

MATERIAL SAFETY DATA SHEET

According to EC Directive 1907/2006/EC EEC, Article 31 REVISION NUMBER 1

Safety Information

Revision Number: 1
Date of Issue: 16th March 2020
MSDS Hand Sanitiser 2020

PLEASE ENSURE THAT THIS MATERIAL SAFETY DATA SHEET IS PASSED ONTO ALL PERSONS USING THIS PRODUCT OR OTHERWISE COMING INTO CONTACT WITH IT.

1. IDENTIFICATION OF THE SUBSTANCE

Product name: Hand Sanitiser
Product Type: Hand Sanitiser

2. HAZARDS IDENTIFICATION

2.1 Physical and chemical hazards:
None

2.2 Safety:

1. Keep container tightly closed.
2. Keep away from any flames.

REGULATION (EC) No 1272/2008			
Hazard class	Hazard category	Target Organs	Hazard statements
Flammable liquids	Category 2	---	H225
Serious eye damage/eye irritation	Category 2	---	H319
Specific target organ toxicity - single exposure	Category 3	---	H336

3. COMPOSITION OF PRODUCT/ INFORMATION ON INGREDIENTS

Substance Chemical Family: Ethanol

Ingredient	CAS No.	EC No.	Content	Symbol	R Phrases
Propan-2-ol	67-63-0	200-661-7	60%	F, Xi	R11, R36, R67, R41
Ethanol	64-17-5	603-002-00-5	1%	F	R11, R36, R67, R41
Glycerine	56-81-5	200-289-5	10%	N/A	N/A
Water (Aqua)	N/A	N/A	29%	N/A	N/A

4. FIRST AID MEASURES

Description of first aid measures

General advice:	Remove from exposure, lie down. Take off all contaminated clothing immediately.
If inhaled:	Remove to fresh air. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.
In case of skin contact:	Wash off immediately with plenty of water. If skin irritation persists, call a physician.
In case of eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes. Consult an eye specialist immediately. Go to an ophthalmic hospital if possible
If swallowed:	Rinse mouth with water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. If a person vomits when lying on his back, place him in the recovery position. Call a physician immediately.

5. FIRE FIGHTING MEASURES

Extinguishing media

Suitable media	extinguishing	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
Unsuitable media	extinguishing	High volume water jet

Special hazards arising from the substance or mixture

Specific hazards during firefighting	The vapour may be invisible, heavier than air and spread along ground. Vapours may form explosive mixtures with air. Flash back possible over considerable distance. Heating or fire can release toxic gas. Highly flammable liquid and vapour.
Hazardous combustion products	Carbon dioxide (CO ₂), Carbon monoxide, Smoke

Advice for firefighters

Special protective equipment for firefighters	In the event of fire, wear self-contained breathing apparatus. Wear personal protective equipment.
Further advice	Cool closed containers exposed to fire with water spray. Heating will cause a pressure rise - with risk of bursting. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, Environmental precautions protective equipment and emergency procedures

Personal precautions:	Use personal protective equipment. Keep away unprotected persons. Provide adequate ventilation. Keep away from heat and sources of ignition. Avoid contact with skin, eyes and clothing. Do not breathe vapours or spray mist.
Environmental precautions:	Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration. If the product contaminates rivers and lakes or drains inform respective authorities
Methods and materials precautions:	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations.
Recovery:	Sweep up spilled material into suitable containers for disposal.

7. HANDLING AND STORAGE

Handling:	Technical Measures: Ensure adequate ventilation & keep away from sources of ignition. Do not breathe vapours. Avoid contact with eyes. Safe handling advice: Work only in a well-ventilated area. Immediately wipe up spilled material from floors as it constitutes a serious slip hazard.
Storage conditions:	Store in originally supplied container in a well-ventilated area. Keep away from sources of ignition, sparks, flame etc.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Personal hand protection equipment recommended:	None required.
Personal respiratory protection equipment recommended:	No special precautions.
Personal eye protection equipment recommended:	Splash proof safety goggles should be worn when mixing/pouring the product. Safety goggles should meet EN 166 standard.
Personal skin and body protection equipment recommended:	None required.

General industrial hygiene measures should be adopted when using this product. Do not smoke or consume food/drinks when using this adhesive.

9. PHYSICAL AND CHEMICAL PROPERTIES (Not Specifications)

Physical Appearance:

Form:	Thin liquid
Colour:	Clear
Odour:	Alcohol
Solubility in Water:	Highly soluble
Vapour Pressure:	N/A
PH: Typically:	N/A
Flash Point:	N/A
Explosive Limits (% volume in air):	N/A
Relative density (g/ml @ 20 Degrees Celsius):	N/A

10. STABILITY AND REACTIVITY

Reactivity:	No hazardous reaction anticipated if the instructions for handling and storage are followed.
Stability:	The product is stable under the handling and storage recommendations.
Conditions to be avoided:	Keep away from sparks, flames, ignition, heat etc.
Hazardous materials to avoid:	Strong oxidising agents.

11. TOXICOLOGICAL INFORMATION

Eye Contact:	May cause temporary irritation and redness of eyes.
Skin Contact:	Prolonged contact may cause dry skin.
Inhalation:	May cause drowsiness, headache and dizziness in high concentrations.
Ingestion:	If ingested, it may cause similar effects of inhalation along with stomach pain/ vomiting.

12. ECOLOGICAL INFORMATION

Toxicity:	Non toxic
Persistence/Degradability:	Biodegradable.
Bioaccumulation:	Not expected to bio accumulate.
Other Environmental Effects:	N/A

13. DISPOSAL CONSIDERATIONS

Product:	Treat as industrial waste. Process on site or send to a registered waste contractor for disposal.
Packaging:	Treat as combustible material

14. TRANSPORT INFORMATION

UN Number:	None
Primary Hazard:	None
Packaging Group:	None
RID/ADR Item:	None
Emergency Action Code:	None

15. HAZARD IDENTIFICATION

Labelling according to Regulation (EC) No 1272/2008

Hazard symbols:



Signal word: Danger

Hazard statements:

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Precautionary statements

Prevention:

P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P243 Take precautionary measures against static discharge.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

Response:

P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

Storage:

P403 + P235 Store in a well-ventilated place. Keep cool.
P337 + P313 If eye irritation persists: Get medical advice/ attention.
P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish.

Hazardous components which must be listed on the label:

- Propan-2-ol

16. REGULATORY INFORMATION

A chemical safety assessment has not been carried out for the substance or the mixture.

17. OTHER INFORMATION

This safety data sheet was prepared in accordance with:

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) and subsequent amendments; and

Regulation (EC) No. 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) and subsequent amendments.

The aim of the mandatory regulations mentioned in this document is to help the product user to fulfil his obligations regarding the use of hazardous products. The information above is not exhaustive and it should be used in conjunction for the Technical Data Sheet for this product. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it is intended. This does not in any way excuse the user from knowing and applying all of the regulations governing his activity. It is the sole responsibility of the user to take all precautions required to handle this product. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility.

DISCLAIMER

The information contained in this 4-page document is based on the present state of our knowledge. It characterises the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.

This data sheet does not constitute a user's assessment of workplace risk as required by HSW Act, COSHH, Management of Health and Safety at Work Regulations or other Health and Safety Regulations as may be applicable in other geographical areas in which the product is used.