

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name

STAIN WASH OXY

Product Use

Laundry aids

Restrictions on Use

for professional use only.

Details of the supplier of the safety data sheet

Cole & Wilson, LLC

100 Laurel Street, Ste 120

East Bridgewater, MA 02333, USA

Phone: +1 281 231 2805

Website: www.coleandwilson.com

Emergency Phone #: Chemtrec: 1-800-424-9300

Section 2 - HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

Serious Eye Damage/Eye Irritation - Category 1

Hazardous to the Aquatic Environment - Acute - Category 3

GHS Label Elements

Symbol(s)



Signal Word

Danger

Hazard Statement(s)

Causes serious eye damage.

Harmful to aquatic life.

Precautionary Statement(s)

Prevention

Wear eye protection/face protection.

Avoid release to the environment.

Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

Immediately call a POISON CENTER or doctor.

Storage

None needed according to classification criteria.

Disposal

Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

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| CAS | Component Name | Percent |
|--------------|---|---------|
| 7722-84-1 | Hydrogen peroxide | 7.5 |
| 68891-38-3 | Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts | 4 |
| 68439-50-9 | Alcohols, C12-14, ethoxylated | 1 |
| Trade Secret | Proprietary acid | 0.5-1 |

Component Related Regulatory Information

The chemical identity and/or percentage of composition is being withheld as a trade secret.

Section 4 - FIRST AID MEASURES

Inhalation

If adverse effects occur, remove to uncontaminated area. Get immediate medical attention.

Skin

Wash skin with soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention, if needed.

Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor/.....

Ingestion

If a large amount is swallowed, get medical attention.

Most Important Symptoms/Effects

Acute

serious eye damage

Delayed

No information on significant adverse effects.

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media

The product itself does not burn. Foam, sand, carbon dioxide, water

Unsuitable Extinguishing Media

None known.

Special Hazards Arising from the Chemical

None known.

Hazardous Combustion Products

smoke, oxides of carbon, nitrogen oxides

Fire Fighting Measures

Move container from fire area if it can be done without risk. Cool containers with water spray until well after the fire is out. Stay away from the ends of tanks. Stay upwind and keep out of low areas.

Special Protective Equipment and Precautions for Firefighters

Wear personal protective clothing and equipment such as self-contained breathing apparatus (SCBA) for protection against possible exposure.

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Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Wear personal protective clothing and equipment, see Section 8.

Methods and Materials for Containment and Cleaning Up

Stop leak if possible without personal risk. Keep unnecessary people away, isolate hazard area and deny entry. Do not flush into sanitary sewer systems, drains or surface water.

Environmental Precautions

Avoid release to the environment.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling

Do not eat, drink or smoke when using this product. Avoid contact with eyes and skin. Do not breathe dusts or mists. Wash hands thoroughly after handling. Do not get in eyes, on skin, or on clothing. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection. Contaminated work clothing should not be allowed out of the workplace.

Conditions for Safe Storage, Including any Incompatibilities

None needed according to classification criteria.

Keep away from incompatible materials. Store in a tightly closed container. Store in a cool, dry area. Store between 5 C and 32 C.

Incompatible Materials

None known.

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

| | |
|-------------------|---|
| Hydrogen peroxide | 7722-84-1 |
| ACGIH: | 1 ppm TWA |
| NIOSH: | 1 ppm TWA ; 1.4 mg/m ³ TWA |
| | 75 ppm IDLH |
| OSHA (US): | 1 ppm TWA ; 1.4 mg/m ³ TWA |
| Mexico: | 1 ppm TWA LMPE-PPT ; 1.5 mg/m ³ TWA LMPE-PPT |
| | 2 ppm STEL [LMPE-CT] ; 3 mg/m ³ STEL [LMPE-CT] |

EU - Occupational Exposure (98/24/EC) - Binding Biological Limit Values and Health Surveillance Measures

There are no biological limit values for any of this product's components.

ACGIH - Threshold Limit Values - Biological Exposure Indices (BEI)

There are no biological limit values for any of this product's components.

Individual Protection Measures, such as Personal Protective Equipment

Eye/face protection

Wear safety glasses with side shields. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Skin Protection

Wear suitable protective clothing. Wear chemical resistant clothing to prevent skin contact.

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Respiratory Protection

Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode.

Glove Recommendations

Wear appropriate chemical resistant gloves.

Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-----------------------|---------------|--|---------------|
| Appearance | Not available | Physical State | liquid |
| Odor | Not available | Color | Not available |
| Odor Threshold | Not available | pH | 2.2 - 2.6 |
| Melting Point | Not available | Boiling Point | Not available |
| Freezing point | Not available | Evaporation Rate | Not available |
| Boiling Point Range | Not available | Flammability (solid, gas) | Not available |
| Autoignition | Not available | Flash Point | Not available |
| Lower Explosive Limit | Not available | Decomposition temperature | Not available |
| Upper Explosive Limit | Not available | Vapor Pressure | Not available |
| Vapor Density (air=1) | Not available | Specific Gravity (water=1) | Not available |
| Water Solubility | 100 % | Partition coefficient: n-octanol/water | Not available |
| Viscosity | Not available | Solubility (Other) | Not available |
| Density | 1.036 | Molecular Weight | Not available |

Section 10 - STABILITY AND REACTIVITY

Reactivity

No reactivity hazard is expected.

Chemical Stability

Stable under normal conditions.

Possibility of Hazardous Reactions

Will not occur.

Conditions to Avoid

Do not mix with other chemicals.

Incompatible Materials

None known.

Hazardous decomposition products

No additional information is available.

Section 11 - TOXICOLOGICAL INFORMATION

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Information on Likely Routes of Exposure

Inhalation

No information on significant adverse effects.

Skin Contact

No information on significant adverse effects.

Eye Contact

Causes serious eye damage.

Ingestion

No information on significant adverse effects.

Acute and Chronic Toxicity

Component Analysis - LD50/LC50

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Hydrogen peroxide (7722-84-1)

Oral LD50 Rat 1518 mg/kg

Dermal LD50 Rabbit 2000 mg/kg

Inhalation LC50 Rat 2 g/m³ 4 h

Proprietary acid (Trade Secret)

Oral LD50 Rat 2400 mg/kg

Dermal LD50 Rabbit >7940 mg/kg

Water (7732-18-5)

Oral LD50 Rat >90 mL/kg

Immediate Effects

serious eye damage

Delayed Effects

No information on significant adverse effects.

Irritation/Corrosivity Data

No animal testing data available for skin or eyes.

Respiratory Sensitization

No data available.

Dermal Sensitization

No data available.

Component Carcinogenicity

| | |
|--------------------------|--|
| Hydrogen peroxide | 7722-84-1 |
| ACGIH: | A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans |
| IARC: | Monograph 71 [1999] ; Supplement 7 [1987] ; Monograph 36 [1985] (Group 3 (not classifiable)) |
| DFG: | Category 4 (no significant contribution to human cancer) |

Germ Cell Mutagenicity

No data available.

Tumorigenic Data

No data available

Reproductive Toxicity

No data available.

Specific Target Organ Toxicity - Single Exposure

No target organs identified.

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Specific Target Organ Toxicity - Repeated Exposure

No target organs identified.

Aspiration hazard

No data available.

Medical Conditions Aggravated by Exposure

No data available.

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic life.

Component Analysis - Aquatic Toxicity

| | |
|--------------------------|---|
| Hydrogen peroxide | 7722-84-1 |
| Fish: | LC50 96 h Pimephales promelas 16.4 mg/L; LC50 96 h Lepomis macrochirus 18 - 56 mg/L [static]; LC50 96 h Oncorhynchus mykiss 10 - 32 mg/L [static] |
| Invertebrate: | EC50 48 h Daphnia magna 18 - 32 mg/L [Static] EPA |
| Proprietary acid | Trade Secret |
| Fish: | LC50 96 h Lepomis macrochirus 868 mg/L [static]; LC50 96 h Oncorhynchus mykiss 360 mg/L [static] |
| Invertebrate: | EC50 48 h Daphnia magna 527 mg/L IUCLID |

Persistence and Degradability

Readily biodegradable.

Bioaccumulative Potential

No information available for the product.

Mobility

No information available for the product.

Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 14 - TRANSPORT INFORMATION

US DOT Information:

Additional information: Not regulated as dangerous goods

IMDG Information:

Additional information: Not regulated as dangerous goods

TDG Information:

Additional information: Not regulated as dangerous goods

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Section 15 - REGULATORY INFORMATION

U.S. Federal Regulations

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan.

| | |
|-------------------|---------------------------------------|
| Hydrogen peroxide | 7722-84-1 |
| SARA 302: | 1000 lb TPQ concentration >52%) |
| OSHA (safety): | 7500 lb TQ (>=52% by weight) |
| SARA 304: | 1000 lb EPCRA RQ concentration >52%) |

SARA Section 311/312 (40 CFR 370 Subparts B and C)

Acute Health: Yes Chronic Health: No Fire: No Pressure: No Reactivity: No

U.S. State Regulations

The following components appear on one or more of the following state hazardous substances lists:

| Component | CAS | CA | MA | MN | NJ | PA |
|-------------------|-----------|-----|-----|-----|-----|-----|
| Hydrogen peroxide | 7722-84-1 | Yes | Yes | Yes | Yes | Yes |

Not listed under California Proposition 65

Component Analysis - Inventory

Hydrogen peroxide (7722-84-1)

| US | CA | EU | AU | PH | JP - ENCS | JP - ISHL | KR - KECI/KECL | KR - TCCA | CN | NZ | MX | TW |
|-----|-----|-----|-----|-----|-----------|-----------|----------------|-----------|-----|-----|-----|-----|
| Yes | DSL | EIN | Yes | Yes | Yes | No | Yes | No | Yes | Yes | Yes | Yes |

Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers, sodium salts (68891-38-3)

| US | CA | EU | AU | PH | JP - ENCS | JP - ISHL | KR - KECI/KECL | KR - TCCA | CN | NZ | MX | TW |
|-----|-----|----|-----|-----|-----------|-----------|----------------|-----------|-----|-----|----|-----|
| Yes | DSL | No | Yes | Yes | No | No | Yes | No | Yes | Yes | No | Yes |

Alcohols, C12-14, ethoxylated (68439-50-9)

| US | CA | EU | AU | PH | JP - ENCS | JP - ISHL | KR - KECI/KECL | KR - TCCA | CN | NZ | MX | TW |
|-----|-----|----|-----|-----|-----------|-----------|----------------|-----------|-----|-----|----|-----|
| Yes | DSL | No | Yes | Yes | No | No | Yes | No | Yes | Yes | No | Yes |

Proprietary acid (Trade Secret)

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| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----------|-----------|----------------|-----------|-----|-----|-----|-----|
| US | CA | EU | AU | PH | JP - ENCS | JP - ISHL | KR - KECI/KECL | KR - TCCA | CN | NZ | MX | TW |
| Yes | DSL | EIN | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes |

Water (7732-18-5)

| | | | | | | | | | | | | |
|-----|-----|-----|-----|-----|-----------|-----------|----------------|-----------|-----|-----|-----|-----|
| US | CA | EU | AU | PH | JP - ENCS | JP - ISHL | KR - KECI/KECL | KR - TCCA | CN | NZ | MX | TW |
| Yes | DSL | EIN | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes |

Section 16 - OTHER INFORMATION

NFPA Ratings

Health: 2 Fire: 0 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Summary of Changes

SDS update: revision in section 1

Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; ENCS - Japan Existing and New Chemical Substance Inventory, EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; ISHL - Japan Industrial Safety and Health Law, JP - Japan; Kow - Octanol/water partition coefficient; KECI - Korea Existing Chemicals Inventory, KECL - Korea Existing Chemicals List, KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH - Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TCCA - Korea Toxic Chemicals Control Act, TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

Other Information

Disclaimer:

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