

SECTION 1 – HAZARD(S) IDENTIFICATION

Classification of the substance or mixture:



Serious eye damage/eye irritation Category 1

Sensitization ,skin Category 1

Hazard statement: May cause an allergic skin reaction. Causes serious eye damage.

Precautionary statements:

Prevention: Avoid breathing mist or vapor. Contaminated work clothing must not be allowed out of the workplace. Wear eye protection/face protection. Wear protective gloves.

Response: If on skin: Wash with plenty of water.

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.

If skin irritation or rash occurs: Get medical advice/attention. Wash contaminated clothing before reuse.

Storage: Store away from incompatible materials.

Disposal: Dispose of waste and residues in accordance with local authority requirements.

Hazard(s) not otherwise classified (HNOC): None known.

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

Chemical Name	CAS Number	%
Hydrogen peroxide	7722-84-1	<=2.5
Orange Oil	8008-57-9	<=2.5

Sanitizer: Kills 99.99% of common bacteria (Staphylococcus aureus, Salmonella enterica, Klebsiella pneumoniae, Pseudomonas aeruginosa, Streptococcus faecalis, and Escherichia coli).

Virucide: Kills 99.9% specified viruses (Herpes Simplex Virus Type 2, Influenza A2/Japan and HIV-1). When used as directed, is EPA registered to kill Herpes Simplex Virus Type 2, Influenza A2/Japan and HIV-1 (Human Immunodeficiency Virus). Hydrogen peroxide is also known to kill other viruses such as SARS and COVID.

Degreaser: Cuts grease with neutral pH. Use on any water-safe surface. Grease-free, residue-free results.

Disclaimer

Green N Clean Services LLC cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.

SECTION 3 - FIRST-AID MEASURES

Inhalation: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then, give artificial respiration, preferably mouth-to-mouth. Call a poison control center or doctor for further treatment advice.

Skin contact: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice.

Eye contact: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then, continue rinsing eye. Call a poison control center or doctor for treatment advice.

Ingestion: Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed: Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause an allergic skin reaction. Dermatitis Rash.

Indication of immediate medical attention and special treatment needed: Probable mucosal damage may contraindicate the use of gastric lavage.

General information: Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse.

SECTION 4 - HANDLING AND STORAGE

Precautions for safe handling: Provide adequate ventilation. Do not get this material in contact with eyes. Avoid breathing mist or vapor. Avoid contact with eyes.

Conditions for safe storage, including any incompatibilities: Store this product in a cool dry area, away from direct sunlight and heat to avoid deterioration. Avoid freezing conditions. Do not exceed storage temperatures of 95°F. Best storage temperatures are between 35°F and 85°F. Overheating in storage may result in increased degradation of product, which will decrease product effectiveness.

SECTION 5 - EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits

US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
Hydrogen peroxide (CAS 7722-84-1)	PEL	1.4 mg/m ³ 1 ppm

US. ACGIH Threshold Limit Values

Components	Type	Value
Hydrogen peroxide (CAS 7722-84-1)	TWA	1 ppm

US.NIOSH:Pocket Guide to Chemical Hazards

Components	Type	Value
Hydrogen peroxide (CAS 772284-1)	TWA	1.4 mg/m ³ 1 ppm

SECTION 6 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:		Explosive limit - lower %	Not Determined
Liquid Form: Liquid Color: Clear		Explosive limit - upper %	Not Determined
		Vapor pressure:	Not Determined
		Vapor density:	N/A
		Relative Density:	Not Determined
Odor: Citrus		Solubility:	Fully miscible
Odor threshold: N/A		Partition coefficient (noctanol/water):	Not Determined
pH value at 20 °C (68 °F): Heavy Duty 6.5 ± 0.5		Auto-ignition temperature:	Not Determined
pH value at 20 °C (68 °F): Light Duty 7.0 ± 0.5		Decomposition temperature	Not Determined
Boiling point/Boiling range: 212 °F / 100 °C		Viscosity:	Not Determined
Flash point: 296			
Evaporation rate: Not Determined			
Flammability (solid, gaseous): N/A			
Flammability limit– lower % Not Determined			
Flammability limit – upper % Not Determined			

SECTION 7 - STABILITY AND REACTIVITY

Reactivity: The product is stable and non-reactive under normal conditions of use, storage and transport.

Chemical stability: Material is stable under normal conditions.

Possibility of hazardous reactions: No dangerous reaction known under conditions of normal use.

Conditions to avoid: Contact with incompatible materials.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products: No hazardous decomposition products are known.

SECTION 8 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure:

Inhalation: Prolonged inhalation may be harmful. Not a respiratory sensitizer.

Skin contact: May cause an allergic skin reaction.

Eye Contact: Causes serious eye damage.

Ingestion: Expected to be a low ingestion hazard.

Symptoms related to the physical, chemical and toxicological characteristics: Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. May cause an allergic skin reaction. Dermatitis Rash.

Information on toxicological effect: Acute toxicity May cause an allergic skin reaction.

SECTION 9 - ECOLOGICAL INFORMATION

Eco-toxicity: The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

SECTION 10 - REGULATORY INFORMATION

US federal regulations: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.