



Saif Zone-Sharjah, UAE.

MATERIAL SAFETY DATA SHEET

PRODUCT: AMESOL HAND RUB	Version No.: AMS/2022-23/016
SHELF LIFE: 36 MONTHS.	PACK SIZE: 500ML

1. Product and Company Identification:

Trade name: Amesol Hand rub

(0.5% Chlorhexidine gluconate and 70% Isopropyl alcohol antimicrobial solution)

Product Use: Antiseptic/Antimicrobial.

For External Use Only. For Professional and Hospital Use Only.

Manufacturer identification: Ameya FZE, Saif Zone-Sharjah, UAE.

2. Composition:

S. No	Ingredient Name	Percentage
01	Chlorhexidine Gluconate	0.5 v/v
02	Isopropyl alcohol	70% v/v
03	Glycerin	1% W/v
04	Purified Water	Q.S

3. Hazards Identification:

Critical Hazards: No data available.

Hazard Statements: Causes serious eye damage. Toxic to aquatic animals.

4. First Aid Measures:

ROUTE	COMMON SYMPTOMS	FIRST AID
Inhalation	Dizziness, trouble berating.	Remove source of contamination or move victim to fresh air. If affected person is not breathing, apply artificial respiration. If breathing is difficult, give oxygen. Get medical attention
Ingestion	Vomiting, cramps, diarrhea.	In case of accidental ingestion, wash out mouth with large amounts of water. Seek medical attention immediately. Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person.
Skin	May cause dermal irritation	If irritation occurs, wash with water. If irritation persists, get medical attention.



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Eyes	May cause eye Irritation	Immediately flush eyes with water for at least 15 minutes while holding eyelids open. Remove contact lenses if worn. If symptoms persist, get medical attention.
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5. Fire Fighting Measures:

Flammable Properties: flammable.

Extinguishing Media Water spray, carbon dioxide, dry chemical powder, or foam as appropriate for the flammable material.

6. Accidental Release Measures:

Personal Precautions: Evacuate personnel to safe areas. Use personal protection recommended Refer to other sections of this MSDS.

Environmental Containment Prevent material from entering sewers, waterways, or low areas. Use dikes to contain spilled material and retain for later disposal.

Spill Clean-up: Wear suitable protective clothing and equipment. Clean up with sand or other non-combustible absorbent material and place into containers for later disposal.

7. Handling and Storage:

Handling (Personnel):

Do not get in eyes, on skin, or on clothing. Do not taste. Wash thoroughly after handling. Wash contaminated clothing after use. Use only with adequate ventilation.

Handling (Physical Aspects): Close container after each use.

Storage:

Store in a closed, airtight container. Store in a well-ventilated area at room temperature.

Store away from heat. Store away from acids. Store away from oxidizing agents

8. Exposure Controls/Personal Protection:

Engineering Controls: Handle material under adequate ventilation. Keep container tightly closed when not in use. If ventilation is not adequate, use respiratory protection equipment. Use explosion-proof ventilation equipment.

Personal Protective Equipment: Wear safety glasses with side shields. Wear full-face protection when judged that the possibility exists for eye and face contact.



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9. Physical and Chemical Properties:

Form: liquid.

Odor: alcohol-like odor.

Color: Clear or characteristic

Solubility: miscible with water.

pH: 5.5 – 8.0

Specific Gravity (water=1): 0.870-0.887

10. Stability and Reactivity:

Conditions to Avoid: Store away from heat; Sparks and/or Flames;

Store out of direct sunlight.

Materials to Avoid: Strong acids Strong oxidizing agents. Incompatible with soaps and other anionic materials.

Decomposition: Will not decompose under conditions of usual handling.

Heating and alkaline pH promotes decomposition with the production of trace levels of 4-chloroaniline. Carbon monoxide and carbon dioxide will release after combustion.

Stability: Stable under normal ambient temperatures.

Reactivity: Not reactive.

11. Toxicological Information:

Effects from Eye Contact: Moderate Eye Irritation: Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

Effects from Skin Contact: Prolonged or repeated exposure may cause: Dermal Effects: Signs/symptoms may include localized redness, itching, drying and cracking of skin. Allergic Skin Reaction (non-photo induced): Signs/symptoms may include redness, swelling, blistering, and itching.

Effects from Inhalation: Respiratory Tract Irritation: Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. May be absorbed following inhalation and cause target organ effects.

12. Ecological Information

Ecotoxicological Information: No information available.

Chemical Fate Information: No information available.



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13. Disposal Considerations:

Do not discharge into drains or the environment, deposit to an authorized waste collection point. Disposal should be in accordance with local, state or national legislation.

14. Transport Information:

IATA: 1219

Class (IATA): 3 - Flammable Liquids

Packing group (IATA): II - Medium Danger

DOT: Chlorohexidine Gluconate Aqueous Solution And no other Hazardous materials.

IATA: Chlorohexidine Gluconate Aqueous Solution.

IMDG: Chlorohexidine Gluconate Aqueous Solution.

DOT Class: Not hazardous.

DOT Labels: Proper Name.

15. Regulatory Information

Hazard symbols: Highly flammable.

Risk phrases: R11: Highly flammable.

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed. Safety phrases: S9: Keep container in a well-ventilated place.

S16: Keep away from sources of ignition - No smoking.

S36/37: Wear suitable protective clothing and gloves.

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Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. Other Information.

Revision date: 01/22

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