

SAFETY DATA SHEET

Date issued : 05/18/2015
SDS number : Gensan_#12 Oxypure
Date revised : 11/19/2021
Revision number : 1

#12 Oxypure H2O2

1. Identification

Product code: GEN221, GEN109, GEN115
Product identifier: #12 Oxypure H2O2
Product description: Peroxide Powered Cleaner Degreaser
Chemical family: Peroxide/detergent blend
Relevant identified uses: Cleaner/Degreaser

Distributor

Genesan, LLC
12 Bartlett Road
Gorham, ME 04038

Customer Service: 207-854-5328

Emergency telephone number (24 hour)

CHEM-TEL (Medical and Transportation): 800-255-3924
POISON CONTROL CENTER (Medical): 800-222-1222

2. Hazard identification

Classification of the substance or mixture

Health hazards:

Eye Irritation, Category 2A
Skin Irritation, Category 2

Label elements



Exclamation
mark

Signal word: WARNING

Hazard statement(s)

H319: Causes serious eye irritation.
H315: Causes skin irritation.
H303: May be harmful if swallowed.

Precautionary statement(s)

Prevention:

P262: Do not get in eyes, on skin, or on clothing.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P264: Wash hands thoroughly after handling.
P102: Keep out of reach of children.
P273: Avoid release to the environment.

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.
P302+P352: IF ON SKIN: Wash with plenty of soap and water
P332+P313: If skin irritation occurs: Get medical advice/attention.
P362: Take off contaminated clothing.
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

Storage:

P404: Store in a closed container.

Disposal:

P501: Dispose of contents/container according to all local, state and Federal regulations.

Emergency overview

Physical appearance: Clear Liquid

Immediate concerns: Eye & Skin irritant

Potential health effects**Eye:** Irritating, and may injure eye tissue if not removed promptly.**Skin:** Skin irritant with prolonged or repeated contact.**Skin absorption:** None Expected.**Ingestion:** Although of moderate to low toxicity, ingestion can cause gastrointestinal irritation, nausea, vomiting, diarrhea, and possible death.**Inhalation:** Mist is irritating to nose, throat and lungs.**Reproductive toxicity****Teratogenic effects:** None known.**Carcinogenicity:** Contains an ingredient listed under IARC Group 3 status.**Mutagenicity:** None known.**Medical conditions aggravated:** Previous skin conditions such as dermatitis may be aggravated.**Routes of entry:** Eye, skin, ingestion.**Cancer statement:** None**Warning caution labels:** Irritant**3. Composition/information on ingredients**

Chemical name	% w/w	CAS No.
C9-11 Pareth	0 - 5	68439-46-3
Undeceth	0 - 5	34398-01-1
Sodium Caprylyl Sulfonate	0 - 5	5324-84-5
Hydrogen Peroxide	0 - 5	7722-84-1
Fragrance	0 - 1	TS
Water	85 - 90	7732-18-5

4. First-aid measures**Eye:** Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.**Skin:** Wash with soap and water. Get medical attention if irritation develops or persists.**Ingestion:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.**Inhalation:** Remove victim to fresh air and monitor. Seek medical advise if irritation persists.**Most important symptoms and effects, both acute and delayed****Eye:** Burning sensation with tearing, redness.**Skin:** Prolonged contact will cause irritation marked by redness, burning sensation.**Skin absorption:** Not Established**Ingestion:** Irritation of mouth, throat, along with upset stomach, vomiting.**Inhalation:** Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.**Acute effects:** Not Established**5. Fire-fighting measures****Flammable class:** NA = Not Applicable**General hazard:** NA = Not Applicable**Suitable extinguishing media:** Not required. Water based material.**6. Accidental release measures****Small spill:** Avoid walking in product. Wipe up or otherwise flush small spills to sanitary sewer.**Large spill:** Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.**Environmental precautions****Water spill:** Avoid discharges into open waterways and notify your local emergency services if this occurs.**Land spill:** Avoid discharge to soil.**General procedures:** Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material and transfer to containers.**Special protective equipment:** Eye protection, rubber gloves, rubber boots to protect feet.**7. Handling and storage****General procedures:** Close container after use.**Precautions for safe handling:** Wear eye protection, rubber gloves when handling concentrate.**Conditions for safe storage:** Store in area inaccessible to children.

Storage temperature: Store at ambient temperatures.

8. Exposure controls/personal protection

Exposure controls

Chemical name	Control parameters			
	Occupational exposure limit values			
	Type		ppm	mg/m ³
Hydrogen Peroxide	OSHA PEL	TWA	1	1.4
	ACGIH TLV	TWA	1	1.4
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL

Appropriate engineering controls: No special requirements.

Individual protection measures, such as personal protective equipment

Eye / face protection: Chemical splash goggles and full face-shield.

Skin protection - hand protection: Rubber or other chemical resistant gloves.

Respiratory protection: A respirator is not needed under normal and intended conditions of product use.

Skin protection - other: Chemical resistant outerwear (tyvek) if contact with spray or mist is anticipated.

Occupational hygiene practices: Wash with soap and water after handling. Do not eat, drink or smoke while using product.

9. Physical and chemical properties

Physical state: Liquid

Color: Water Clear

Odor: Citrus floral

pH: 4.5 to 5.0

Melting point: Not Available

Freezing point: ~ 0°C (32°F)

Initial boiling point and boiling range: ~ 100°C (212°F)

Flash point: None

Evaporation rate (n-butyl acetate = 1): (Water =1) 1.0

Lower explosion limit / flammability limit: N/A

Vapor pressure: ≤ 20 mm Hg at (68°F)

Relative vapor density: ≤ 1 Air = 1

Density: 8.48 at (68°F)

Relative density: 1.016 grams/ml.

Solubility: Complete

Auto-ignition temperature: NA = Not Applicable

Viscosity: Water thin.

Percent volatiles: 85+

VOC content: None

10. Stability and reactivity

Reactivity: Stable

Dangerous polymerization: No

Conditions to avoid: Not Established

Possibility of hazardous reactions: None Expected.

Hazardous decomposition products: None known.

Incompatible materials: Strong alkalis, reducing agents, chlorine bleach products.

11. Toxicological information

Acute toxicity

Chemical name	LD ₅₀ (oral) mg/kg(rat)	LD ₅₀ (dermal) mg/kg(rabbit)	LC ₅₀ (inhalation) mg/l
C9-11 Pareth	1400 mg/kg (rat)	> 5000 mg/kg (rat)	No data available
Undeceth	> 2000 mg/kg (rat)	> 2000 mg/kg (rabbit)	
Hydrogen Peroxide	> 2000 mg/kg (rat)	> 2000 mg/kg (rabbit)	

Acute dermal toxicity LD₅₀: Not Established

Acute oral toxicity LD₅₀: Not Established

Acute inhalation toxicity LC₅₀: Not Established

Serious eye damage / irritation: Irritant

Respiratory or skin sensitization: No known significant effects or critical hazards.

Germ cell mutagenicity: No known significant effects or critical hazards.

Carcinogenicity

Chemical name	IARC
Hydrogen Peroxide	Group 3 - Not classifiable as to its carcinogenicity to Humans

IARC: 3-Group 3: Not classifiable as to its carcinogenicity to humans.

Reproductive toxicity: No known significant effects or critical hazards.

12. Ecological information

Ecotoxicological information: Not Established

Aquatic toxicity, both acute and chronic: Not Established

Other adverse effects: Not Established

13. Disposal considerations

Disposal methods: Small amounts (less than 5 gallons) may be disposed of in sanitary sewer. Consult local authorities for additional disposal information.

For large spills: Consult with local and state authorities for large volume disposal.

Product disposal: See above.

Empty container: Rinse container with clear water. Offer container for recycling, or dispose of in trash.

RCRA/EPA waste information: NA = Not Applicable

14. Transport information

USA Department of Transport Regulations (DOT)

UN proper shipping name: Cleaning Compound, not regulated.

ADR / RID - road / rail

UN proper shipping name: Cleaning Compound, not regulated.

ICAO - air

UN proper shipping name: Cleaning Compound, not regulated.

IMDG - sea

UN proper shipping name: Cleaning Compound, not regulated.

15. Regulatory information

UNITED STATES

SARA Section 311/312 Hazard Categories

311/312 Health hazards: Health - Acute

313 reportable ingredients: None

EPCRA Section 302 Extremely Hazardous Substances

EPCRA Status: NA = Not Applicable

CERCLA Hazardous Substances and Reportable Quantities (RQ)

CERCLA regulatory: NA = Not Applicable

TSCA (The Toxic Substances Control Act)

TSCA regulatory: All ingredients are listed on the TSCA Chemical Inventory.

States with special requirements

Chemical name	Requirements
Hydrogen Peroxide	Massachusetts Right to Know Substance New Jersey Right To Know Substance New York Right to Know Substance Pennsylvania Right to Know Substance

California Proposition 65: None

Carcinogen: The International Agency for Research on Cancer (IARC) has concluded that there is inadequate evidence for carcinogenicity of hydrogen peroxide in humans, but limited evidence in experimental animals (Group 3 - not classifiable as to its carcinogenicity in humans).

16. Other information

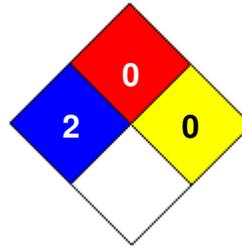
Prepared by: Regulatory Affairs Department **Date revised:** 11/19/2021

Revision summary: This SDS replaces the 05/18/2015 SDS. Revised: **Section 2:** Classification of the substance or mixture, Label elements, Precautionary statement(s).

HMIS rating

Health		2
Flammability		0
Physical hazard		0
Personal protection		B

NFPA codes



Manufacturer disclaimer: This company cannot anticipate all conditions of handling and use of this product. Therefore, this company accepts no responsibility for results obtained by the application of this information, or the safety and suitability of the product either alone or in combination with other products. It is the responsibility of the employer and/or user to provide a safe workplace, using health and safety information contained herein as a guide. This company will accept no liability for damages or losses incurred from the improper handling and use of this product.