

SAFETY DATA SHEETS

According to American OSHA Hazard Communication Standard 2012 (29 CFR 1910.1200)

Version: 1.0

Creation date: Oct. 29, 2025

SECTION 1: Identification

1.1 Product identifier

Vacmaster OXY Spot and Stain Formula

1.2 Other means of identification

Product number OXY 01, OXY 02, OXY 03, OXY 04, OXY 05, OXY 06, OXY 07, OXY 08, OXY 09

Other names -

1.3 Recommended use of the chemical and restrictions on use

Identified uses Fabric & carpet cleaning

Uses advised against no data available

1.4 Details of the supplier of the safety data sheet

Company: Suzhou Cleva Electric Appliance Co. Ltd.

Address: No.8 Ting Rong Street, Suzhou Industrial Park, Suzhou 215122, Jiangsu Province, China

Telephone: +86-512-82275786

email: info@cleva.biz

1.5 Emergency phone number

+86-512-82275786, 9am-5pm (Standard time zone: UTC/GMT +8 hours)

SECTION 2: Hazard(s) identification

2.1 GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Eye irritation - Category 2B

Hazardous to the aquatic environment, short-term (Acute) - Category Acute 3

2.2 GHS label elements, including precautionary statements

Hazard pictogram(s) None

Signal word Caution

Hazard statement(s) H320 Causes eye irritation
H402 Harmful to aquatic life

Precautionary statement(s)

Prevention P102 Keep out of reach of children
P262 Do not get in eyes

Response P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention

Storage none

Disposal none

2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

no data available

SECTION 3: Composition/information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

Chemical name	Common names and synonyms	CAS Number	EC Number	% [weight]
Water	Water	7732-18-5	231-791-2	> 85.8
Hydrogen peroxide	Hydrogen peroxide	7722-84-1	231-765-0	<4
2-propylheptanol ethoxylated, propoxylated	Oxirane, 2-methyl-, polymer with oxirane, mono(2-propylheptyl) ether	166736-08-9	605-450-7	<3
Alcohols, C12-15, ethoxylated	Alcohols, C12-15, ethoxylated	68131-39-5	500-195-7	<3
Polydimethylsiloxane polymer	Polyether modified polydimethylsiloxane	68937-54-2	614-822-8	<1
Isotridecanol, ethoxylated	Isotridecanol, ethoxylated	9043-30-5	500-027-2	<1
2-methyloxirane	Propylene glycol block polyether	9003-11-6	618-355-0	<1
Oxirane, 2-methyl-, polymer with oxirane, dodecyl ether	Oxirane, 2-methyl-, polymer with oxirane, dodecyl ether	68238-81-3	614-382-7	<1
1,2-benzisothiazol-3(2H)-one	1,2-benzisothiazol-3(2H)-one	2634-33-5	220-120-9	<0.1
	Fragrance	-	-	<0.1

SECTION 4: First aid measures

4.1 Description of necessary first aid measures

Following inhalation

Move the victim into fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and consult a doctor immediately. Do not use mouth to mouth resuscitation if the victim ingested or inhaled the chemical.

Following skin contact

Take off contaminated clothing immediately. Wash off with soap and plenty of water. Consult a doctor.

Following eye contact

Rinse with pure water for at least 15 minutes. Consult a doctor.

Following ingestion

Rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Call a doctor or Poison Control Center immediately.

4.2 Most important symptoms/effects, acute and delayed

No data available.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

No data available.

SECTION 5: Firefighting measures

5.1 Suitable extinguishing media

Use dry chemical, carbon dioxide or alcohol-resistant foam.

5.2 Special hazards arising from the chemical

Hazardous combustion products

no data available

5.3 Special protective equipment and precautions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing mist, gas or vapors. Avoid contacting with skin and eye. Use personal protective equipment. Wear chemical impermeable gloves. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

6.2 Environmental precautions

Prevent further spillage or leakage if it is safe to do so. Do not let the chemical enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Collect and arrange disposal. Keep the chemical in suitable and closed containers for disposal. Remove all sources of ignition. Use spark-proof tools and explosion-proof equipment. Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handling in a well-ventilated place. Wear suitable protective clothing. Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Use non-sparking tools. Prevent fire caused by electrostatic discharge steam.

7.2 Conditions for safe storage, including any incompatibilities

Store the container tightly closed in a dry, cool and well-ventilated place. Store apart from foodstuff containers or incompatible materials.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure limit values

Component	Hydrogen Peroxide			
CAS No.	7722-84-1			
	Limit value - Eight hours		Limit value - Short term	
	ppm	mg/m ³	ppm	mg/m ³
Australia	1	1,4		
Austria	1	1,4	2	2,8

Belgium	1	1,4		
Canada – Ontario	1			
Canada - Québec	1	1,4		
Denmark	1	1,4	2	2,8
Finland	1	1,4	3 (1)	4,2 (1)
France	1	1,5		
Germany(DFG)	0,5	0,71	0,5	0,71
Ireland	1	1,5	2 (1)	3 (1)
Singapore	1	1,4		
South Korea	1	1,5		
Spain	1	1,4		
Sweden	1	1,4	2 (1)	3 (1)
Switzerland	0,5	0,71	0,5	0,71
USA – NIOSH	1	1,4		
USA – OSHA	1	1,4		
United Kingdom	1	1,4	2	2,8
	Remarks			
Finland	(1) 15 minutes average value			
Ireland	(1) 15 minutes reference period			
Sweden	(1) 15 minutes average value			

Biological limit values

no data available

8.2 Exposure engineering controls

Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Set up emergency exits and the risk elimination area.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection

Wear tightly fitting safety goggles with side-shields conforming to EN 166(EU) or NIOSH (US).

Skin protection

Wear fire/flame resistant and impervious clothing. Handle with gloves. Gloves must be inspected prior to use. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

If the exposure limits are exceeded, irritation or other symptoms are experienced, use a full-face respirator.

SECTION 9: Physical and chemical properties

Appearance	Colorless liquid.
Odour	Blue bell
pH	6 - 7
Melting point/freezing point	no data available

Initial boiling point and boiling range	no data available
Flash point	>93.3°C
Evaporation rate	no data available
Flammability	not flammable
Upper/lower flammability or explosive	no data available
Vapor pressure	no data available
Vapor Density	no data available
Relative density	0.95 – 1.05
Solubility(ies)	Totally soluble in water
Partition coefficient n-octanol/water	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity	no data available

SECTION 10: Stability and reactivity

10.1 Reactivity

no data available

10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

no data available

10.5 Incompatible materials

no data available

10.6 Hazardous decomposition products

no data available

SECTION 11: Toxicological information

Acute toxicity

- Oral: pure CAS 68131-39-5: LD50 - rat (male/female) -> 5 000 mg/kg bw.; pure CAS 2634-33-5: LD50 – Rat oral 1 020 mg/kg
- Inhalation: pure CAS 68131-39-5: LC50 - rat (male/female) -> 100 mg/m³ air.
- Dermal: pure CAS 68131-39-5: LD50 - rat (male/female) -> 2 000 mg/kg bw.

Skin corrosion/irritation

no data available

Serious eye damage/irritation

no data available

Respiratory or skin sensitization

no data available

Germ cell mutagenicity

no data available

Carcinogenicity

no data available

Reproductive toxicity

no data available

STOT-single exposure

pure CAS 7722-84-1: The substance is corrosive to the eyes, skin and respiratory tract. corrosive on ingestion. The vapor is severely irritating to the respiratory tract. Ingestion may cause strong foam formation with risk of asphyxiation and aspiration. Exposure to this substance may produce oxygen bubbles (embolism) in the blood, resulting in shock.

STOT-repeated exposure

pure CAS 7722-84-1: Repeated or chronic inhalation of the vapor may cause chronic inflammation of the upper respiratory tract. Lungs may be affected by repeated or prolonged exposure. The substance may have effects on the hair. This may result in bleaching.

Aspiration hazard

pure CAS 7722-84-1: A harmful contamination of the air can be reached rather quickly on evaporation of this substance at 20°C.

SECTION 12: Ecological information

12.1 Toxicity

- Toxicity to fish: pure CAS 68131-39-5: LC50 -Oncorhynchus mykiss (previous name: Salmo gairdneri) – 2.4 mg/L - 96 h.; pure CAS 2634-33-5: LC50; Species: Lepomis macrochirus (Bluegill) length 29 mm; Conditions: freshwater, flow through; Concentration: 540 ug/L for 96 hr (95% confidence interval: 350-820 ug/L) /93.2% purity
- Toxicity to daphnia and other aquatic invertebrates: pure CAS 68131-39-5: EC50 - Daphnia magna - 0.14 mg/L - 48 h.; pure CAS 2634-33-5: EC50; Species: Daphnia magna (Water Flea) age <24 hr; Conditions: freshwater, flow through; Concentration: 3700 ug/L for 48 hr (95% confidence interval: 2900-4600 ug/L); Effect: intoxication, immobilization /89.8% purity
- Toxicity to algae: pure CAS 68131-39-5: EC50 - Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) - > 2 mg/L - 72 h.
- Toxicity to microorganisms: pure CAS 68131-39-5: EC10 - Pseudomonas putida - > 10 g/L - 16.9 h.

12.2 Persistence and degradability

no data available

12.3 Bioaccumulative potential

no data available

12.4 Mobility in soil

no data available

12.5 Other adverse effects

no data available

SECTION 13: Disposal considerations

13.1 Disposal methods

Product

The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging

Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

SECTION 14: Transport information

14.1 UN number

ADR/RID: Not dangerous goods. IMDG: Not dangerous goods. IATA: Not dangerous goods.

14.2 UN proper shipping name

ADR/RID: Not dangerous goods. IMDG: Not dangerous goods. IATA: Not dangerous goods.

14.3 Transport hazard class(es)

ADR/RID: Not dangerous goods. IMDG: Not dangerous goods. IATA: Not dangerous goods.

14.4 Packing group, if applicable

ADR/RID: Not dangerous goods. IMDG: Not dangerous goods. IATA: Not dangerous goods.

14.5 Environmental hazards

ADR/RID: No IMDG: No IATA: No

14.6 Special precautions for user

no data available

14.7 Transport in bulk according to IMO instruments

no data available

SECTION 15: Regulatory information

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

This product or mixture is not known to contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

Chemical name	Common names and synonyms	CAS number	EC number
Water	Water	7732-18-5	231-791-2
United States Toxic Substances Control Act (TSCA) Inventory			Listed
California Prop. 65 Components			Not Listed
New Jersey Right To Know - Right to Know Hazardous Substance List (RTKHSL)			Not Listed
Massachusetts Right To Know - MASSACHUSETTS SUBSTANCE LIST (MSL)			Not Listed
Pennsylvania Right To Know - HAZARDOUS SUBSTANCE LIST			Not Listed
Federal Drinking Water Guidelines	no data available		
State Drinking Water Guidelines	no data available		
Clean Water Act Requirements	no data available		
CERCLA Reportable Quantities	no data available		
RCRA Requirements	no data available		
FIFRA Requirements	no data available		
FDA Requirements	no data available		
Chemical name	Common names and synonyms	CAS number	EC number
Hydrogen peroxide	Hydrogen peroxide	7722-84-1	231-765-0
United States Toxic Substances Control Act (TSCA) Inventory			Listed
California Prop. 65 Components			Not Listed
New Jersey Right To Know - Right to Know Hazardous Substance List (RTKHSL)			Listed

Massachusetts Right To Know - MASSACHUSETTS SUBSTANCE LIST (MSL)			Listed
Pennsylvania Right To Know - HAZARDOUS SUBSTANCE LIST			Listed
Chemical name	Common names and synonyms	CAS number	EC number
2-propylheptanol ethoxylated, propoxylated	Oxirane, 2-methyl-, polymer with oxirane, mono(2- propylheptyl) ether	166736-08- 9	605-450-7
United States Toxic Substances Control Act (TSCA) Inventory			Listed
California Prop. 65 Components			Not Listed
New Jersey Right To Know - Right to Know Hazardous Substance List (RTKHSL)			Not Listed
Massachusetts Right To Know - MASSACHUSETTS SUBSTANCE LIST (MSL)			Not Listed
Pennsylvania Right To Know - HAZARDOUS SUBSTANCE LIST			Not Listed
Chemical name	Common names and synonyms	CAS number	EC number
Alcohols, C12-15, ethoxylated	Alcohols, C12-15, ethoxylated	68131-39-5	500-195-7
United States Toxic Substances Control Act (TSCA) Inventory			Listed
California Prop. 65 Components			Not Listed
New Jersey Right To Know - Right to Know Hazardous Substance List (RTKHSL)			Not Listed
Massachusetts Right To Know - MASSACHUSETTS SUBSTANCE LIST (MSL)			Not Listed
Pennsylvania Right To Know - HAZARDOUS SUBSTANCE LIST			Not Listed
Chemical name	Common names and synonyms	CAS number	EC number
Polydimethylsiloxane polymer	Polyether modified polydimethylsiloxane	68937-54-2	614-822-8
United States Toxic Substances Control Act (TSCA) Inventory			Listed
California Prop. 65 Components			Not Listed
New Jersey Right To Know - Right to Know Hazardous Substance List (RTKHSL)			Not Listed
Massachusetts Right To Know - MASSACHUSETTS SUBSTANCE LIST (MSL)			Not Listed
Pennsylvania Right To Know - HAZARDOUS SUBSTANCE LIST			Not Listed
Chemical name	Common names and synonyms	CAS number	EC number
Isotridecanol, ethoxylated	Isotridecanol, ethoxylated	9043-30-5	500-027-2
United States Toxic Substances Control Act (TSCA) Inventory			Listed
California Prop. 65 Components			Not Listed
New Jersey Right To Know - Right to Know Hazardous Substance List (RTKHSL)			Not Listed
Massachusetts Right To Know - MASSACHUSETTS SUBSTANCE LIST (MSL)			Not Listed
Pennsylvania Right To Know - HAZARDOUS SUBSTANCE LIST			Not Listed
Chemical name	Common names and synonyms	CAS number	EC number
2-methyloxirane	Propylene glycol block polyether	9003-11-6	618-355-0
United States Toxic Substances Control Act (TSCA) Inventory			Listed
California Prop. 65 Components			Not Listed
New Jersey Right To Know - Right to Know Hazardous Substance List (RTKHSL)			Not Listed
Massachusetts Right To Know - MASSACHUSETTS SUBSTANCE LIST (MSL)			Not Listed
Pennsylvania Right To Know - HAZARDOUS SUBSTANCE LIST			Not Listed
Chemical name	Common names and synonyms	CAS number	EC number
[Name confidential or not available]	Oxirane, 2-methyl-, polymer	68238-81-3	614-382-7

		with oxirane, dodecyl ether	
United States Toxic Substances Control Act (TSCA) Inventory			Listed
California Prop. 65 Components			Not Listed
New Jersey Right To Know - Right to Know Hazardous Substance List (RTKHSL)			Not Listed
Massachusetts Right To Know - MASSACHUSETTS SUBSTANCE LIST (MSL)			Not Listed
Pennsylvania Right To Know - HAZARDOUS SUBSTANCE LIST			Not Listed
Chemical name	Common names and synonyms	CAS number	EC number
1,2-benzisothiazol-3(2H)-one	1,2-benzisothiazol-3(2H)-one	2634-33-5	220-120-9
United States Toxic Substances Control Act (TSCA) Inventory			Listed
California Prop. 65 Components			Not Listed
New Jersey Right To Know - Right to Know Hazardous Substance List (RTKHSL)			Not Listed
Massachusetts Right To Know - MASSACHUSETTS SUBSTANCE LIST (MSL)			Not Listed
Pennsylvania Right To Know - HAZARDOUS SUBSTANCE LIST			Not Listed
Chemical name	Common names and synonyms	CAS number	EC number
-	Fragrance	-	-
United States Toxic Substances Control Act (TSCA) Inventory			Not Listed
California Prop. 65 Components			Not Listed
New Jersey Right To Know - Right to Know Hazardous Substance List (RTKHSL)			Not Listed
Massachusetts Right To Know - MASSACHUSETTS SUBSTANCE LIST (MSL)			Not Listed
Pennsylvania Right To Know - HAZARDOUS SUBSTANCE LIST			Not Listed

SECTION 16: Other information

Information on revision

Creation Date **Oct. 29, 2025**

Disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. We as supplier shall not be held liable for any damage resulting from handling or from contact with the above product.