxicity: No information available

Mutagenicity: No information available

Carcinogenicity: No information available

Reproductive and Developmental Toxicity: No information available

Teratogenicity: No information available

Immunotoxicity: No information available

Neurotoxicity: No information available

Other: No information available

12. ECOLOGICAL INFORMATION

Aquatic Toxicity: No information available

Terrestrial Toxicity: No information available

Chemical Fate and Transport: No information available

Other: No information available

13. DISPOSAL INFORMATION

Regulatory Information: Dispose of residual products and empty containers responsibly.

Waste Disposal Methods: Waste material may be landfilled or incinerated at an approved facility.

Other: No information available

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14. TRANSPORTATION INFORMATION

U.S. Department of Transportation (DOT)

Highway / Rail (Bulk): Not Regulated

Highway / Rail (Non-Bulk): Not Regulated

The DOT description is provided to assist in the proper shipping classification of this product and may not be suitable for all shipping descriptions.

International Information

Vessel: IMDG Regulated: _____ IMDG Not Regulated: X

Air: ICAO Regulated: _____ ICAO Not Regulated: X

Other: No information available

15. Regulatory Information

Regulatory Lists Searched: The components listed in Section 2 of this MSDS were compared to substances that appear on the following regulatory lists. Each list is numerically identified. See Regulatory Search Results below.

Health & Safety: 10 - IARC carcinogen, 11 - NTP carcinogen, 12 - OSHA carcinogen, 15 - ACGIH TLV, 16 - OSHA PEL, 17 - NIOSH exposure limit, 20 - US DOT Appendix A, Hazardous substances, 22 - FDA 21 CFR Total food additives, 23 - NFPA 49 or 325

Environmental: 30 - CAA 1990 Hazardous air pollutants, 31 - CAA Ozone depleters, 33 - CAA HON rule, 34 - CAA Toxic substance for accidental release prevention, 35 - CAA Volatile organic compounds (VOC's) in SOCOMI, 41 - CERCLA / SARA Section 302 extremely hazardous substances, 42 - CERCLA / SARA Section 313 emissions reporting, 43 - CWA Hazardous substances, 44 - CWA Priority pollutants, 45 - CWA Toxic pollutants, 46 - EPA Proposed test rule for hazardous air pollutants, 47 - RCRA Basis for listing - Appendix VII, 48 - RCRA waste, 49 - SDWA - (S)MCLs

International: 50 - Canada - WHMIS Classification of substance, 54 - Mexico - Drinking water - ecological criteria, 55 - Mexico - Wastewater discharges, 56 - US -TSCA Section (12)(b) - export notification

State Lists: 60 - CA - Proposition 65, 61 - FL - Substances, 62 - MI - Critical materials, 63 - MA - RTK, 64 - MA - Extraordinarily hazardous substances, 65 - MN - Hazardous substances, 66 - PA - RTK, 67 - NJ - RTK, 68 - NJ - Environmental hazardous substances, 69 - NJ - Special hazardous substances

Inventories: 80 - Canada - Domestic substances , 81 - European - EINECS, 82 - Japan - ENCS, 83 - Korea - Existing and evaluated chemical substances, 84 - US - TSCA , 85 - China Inventory

Regulatory Search Results:

ALUMINUM OXIDE: 15, 16, 42, 50, 63, 65, 66, 67, 68, 69, 80, 81, 82, 83, 84, 85

WATER: 80, 81, 83, 84, 85

U.S. TSCA Inventory: All components of this material are on the US TSCA Inventory.

SARA Section 313: Consumer products are not regulated under SARA, Title III, Section 313.

IARC: No information available

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SARA 311 / 312 Categories

Acute: ___ Chronic: ___ Fire: ___ Pressure: ___ Reactive: ___

Not Regulated: X

Canadian WHMIS Classification

No information available

European Union Classification

Hazard Symbols:

No classification recommended

Risk Phrases:

No classification recommended

Safety Phrases:

S2: Keep out of the reach of Children.

S25: Avoid contact with eyes.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Other: No information available

16. OTHER INFORMATION

Health and Environmental Label Language

Front Label:

CAUTION: MAY CAUSE EYE IRRITATION.

Read carefully other cautions on back.

Back Label:

CAUTION: Contains surfactants. PRECAUTIONARY MEASURES: Avoid contact with eyes.

FIRST AID: In case of eye contact, flush eyes thoroughly with water. If irritation persists, seek medical attention.

KEEP OUT OF REACH OF CHILDREN.

MSDS Revisions

Previous Version Date: Not applicable, this MSDS is the first version.

Previous Version Information

No information available

Other

No information available

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