

Material Safety Data Sheet

1. COMPANY/PRODUCT IDENTIFICATION

PRODUCT NAME:	Hand Sanitizer
SYNONYMS:	Hand Sanitizing Liquid
RECOMMENDED USE:	Alcohol base sanitizer. No rinse - no need to rinse with water
SUPPLIER NAME:	Sanitize Today
EMERGENCY:	083 325 1800
E-MAIL:	info@sanitizetoday.co.za
ACTIVE INGREDIENTS:	Ethanol Alcohol / Isopropyl Alcohol, Glycerol, Hydrogen Peroxide, Aqua

2. HAZARDOUS COMPONENTS

CHEMICAL NAME	CAS NO.	WEIGHT %
Ethyl Alcohol or	64-17-5	70%
Isopropyl Alcohol	67-63-0	70%
Glycerol	56-81-5	1.5%
Hydrogen Peroxide	7722-84-1	0.125%
Dye (may be present)	N/A	0.005%
Aqua	7732-18-5	to 100%

3. HAZARDOUS IDENTIFICATION

S2. Keep out of reach of children.

S3. Keep in a cool place below 30 degrees Celsius

S7. Keep fluid container tightly closed to avoid evaporation of fluid

S26. In case of eye contact with fluid, rinse immediately with plenty of water and seek medical advice

S62. If fluid is swallowed, do not induce vomiting, seek medical advice immediately and show container label.

4. FIRST AID MEASURES

INHALATION: If large quantities are inhaled remove to fresh air.

EYE CONTACT: Rinse with water for 15 minutes, including eyelids. If irritation persists seek medical attention.

SKIN CONTACT: Wash immediately with soap and water. Rinse thoroughly. Seek medical attention.

INDIGESTION: Rinse mouth. Give plenty of water to drink. Do not induce vomiting. Seek medical attention.

5. FIRE FIGHTING MEASURES

This product is flammable. Store away from heat and naked flames.

Extinguishing media: All standard firefighting media, small fires use dry chemical powder and for large fires use alcohol foam, water spray or fog.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Danger of slipping on leaked / spilled product.

ENVIRONMENTAL PRECAUTIONS: Prevent large quantities from reaching surface water.

METHODS FOR CLEANING UP: Collect large amounts in a suitable container, dilute with water for regular disposal.

7. HANDLING AND STORAGE

EYE PROTECTION: Use Goggles if needed

HAND PROTECTION: None needed. Avoid excessive and unnecessary contact

RESPIRATORY PROTECTION: Use Mask if contact with product is excessive

STORAGE PRECAUTIONS: Store in a cool dry place below 30 degrees Celsius, protect from intense light and away from flammable materials. Keep away from open air, as evaporation may take place

8. EXPOSURE CONTROLS

ENGINEERING CONTROLS: Normal room ventilation is adequate for normal use

RESPIRATORY PROTECTION: None needed if used as intended

HAND PROTECTION: None needed if used as intended

EYE PROTECTION: None needed if used as intended

SKIN AND BODY PROTECTION: None needed if used as intended

9. PHYSICAL AND CHEMICAL

APPEARANCE: Clear/blue

ODOUR: Alcohol

SPECIFIC GRAVITY/BULK DENSITY: 1.0

SOLUBILITY IN WATER: Completely soluble

PH: 6-8

FLAMMABILITY: See section 5

BOILING POINT (ETHYL ALCOHOL): 78 °C

VAPOUR PRESSURE (ETHYL ALCOHOL): 57.3 hPa at 20°C

VISCOSITY: Liquid

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal ambient temperatures

HAZARDOUS DECOMPOSITION: Fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

INCOMPATIBLE MATERIALS: Do not mix with incompatible materials such as other soaps, strong acids or bases and oxidizing agents.

CONDITIONS TO AVOID: Avoid excessive heat or sources of ignition

ADDITIONALLY: Painted surfaces, linoleum, asphalt, rubber and plastic coverings could, in some instances, be adversely affected by the disinfectant and should be thoroughly rinsed with potable water within 15 min of treatment.

11. TOXICOLOGICAL INFORMATION

EYE CONTACT: Irritant

INHALATION: None

INGESTION: Possible nausea

SKIN CONTACT: Non-irritant when used as per recommendations

TOXICITY DATA: None

12. ECOLOGICAL INFORMATION

Biodegradability: Ingredients are biodegradable by greater than 90%

13. DISPOSAL CONSIDERATIONS

DISPOSAL OF WASTE: Dispose of in accordance with local authority requirements.

DISPOSAL OF CONTAINERS: No special considerations

14. TRANSPORT CLASSIFICATIONS

UN/IATA NUMBER: Not classified as dangerous in the meaning of transport regulations in product formulation

IMDG CODE: UN 1170 Ethanol TDG class 3

15. REGULATORY INFORMATION

SAFETY PHRASES:

S2. Keep out of reach of children.

S3. Keep in a cool place.

S7. Keep fluid container tightly closed.

S26. In case of eye contact with fluid, rinse immediately with plenty of water and seek medical advice

S62. If fluid is swallowed do not induce vomiting, seek medical advice immediately and show container label.

16. OTHER INFORMATION

The information provided in this safety data sheet is correct to the best of our knowledge, information and belief at date of publication. The information given is designed only as guidance for safe handling, use, processing, storage, transport, disposal and release and is not to be considered a warranty or quality specification. This information is only related to the specific material designed and may not be valid for such material in combination with any other materials or in any process unless specified.