

Trade Name: Relianox™ Liquid Detergent

1 Identification

1.1 Product identifier

Trade name: Relianox™ Liquid Detergent

Product Code: P3023

Application of the substance / the mixture: Cleaning Material / Detergent

1.2 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

SpecializedRx Products, LLC

3787 95th Ave NE Suite 100

Circle Pines, MN 55014 USA

www.specializedrx.com

sales@specializedrx.com

Information department:

Tel.: 1-888-512-1209

Fax: 1-612-424-8481

1.3 Emergency telephone number:

Emergency Telephone:

US: 1-888-512-1209

International: 1-888-512-1209

2 Hazard(s) identification

2.1 Classification of the substance or mixture

Not classified as hazardous material.

2.2 Label elements

Hazard pictograms Not applicable

Signal word Not applicable

Hazard statements Not applicable

Precautionary statements (GHS US) : Contains Ethanol 2%

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

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3 Composition/information on ingredients

3.1 Chemical Characterization: Mixture

Description: Mixture of the substances listed below with nonhazardous additions.

Dangerous components: Void

3.2 Chemical Information:

Chemical Name: Not applicable

Botanical Name: Not applicable

Synonym: Not applicable

Chemical Formula: Not applicable

CAS Number: Not applicable

Alternate CAS Number: Not applicable

Molecular Weight: Not applicable

3.3 Composition:

Chemical Name	CAS Number	% By Weight
Sodium Laureth Sulfate	9004-82-4	*Proprietary
Laramide DEA	120-40-1	*Proprietary
Sodium Dodecylbenzenesulfonate	25155-30-0	*Proprietary
Sodium Xylene Sulfonate	1300-72-7	*Proprietary

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as health hazards and hence require reporting in this section.

Notes: *Proprietary: Ingredients indicated as hazardous have been assessed under standards for workplace safety. In accordance with 29 CFR 1910.1200, the exact percentage composition of this mixture has been withheld as trade secret.

4 First-aid measures

4.1 Description of first aid measures

General information: No special measures required.

After inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

After skin contact: Wash skin with soap and water.

After eye contact: Rinse opened eye for 15 minutes under running water.

After swallowing: Rinse mouth, do not induce vomiting unless directed by medical personnel.

After Ingestion: If ingestion of a large amounts occurs, seek medical attention. Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

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5 Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing agents: Foam, carbon dioxide, dry chemical powder.

5.2 Special hazards arising from the substance or mixture

Isolate from oxidizers, heat and open flame.

5.3 Advice for firefighters

Protective equipment: In the event of fire, wear self-contained breathing apparatus.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Wear appropriate personal protective equipment.

6.2 Environmental precautions:

Avoid discharge into storm drains, water courses or onto the ground.

6.3 Methods and material for containment and cleaning up:

Absorb spill using vermiculite or other inert material; place in suitable container for disposal. Wash affected surfaces with soap and hot water; rinse with hot water.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Protective Action Criteria for Chemicals

No relevant information available.

7 Handling and storage

7.1 Precautions for safe handling: No special precautions are necessary if used correctly.

Keep ignition sources away – do not smoke.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: No special requirements.

Information about storage in one common storage facility: Not required.

Further information about storage conditions: Keep receptacle tightly sealed.

7.3 Specific end use(s): No further relevant information available.

8 Exposure controls/personal protection

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Additional information about design of technical systems: No further data; see item 7.

8.1 Control parameters

Components with limit values that require monitoring at the workplace:

There are no materials with critical values requiring monitoring in the workplace present in this product at relevant quantities.

Inhalation: May be irritating to the respiratory system.

Ingestion: Ingestion of large amounts may produce gastrointestinal disturbances.

Eye Contact: May cause irritation to eyes.

Skin Contact: May cause irritation to skin.

Other Effects: None likely.

8.2 Exposure controls

Personal protective equipment:

General protective and hygienic measures:

Wash hands before breaks and at the end of work.

Breathing equipment: Not required.

Protection of hands:

The glove material must be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation of the glove material by the substance.

Material of gloves:

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Penetration time of glove material

The exact break through time must be found out by the manufacturer of the protective gloves and must be observed.

Eye protection: Wear safety glasses

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form: Liquid

Color: Blue Green

Odor: Characteristic

pH-value: Neutral

Melting point/Melting range: Liquid at room temperature

Boiling point/Boiling range: Approx. 100C

Flash point: Not determined

Flammability (solid, gaseous): Not applicable.

Ignition temperature: Not determined

Decomposition temperature: Not determined.

Auto igniting: Not determined

Danger of explosion: Not determined

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Explosion limits:

Lower: Not determined

Upper: Not determined

Vapor pressure: Not determined

Density: at 20°C 1.025 g/cm³

Relative density: Not determined.

Vapor density: Not determined.

Evaporation rate: Not determined.

Solubility in / Miscibility with Water: Soluble

Partition coefficient (n-octanol/water): Not determined.

Viscosity: 175 CPS @25C

Dynamic: Not determined

Kinematic: Not determined.

Solvent content:

Organic solvents: 0.0 %

Water: 0.0 %

VOC content: 0.0 %

9.2 Other information: No further relevant information available.

10 Stability and reactivity

10.1 Reactivity: Stable under normal conditions, no hazardous reactions when kept from incompatibles.

10.2 Chemical stability: Stable under normal conditions, no hazardous reactions when kept from incompatibles.

10.3 Possibility of hazardous reactions: No special procedures

10.4 Conditions to avoid: No special procedures

10.5 Incompatible materials: No special procedures

10.6 Hazardous decomposition products: No dangerous decomposition products known.

11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity: No further relevant information.

12 Ecological information

12.1 Toxicity

Aquatic toxicity: Not expected to be harmful to aquatic organisms.

12.2 Persistence and degradability: No further relevant information available.

12.3 Bioaccumulative potential: No further relevant information available.

12.4 Mobility in soil: No further relevant information available.

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12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects: No further relevant information available.

13 Disposal considerations

13.1 Waste treatment methods

Dispose of material in accordance with local, State and Federal Regulations.

14 Transport information

14.1 Transport information:

Not regulated

15 Regulatory information

According to EU classification: Not dangerous, no special labels required.

GHS: No single word, pictograms, Hazard or safety phrase required.

USA: Not regulated, no special labeling required.

16 Other information

This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered to be dependable and is accurate to the best of the Company's knowledge. However, the information is provided without any representation or warranty, expressed or implied regarding its accuracy or correctness. The Company cannot assume responsibility for adverse events which may occur in the use and/or misuse of this product and expressly disclaims liability for loss, damage and/or expense arising out of or in any way connected with the handling, storage, use and/or disposal of this product.

Department issuing SDS:

SpecializedRx Products, LLC

Quality Assurance

Contact: sales@specializedrx.com

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Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

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DOT: US Department of Transportation
IATA: International Air Transport Association
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
OSHA: Occupational Safety & Health
TLV: Threshold Limit Value
PEL: Permissible Exposure Limit
REL: Recommended Exposure Limit