



Sanitizer Mixture

Safety Data Sheet

27Apr2020

1. Material/ product identification	
1.1. Product name	Sanitizer Mixture
1.2. Relevant identified uses	Personal care formulations
1.3. Details of the supplier of the safety data sheet	Grand Valley Reagents, LLC 1121 24 Road Grand Junction, CO 81505
1.4. Emergency telephone number	

2. Hazards identification	
2.1. Classification of the substance or mixture	Flammable Liquid: Category 3 Eye Irritation: 2B
2.2. GHS label elements	<p>GHS signal word: Warning</p> <p>GHS hazard phrases: H226 Flammable Liquid and Vapor H319 Causes Serious Eye Irritation H410 Very toxic to aquatic life with long lasting effects</p> <p>GHS precautionary phrases: P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources P233 Keep container tightly closed P240 Ground and bond container and receiving equipment P234 Take action to prevent static discharges P264 Wash hands thoroughly after handling P280 Wear protective gloves/ protective clothing/ eye protection/ face protection</p>

	<p>P273 Avoid release to environment</p> <p>GHS response phrases: P303 + P361 +P353 If on skin: Take off immediately all contaminated clothing. Rinse skin with water P370 +P378 In case of fire: Use foam or carbon dioxide to extinguish 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.</p> <p>GHS Storage: P403 + P235 Store in a well-ventilated place. Keep cool.</p> <p>GHS Disposal: P501 Dispose of contents in accordance with applicable local regulations.</p>
2.3. Hazards not otherwise classified or not covered by GHS	No additional information

3. Composition/ information on ingredients	
3.1. Substances	<p>Ethanol Formula: C₂H₆O₀ Molecular weight: 46.1 g/mol CAS No.: 64-17-5</p> <p>Glycerin Formula: C₃H₈O₃ Molecular weight: 92.1 g/mol CAS No.: 56-81-5</p> <p>Hydroxypropyl cellulose Formula: C₃₆H₇₀O₉ Molecular weight: 806.9 g/mol CAS No.: 9004-64-2</p> <p>Lauryl lactate Formula: C₁₅H₃₀O₃ Molecular weight: 258.4 g/mol CAS No.: 6283-92-7</p>

	<p>Myristyl lactate Formula: C₁₇H₃₃O₃ Molecular weight: 286.4 g/mol CAS No.: 1323-03-1</p> <p>Cetyl lactate Formula: C₁₉H₃₈O₃ Molecular weight: 314.5 g/mol CAS No.: 35274-05-6</p> <p>Hydrogen Peroxide Formula: H₂O₂ Molecular weight: 34.0 g/mol CAS No.: 7722-84-1</p> <p>Contains water</p>
<p>3.2. Ethanol 3.3. Glycerin 3.4. Hydroxypropyl cellulose 3.5. Lauryl lactate 3.6. Myristyl lactate 3.7. Cetyl lactate 3.8. Hydrogen peroxide 3.9. Water</p>	<p>73% proprietary proprietary proprietary proprietary proprietary proprietary proprietary</p>

4. First aid measures	
4.1. Description of necessary first-aid measures	<p>Skin contact: Wash off with soap and water. Seek medical attention, if necessary.</p> <p>Eye contact: Flush eyes with water for several minutes. Seek medical attention, if necessary.</p> <p>Ingestion: Rinse mouth with water. Never give anything by mouth to an unconscious person.</p>
4.2. Most important symptoms/ effects, acute and delayed	No additional information.
4.3. Indication of immediate medical attention and special treatment needed, if necessary	No additional information.

5. Fire-fighting measures

5.1. Suitable extinguishing media	Use water spray, alcohol-resistant foam, carbon dioxide, or dry chemical spray.
5.2. Special hazards arising from the substance or mixture	No additional information.
5.3. Advice for firefighters	Wear appropriate firefighting personal protective equipment, according to local standards and requirements.

6. Accidental release measures	
6.1. Personal precautions, protective equipment and emergency procedures	Provide adequate ventilation. As conditions warrant, wear additional personal protective equipment, such as boots, safety goggles and gloves.
6.2. Environmental precautions	Take steps to avoid release to the environment, if safe to do so.
6.3. Methods and materials for containment and cleaning up	Contain spill and collect, as appropriate. Dispose in accordance with local regulations.

7. Handling and storage	
7.1. Precautions for safe handling	Keep out of reach of children.
7.2. Conditions for safe storage, including incompatibilities	Keep the container tightly closed. Store at controlled room temperature.

8. Exposure controls/ personal protection	
8.1. Control parameters	Ethanol NIOSH REL: TWA 1000 ppm Current OSHA PEL: TWA 1000 ppm Hydrogen peroxide NIOSH REL: TWA 1 ppm OSHA PEL: TWA 1ppm
8.2. Individual protection measures,	Eye/ face protection: Safety glasses

such as personal protective equipment	Skin protection: Gloves, lab coat Respiratory protection: None
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9. Physical and chemical properties	
9.1. Basic physical and chemical properties	Physical state: Aqueous solution/ gel Color: Clear Odor: None Melting point: No data pH: N/A Solubility: No data Density: No data

10. Stability and reactivity	
10.1. Reactivity	No data available
10.2. Chemical stability	Stable under recommended temperature storage conditions
10.3. Possibility of hazardous reactions	No data available
10.4. Conditions to avoid	No data available
10.5. Incompatible materials	Strong acids, strong bases, strong oxidizers, strong reducing agents
10.6. Hazardous decomposition products	Carbon monoxide Carbon dioxide

11. Toxicological information	
11.1. Information on toxicological effects	Acute toxicity: See RTECS: KQ6300000, MA8050000, MX0900000 Skin corrosion/ irritation: No data available Serious eye damage/ irritation: No data available Respiratory or skin sensitization: No data

	<p>available</p> <p>Germ cell mutagenicity: No data available</p> <p>Carcinogenicity: No data available</p> <p>Reproductive toxicity: See RTECS: KQ6300000, MA8050000, MX0900000</p> <p>STOT-single exposure: See RTECS: KQ6300000, MA8050000, MX0900000</p> <p>STOT-repeated exposure: See RTECS: KQ6300000, MA8050000, MX0900000</p> <p>Aspiration hazard: No data available</p> <p>Additional information: RTECS: KQ6300000, MA8050000, MX0900000</p>
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12. Ecological information	
12.1. Toxicity	Avoid release into the environment
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. Results of PBT and vPvB assessment	No data available
12.6. Other adverse effects	No data available

13. Disposal considerations	
13.1. Waste disposal method	Dispose in accordance with local, state and federal regulations.

14. Transport information

14.1. DOT (US)	UN1987 Flammable liquid DOT 1170
14.2. IMDG	UN1987 Flammable liquid Class 3
14.3. IATA	UN 1987 Flammable liquid 353, 355 Class 3

15. Regulatory information	
15.1. EPA SARA	SARA 302: Not listed SARA 304: Not listed SARA 313: Not listed

16. Other information	
16.1. Additional information about this product	This information is provided for documentation purposes only. The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate based upon the present knowledge, however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. This safety sheet cannot cover all possible situations, which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.