

**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**

## Safety Data Sheet

Material Name: STAIN WASH OXY

SDS ID: SWO-002

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.

## Safety Data Sheet

Material Name: STAIN WASH OXY

SDS ID: SWO-002

### 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/m3 TWA
	75 ppm IDLH
OSHA (US):	1 ppm TWA ; 1.4 mg/m3 TWA
Mexico:	1 ppm TWA LMPE-PPT ; 1.5 mg/m3 TWA LMPE-PPT
	2 ppm STEL [LMPE-CT ] ; 3 mg/m3 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.

## Safety Data Sheet

Material Name: STAIN WASH OXY

SDS ID: SWO-002

### 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

## Safety Data Sheet

**Material Name: STAIN WASH OXY**

**SDS ID: SWO-002**

### 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/m<sup>3</sup> 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

<b>Hydrogen peroxide</b>	<b>7722-84-1</b>
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.

## Safety Data Sheet

Material Name: STAIN WASH OXY

SDS ID: SWO-002

**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**

<b>Hydrogen peroxide</b>	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
<b>Proprietary acid</b>	<b>Trade Secret</b>
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

## Safety Data Sheet

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SDS ID: SWO-002

### 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)

## Safety Data Sheet

Material Name: STAIN WASH OXY

SDS ID: SWO-002

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

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