

SDS	SAFETY DATA SHEET		SDS
	Edition: 1 Revision: 0 Date: 04/03/2020		

Compliant with Regulations (CE) n. 1907/2006, (CE) n.1272 / 2008, (UE) n. 453/2010 (Annex II)
Compliant with Regulations (CE) n. 2032/2003

SECTION 1
IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY

1.1 Mixture identifier

Mixture name:	HAND SANITIZER
	80502621385593 (pack of 1 L) 80502621385609 (pack of 500 ml) 80502621385593 (pack of 250 ml) 8050262138586 (pack of 120 ml) 8050262138579 (pack of 90 ml) 8050262138562 (pack of 60 ml) 8050262138555 (pack of 30 ml)

1.2. Relevant identified uses and uses advised against

Relevant identified uses: Gel to sanitize hands and intact skin.
Advised uses: Uses advised are not foreseen.

1.3. Details of the supplier of the safety data sheet

Producer:		
-----------	--	--

1.4 Emergency telephone number

Number

SECTION 2
DANGERS IDENTIFICATION


2.1 Classification of the mixture

In accordance with the (CE) n. 1272/2008:

Danger Class	Class and category codes of danger	Danger statement codes	Danger statements
	Flam Liq. 2	H225	Highly flammable liquid and vapor

Classification according to Directive 1999/45 / EC:

F, R11 Easily flammable

SDS	SAFETY DATA SHEET	SDS
		Edition: 1 Revision: 0 Date: 04/03/2020

Main adverse effects:

Chemical-physical effects:

The mixture is highly flammable; vapors can form flammable and explosive mixtures with air.

Health effects:

Ingestion: the preparation, if ingested, can cause irritation to the gastrointestinal system.


Eye contact: may cause irritation.

Skin contact: may cause an allergic reaction.

Under normal conditions of use, the mixture does not cause adverse effects on the environment.

2.2 Label elements

Label elements, in accordance with Regulation (EC) n.1272/2008:

Pictogram	
Warning	Danger
Danger statement	H225: Highly flammable liquid and vapor.
Precautionary Advice	P101: If you consult a doctor, keep the container or product label with you. P102: Keep out of the reach of children. P210: Keep away from heat / sparks / open flames / heated surfaces. --- Not smoking. P233: Keep container tightly closed. P370 + P378: In case of fire, extinguish with powder, alcohol-resistant foam, water spray, carbon dioxide. P403 / P235: Store in a cool, well-ventilated place.
Additional information:	Ingredients: Alcohol, Water, Hydrogen peroxide, Glycerin, Aroma, Carbomer

SECTION 3

COMPOSITION / INFORMATION ABOUT INGREDIENTS

Dangerous components:

Name	EC number	CAS number	Conc % (p/p)	Classification (67/548/CEE)	Classification (1272/2008/CE)	Occupational exposure
Isopropyl alcohol (2-propanol) I	200-661-7	67-63-0	66-75	F, R11	Flam. Liq. 2, H225	See section 8.
Demineralized water	-	-	-	-	-	

SDS	SAFETY DATA SHEET					SDS
						Edition: 1 Revision: 0 Date: 03/04/2020

Hydrogen peroxide	-	-	4,5	-	-	
Glycerine	200-289-5	56-81-5	1,5	-	-	
Aromas						
Carbomer						

SECTION 4 FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact:	Wash with water for at least 15 minutes lifting the eyelids, consult a doctor urgently if irritation persists.
Ingestion:	Drink plenty of water immediately, do not induce vomiting, call a doctor immediately and possibly show him the following card or product label. Do not give anything to the person if they are unconscious.
Inhalation:	Move the person outdoors to a well-ventilated place. Consult a doctor if irritation persists.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and acute effects:	<p>Ingestion can cause irritation of the oral mucous membranes and the upper part of the digestive system. Ingested in large quantities, it can cause blood pressure drops, anesthesia, narcosis, headache, dizziness, depression, dyspnoea, nausea and vomiting.</p> <p>Contact with eyes causes redness, with a burning sensation.</p> <p>Repeated and prolonged skin contact can cause irritation, with redness and dryness of the skin.</p> <p>Inhalation of the product can cause irritation of the nose and throat, with cough and sore throat; and possible symptoms of drowsiness at high vapor concentrations.</p>
Delayed symptoms and effects:	Delayed symptoms and effects are not known.

4.3 Indication of any immediate medical attention and special treatment needed

- Immediate specific treatment:	Arrange emergency showers and eyewashers.
---------------------------------	---

SDS	SAFETY DATA SHEET	SDS
		Edition: 1 Revision: 0 Date: 03/04/2020

SECTION 5 FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media: Powder, alcohol-resistant foam, water spray, carbon dioxide.
 Unsuitable extinguishing media: Full jet water could be ineffective; use jets of water to cool the containers exposed to flames and heat.

5.2 Special hazards arising from the mixture

Dangerous combustion products: In case of combustion it can produce toxic fumes containing COx.
 Other special dangers: No other special hazards are foreseeable.

5.3 Recommendations for firefighters

- Technical protection recommendations: Cool the containers with water jets. Do not try to extinguish the fire without using an autonomous respiratory device (SCBA) and suitable protective clothing.
 - Special Protection Devices for firefighters: Wear boots, gloves, suits, eye and face protection, suitable respirators, compliant with the relevant UNI standards for Italy and EN for Europe. Use the devices indicated in the maximum precautionary conditions on the basis of the information given in the previous subsections.

SECTION 6 ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For those who do not intervene directly
 Ventilate the area; remove all possible sources of ignition and heat.
 In case of fire and / or explosions avoid breathing fumes and vapors.
 Put on appropriate personal protective equipment (see section 8).
 For those who intervene directly
 Wear suitable protective devices (see Section 8) to minimize exposure to the product.

6.2 Environmental precautions

In case of accidental release or spillage, avoid that the mixture reaches the drains and surface or groundwater. If the product has flowed into a stream, into the sewer system or has contaminated the soil or vegetation, notify the competent authorities.

6.3 Methods and materials for containing the remediation

- Methods of containment: Eliminate all open flames and possible sources of ignition. Provide for one sufficient ventilation.
 - Methods for remediation: Stop the spill as much as possible. Collect the spilled material with non-sparking equipment; absorb the product with inert absorbent materials (e.g. vermiculite, sand or earth), wearing appropriate protective equipment; and place it in a clean and dry container. Do not use combustible materials (e.g. sawdust) to absorb the product. Wash the area with plenty of water.

SDS	SAFETY DATA SHEET	SDS
		Edition: 1 Revision: 0 Date: 03/04/2020

SECTION 7 HANDLING AND STORAGE

7.1. Precautions for Safe Handling

Recommendations for handling:	Do not use on damaged skin or mucous membranes.
	Avoid contact with eyes.
	Keep the mixture away from water drains.
Professional hygiene recommendations:	Do not eat, drink and smoke in the work areas.
	Remove contaminated clothing before entering areas where you eat.

7.2. Conditions for safe storage, including any incompatibilities

The recommendations indicated in this section depend on the chemical-physical properties described in section 9. The appropriate risk management measures, to be adopted in the workplace, must be selected and applied following the risk assessment carried out by the employer, in relation to one's work activity (in accordance with directive 98/24 / EC, implemented by Legislative Decree 81 of 9 April 2008 and subsequent amendments).

Storage recommendations:	Avoid high temperatures, heat sources and exposure to direct sunlight. Store in a cool, well-ventilated place. Protect from humidity.
	The storage places must be connected to earth to avoid the accumulation of electrostatic charges.

7.3. Specific end uses

Recommendation for end use as a hand sanitizing gel: the product is highly flammable, use away from sources of ignition; avoid contact with eyes, do not use on damaged skin or mucous membranes.

SECTION 8 EXPOSURE CONTROL / PERSONAL PROTECTION

8.1. Control parameters

Community / national occupational exposure limit values:	Kofori limit - 8 hours	Kofori limit - short term
--	------------------------	---------------------------

isopropyl alcohol

	ppm	mg/m ³	ppm	mg/m ³
Austria	1000	1900	2000	3800
Belgium	1000	1907		
Denmark	1000	1900	2000	3800
France	1000	1900	5000	9500
Germany (AGS)	500	960	1000	1920
Germany (DFG)	500	960	1000	1920
Italy				
Poland		1900		
Netherlands		260		1900
UK	1000	1920		

Average value over 15 minutes

SDS	SAFETY DATA SHEET		SDS
			Edition: 1 Revision: 0 Date: 03/04/2020

Non-EU occupational exposure limit values:

TLV - STEL (Isopropyl alcohol): 1000 ppm (2008) (z)
OSHA PEL for general industry: TWA s " = 1000 ppm (1900 mg / m '), 1994 (') NIOSH Recommended exposure limit for isopropyl alcohol - air (REL): 10 hours time weighted average, 1000 ppm (3)
NIOSH IDLH: 3300 ppm, 10% LEL (4)

Community / national biological limit values:

Not defined.

Non-EU biological exposure indices (IBE):

Not present in consulted databases.

Environmental monitoring procedures:

The measurement of substances in the work environment must be carried out with standardized methods (e.g. UNI EN 689: 1997: Atmosphere in the work environment - Guide to the assessment of exposure by inhalation to chemical compounds for the purpose of comparison with limit values and measurement strategy; UNI EN 482: 2006: Atmospheres in the workplace - General requirements for the performance of procedures for measuring chemical agents) or, in their absence, with appropriate methods.

8.2. Exposure controls

Appropriate technical exposure control measures, to be adopted in the workplace, must be selected and applied following the risk assessment carried out by the employer, in relation to his / her job (in accordance with Directive 98/24 / EEC , implemented by Legislative Decree 81 of 9 April 2008 and subsequent amendments). If the results of this assessment demonstrate that general and collective preventive measures are not sufficient to reduce the risk, and if exposure to the mixture cannot be prevented by other means, adequate personal protective equipment must be adopted, compliant with the relevant UNI / EN technical standards.

Eye / face protection:

No special protections are necessary during normal use of the product. In case of prolonged contact and handling of large quantities, wear safety glasses. (EN 166).

Respiratory protection:

No special protections are necessary during normal use of the product; in case of handling of large quantities and in situations that may involve the formation of vapors / aerosols, wear appropriate filtering facepieces.

Environmental exposure control:

Do not allow the product to reach surface or groundwater.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance: colorless gelatinous liquid
Odor: typical
pH: 7.0
Freezing point: not available

SDS	SAFETY DATA SHEET	SDS
		Edition: 1 Revision: 0 Date: 03/04/2020

Boiling point:	date not available
Flash point:	<21 ° C
Relative density:	date not available
Solubility in water:	date not available
Viscosity:	date not available

9.2. Other information

Not available

SECTION 10 STABILITY AND REACTIVITY

10.1. Reactivity

Isopropyl alcohol reacts with strong oxidizing and reducing agents.

10.2. Chemical stability

The mixture is stable under normal temperature and pressure conditions and if stored in closed containers in a cool, well-ventilated place.

10.3. Possibility of dangerous reactions

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid

Do not expose to direct sunlight, heat sources and high temperatures. Keep away from oxidising materials.

10.5. Incompatible materials

Avoid contact with strong oxidizing and reducing agents, strong acids and bases.

SDS	SAFETY DATA SHEET	SDS
		Edition: 1 Revision: 0 Date: 03/04/2020

SECTION 11 DISPOSAL CONSIDERATIONS

11.1. Waste treatment methods

Refer to the community / national / local provisions on waste disposal.

SECTION 12 REGULATORY INFORMATION

This section contains the other information on the regulation of the mixture that has not already been provided in the safety data sheet.

12.1 Specific health, safety and environmental standards and legislation for the mixture

- Council Directive 89/391 / EEC of 12 June 1989 concerning the implementation of measures aimed at promoting the improvement of the safety and health of workers at work and subsequent SMIs and national transpositions.
- Council Directive 89/686 / EEC of 21 December 1989 on the approximation of the laws of the Member States relating to personal protective equipment
- Council Directive 98/24 / EC (7 April 1998) "on the protection of the health and safety of workers against the risks arising from chemical agents at work (fourteenth particular directive pursuant to Article 16 (1) of the directive 89/391 / EEC) and subsequent SMI and national transpositions

Recommended restrictions on use (per component): None.

Mixture which contains substance under Authorization: None

12.2. Valutazione della sicurezza chimica

Not done

Information relating to health, safety, and environmental protection in accordance with Regulation (EC) N. 1272/2008 on dangerous components:

Danger statement list:

H225	Highly flammable liquid and vapor.
H317	May cause an allergic skin reaction.
H331	Toxic if inhaled.
H311	Toxic in contact with skin.
H301	Toxic if swallowed.
H314	Causes severe skin burns and eye damage. H315 Causes skin irritation
H319	Causes serious eye irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Information relating to health, safety and environmental protection in accordance with Directive 67/548 / CEE and Regulation (CE) n. 1907/2006 on dangerous components.

List of R phrases:

R11	Highly flammable
R43	May cause sensitization by skin contact
R23 / 24/25	Toxic by inhalation, in contact with skin and if swallowed
R34	Causes burns
R50 / 53	Very toxic to aquatic organisms, may cause long-term adverse effects

SDS	SAFETY DATA SHEET	SDS
		Edition: 1 Revision: 0 Date: 03/04/2020

R36 / 38

the aquatic environment
Irritating to eyes and skin.

Training instructions: Follow the provisions of Directive 98/24 / EC and subsequent SMI and national transpositions.

Classification and procedure used to derive it according to regulation (EC) 1272/2008 (CLP) in relation to mixtures:

Classification according to regulation (EC) no. 1272/2008:	Classification procedure:
Flam Liq. 2	Based on the physical-chemical properties of the mixture

NOTICE TO USERS

This document is intended to provide guidance for appropriate and precautionary handling of this product by qualified personnel or who work under the supervision of personnel experienced in handling chemicals. The product must not be used for purposes other than those indicated in section 1, unless adequate written information has been received on how to handle the material. The person in charge of this document cannot provide warnings on all the dangers deriving from the use or interaction with other chemicals or materials. The user is responsible for the safe use of the product, the suitability of the product for the use for which it is applied and the correct disposal. The following information is not to be considered a declaration or a guarantee, whether expressed or implied, of merchantability, of suitability for a particular purpose, of quality, or of any other nature. The information contained in this SDS complies with the provisions of Annex II of Regulation no. 453/2010 / EU.