

SANITIZER**SAFETY DATA SHEET**

REACH regulation (EC) n° 1907/2006 - Annex II

SECTION 1 : IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1. Product identifier**

Product name : SANITIZER

Product code : 03SV0203

1.2. Relevant identified uses of the substance or mixture and uses advised against

Hand disinfection by friction.

1.3. Details of the supplier of the safety data sheet

Registered company name : MP hygiene

Address : 119 rue de soras - 07430 DAVEZIEUX

Telephone : 04 75 33 75 00 Fax : 04 75 33 37 38

Mail box : contact@mphygiene.comWeb site : <https://www.mphygiene.com>**1.4. Emergency telephone number : +33 (0)1 45 42 59 59**Association/Organisation : INRS / ORFILA <http://www.centres-antipoison.net>**SECTION 2 : HAZARDS IDENTIFICATION****2.1. Classification of the substance or mixture****In compliance with EC regulation No. 1272/2008 and its amendments**

Serious eye damage/eye irritation, Hazard Category 2 (Eye irrit. 2, H319)

Flammable liquids, Hazard Category 2 (Flam. Liq. 2, H225)

This mixture is not classified for environmental hazard.

2.2. Label elements

The mixture is a biocidal product, PT1.

In compliance with EC regulation No. 1272/2008 and its amendments

Hazard pictograms :

**Signal Word :**

DANGER

Hazard statements :

H319 Causes serious eye irritation.

H225 Highly flammable liquid and vapour.

Precautionary statements :

P102 Keep out of reach of children.

P101 If medical advice is needed, have product container or label at hand.

P280 Wear eye protection.

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.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P273 Avoid release to the environment.

P501 Dispose of the contents and its container in appropriate collectors in accordance with

SANITIZER**2.3. Other hazards**

The mixture does not contain substances classified as "Substances of Very High Concern" (SVHC) $\geq 0,1\%$ published by the European Chemicals Agency (ECHA) under article 57 of REACH: <http://echa.europa.eu/fr/candidate-list-table>

The mixture fulfils neither the PBT nor the vPvB criteria for mixtures in accordance with annexe XIII of the REACH regulations EC 1907/2006

SECTION 3 : COMPOSITION/INFORMATION ON INGREDIENTS**3.2. Mixtures****Composition :**

Identification	(EC) 1272/2008	Note (VLE/CMR)	%
CAS : 64-17-5 CE : 200-578-6 REACH N° : 01-2119457610-43 Ethanol	Flam. Liq. 2, H225 Eye irrit. 2, H319	[1]	60 - 70
CAS : 67-63-0 CE : 200-661-7 REACH N° : 01-2119457558-25 2-propanol	Flam. Liq. 2, H225 Eye irrit. 2, H319 STOT SE 3, H336	[1]	1 - 5

(Full text of H-phrases: see section 16)

Information on ingredients :

[1] Substance for which maximum workplace exposure limits are available

SECTION 4 : FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

Never induce swallowing by an unconscious person.

4.1. Description of first aid measures**In the event of exposure by inhalation :**

Breathe fresh air and keep warm and at rest.

In the event of an allergic reaction, seek medical attention

In the event of splashes or contact with eyes :

Wash thoroughly with fresh, clean water for 15 minutes holding the eyelids open

Whatever the initial condition, always refer the subject to an ophthalmologist, showing the label.

In the event of splashes or contact with skin :

Remove contaminated clothing

In the event of swallowing :

Do not give the patient anything orally

Keep the person exposed at rest. Do not force vomiting

Seek medical attention immediately, showing the label

4.2. Most important symptoms and effects, both acute and delayed

No data available

4.3. Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5 : FIREFIGHTING MEASURES

Flammable

Chemical powders, carbon dioxide and other extinguishing gas are suitable for small fires.

5.1. Extinguishing media

In the event of a fire, use :

- sprayed water or water mist
- water with AFFF (Aqueous Film Forming Foam) additive
- halon
- foam

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- multipurpose ABC powder

-BC powder

- carbon dioxide (CO₂)

In the event of a fire, do not use :

- water jet

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke

In the event of a fire, the following may be formed :

- carbon monoxide (CO)

- carbon dioxide (CO₂)

SECTION 6 : ACCIDENTAL RELEASE MESURES**6.1. Personal precautions, protective equipment and emergency procedures**

Consult the safety measures listed under heading 7 and 8

For non first aid worker

Avoid any contact with the skin and eyes

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (see section 8)

6.2. Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal

Prevent any material from entering drains or waterways

6.3. Methods and material for containment and cleaning up

If the soil is soiled, and after recovery of the product by wiping it with an inert absorbent material and not combustible, wash the surface that has been soiled with plenty of water.

Clean preferably with a detergent, do not use solvents

6.4. Reference to other sections

Refer to section 7 - Handling and storage

Refer to section 8 - Exposure Controls and Personal Protection

Refer to section 13 - Disposal considerations

SECTION 7 HANDLING AND STORAGE**7.1. Precautions for safe handling**

Close the cap tightly after use.

Fire prevention

Prevent access by unauthorised personnel

Recommended equipment and procedures :

For personal protection, see section 8

Observe precautions stated on label and also industrial safety regulations

Prohibited equipment and procedures :

No smoking, eating or drinking in areas where the mixture is used

7.2. Conditions for safe storage, including any incompatibilities

Keep out of reach of children

Storage

Keep away from food and drink, including animal feeds and drinks

The floor of the premises will be impermeable and will form a retention basin so that, in the event of an accidental spill, the liquid cannot spread outside.

Packaging

Always keep in packaging made of an identical material to the original

Keep the bottle in an upright position

7.3. Specific end use(s)

Please refer to paragraph 1 concerning the use of the product

SECTION 8 : EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters**

SANITIZER**Occupational exposure limits :**

- France (INRS - ED984 : 2016)

Name	CAS	VLE moy (8h) VLE CT	TMP
Ethanol	64-17-5	1000 ppm - 5000ppm - 1900 mg/m3 9500mg/m3	84
2-propanol	67-63-0	400 ppm- 980 mg/m3	84

8.2. Exposure controls**Personal protection measures, such as a personal protective equipment**

Use personal protective equipment that is clean and has been properly maintained

Store personal protective equipment in a clean place, away from the work area

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure there is adequate ventilation, especially in confined areas

- Eye/face protection

Avoid contact with eyes

Before any handling, it is necessary to wear side protection goggles complying with standard NF EN166.

Prescription glasses are not considered as protection

Individuals wearing contact lenses should wear prescription glasses during work where they may be exposed to irritant vapours

Provide eyewash stations in facilities where the product is handled constantly

- Hand protection

Not concerned.

- Body protection

Not concerned.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties****General information :**

Physical state : Viscous liquid

Color : Colorless

Odour : Alcohol

Important health, safety and environmental information

pH : 8 +/- 0,5

Boiling point/boiling range : No data

Flash Point : 22°C

Vapour pressure (50°C) : No data

Density : 0,88

Water solubility : 950 +/- 200 mPa.s (rpm 100, M3)

Melting point/melting range : No data

Self-ignition temperature : No data

Decomposition point/decomposition range : No data

Point/intervalle de décomposition : No data

9.2. Other information

No data available

SECTION 10 : STABILITY AND REACTIVITY**10.1. Reactivity**

The mixture is stable under handling and storage normal conditions

10.2. Chemical stability

The mixture is stable under the recommended handling and storage conditions in section 7

10.3. Possibility of hazardous reactions

None known in the present state of our knowledge

10.4. Conditions to avoid

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Avoid

- the frost
- heat
- moisture
- exposure to light

10.5. Incompatible materials

Do not mix with other products

10.6. Hazardous decomposition products

The thermal decomposition may release/form :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

SECTION 11 : TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects**

The mixture is classified as hazardous to health on the basis of the available data and calculation rules laid down in Regulation (EC) 1272/2008.

11.1.1. Substances

Acute toxicity :

No data

11.1.2 Mixture

Acute toxicity :

On the basis of the available data, classification criteria are not reached

Skin corrosion/skin irritation :

On the basis of the available data, classification criteria are not reached

Serious damage to eyes/eye irritation :

Causes serious eye irritation. Eye Irrit 2. H319.

Respiratory or skin sensitisation :

On the basis of the available data, classification criteria are not reached

Germ cell mutagenicity :

On the basis of the available data, classification criteria are not reached

Carcinogenicity :

On the basis of the available data, classification criteria are not reached

Reproductive toxicant :

On the basis of the available data, classification criteria are not reached

Specific target organ systemic toxicity- single exposure :

On the basis of the available data, classification criteria are not reached

Specific target organ systemic toxicity- repeated exposure :

On the basis of the available data, classification criteria are not reached

Aspiration hazardous :

On the basis of the available data, classification criteria are not reached

SECTION 12 : ECOLOGICAL INFORMATION**12.1. Toxicity****12.1.1. Substances**

No data available

12.1.2. Mixtures

The mixture is not classified dangerous for environment in accordance with CLP 1272/2008 rules

12.2. Persistence and degradability

No data available

12.2.1. Substances

No data available

12.3. Bioaccumulative potential

No data available

12.4. Mobility in soil

No data available

SANITIZER**12.5. Results of PBT and vPvB assessment**

No data available

12.6. Other adverse effects

No data available

SECTION 13 : DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC

13.1. Waste treatment methods

Do not pour into drains or waterways

Waste :

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company

Do not contaminate the ground or water with waste, do not dispose of waste into the environment

Soiled packaging :

Empty container completely. Keep label(s) on container

Give a certified disposal contractor

SECTION 14 : TRANSPORT INFORMATION

Transport product in compliance with provisions of the ADR for road, RID for rail, IMDG for sea and ICAO/IATA for air transport (ADR 2019 - IMDG 2016 - ICAO/IATA 2017)

14.1. UN number

UN 1993

14.2. UN proper shipping name

UN1993 = FLAMMABLE LIQUIDS, N.S.O.

(Ethanol)

14.3. Transport hazard class(es)

3

14.4. Packing group

II

14.5. Environmental hazards

-

14.6. Special precautions for user

ADR/RID :

Code	Label	QL	Provis.	EQ	Cat.	Tunnel
F1	3	1L	274 601 640D	E2	2	E

IMDG :

	QL	FS	Provis.	EQ
	1L	F-E,S-E	274	E2

IATA :

Passager	Quantity	Cargo	Provis.	note	EQ
353	5L	364	60 L	A3	E2
Y341	1L			A3	E2

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not concerned.

SECTION 15 : REGULATORY INFORMATION**15.1. Safety, Health and environmental regulations/legislation specific for the substance or mixture**

- Classification and labelling information included in section 2

The following regulations have been used :

- Regulation (EC) n°1272/2008 and adaptations

- Container information :

No data available

SANITIZER**- Particular provisions :**

No data available

- Labelling of detergent (Regulation (EC) No 648/2004) :

The product is not a detergent

- Labelling of biocidal product (Regulation (EC) No 528/2012) :

Biocidal hand hygiene product PT 1

Biocidal substances :

Ethanol (CAS 64-17-5) 62,3% m/m.

Propan-2-ol (CAS 67-63-0) 3,3% m/m

15.2. Chemical safety assessment

The chemical safety assessment is carried out for the substances concerned. The data is indicated in the different sections of the safety data sheet

SECTION 16 : OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions

It is all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof

Wording of the phrases mentioned in section 3 :

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

Abbreviations :

ADR : European agreement concerning the international carriage of dangerous goods by Roads

IMDG : International Maritime Dangerous Goods

IATA : International Air Transport Association

ICAO : International Civil Aviation Organisation

RID : Regulations concerning the International carriage of Dangerous goods by rail

PBT : Persistent, bioaccumulable and toxic

vPvB : Very persistent, very bioaccumulable

SVHC : Substance of Very High Concern

UPDATE: cancels and replaces the previous version

- § 9.