

1. Identification of the substance/preparation and of the company/undertaking

1.1. Product identifier

Molecular formula: Mixture

Trade name: FineFIX Concentrate

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

IVD Laboratory Reagent.

1.3. Details of the supplier of the safety data sheet:

Milestone s.r.l.
Via Fatebenefratelli, 1/5
I-24010 Sorisole (BG)
Tel.: 0039 035.572735
email: medical@milestonesrl.com

1.4. Emergency telephone number:

MILESTONE S.R.L. – tel: 0039 035 572735
From 8:30 to 12:30 and 13:30 to 17:30, from Monday to Friday (Time zone: ITALY/ROME)

2. Hazards identification

2.1. Classification of the :

Danger: Considerate as not dangerous.

Information of specific danger for human and environment: Considerate as not dangerous.

Substance or mixture is not danger according to Regulation n. 1272/2008/EC.

2.2 Label elements

The product does not need to be labelled in accordance with EC directives.

2.3 Other hazards

None

3. Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Chemical characterization:

Name	CAS No.	Description	EINECS Number:	CONCENTRATION
Water	7732-18-5		231-791-2	n. a.
Polyvinyl alcohol	57-55-6		209-183-3	n. a.
Propylene glicol	9002-89-5		200-338-0	n. a.
Sorbitol	50-70-4		200-061-5	n. a.

4. First-aid measures

4.1. Description of first aid measures:

General information: Consult a doctor. Show this safety data sheet to physician.

If inhaled

Move to fresh air, if symptoms persist consult your doctor. In case of arrest of not breathing, give artificial respiration.

In case of skin contact

Generally the product does not irritate the skin. Wash off with soap and plenty of water. Consult a physician.

In case of eye contact

Rinse thoroughly with plenty of water for at minutes, holding the eyelids apart and seek medical attention.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water. If the symptoms persist, consult a doctor.


4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in Section 2.2, on the label or in section 11.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

5. Fire-fighting measures

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5.1 Extinguishing media

Suitable extinguishing media

Dry chemical or CO₂, powder or alcohol-resistant foam. Fight larger fires with water spray or alcohol resistant foam.

5.2 Special hazards arising from the substance or mixture

Carbon oxides

5.3 Advice for fire fighters

As in any fire, if you must wear a respiratory protection device with independent air supply.

5.4 Further information

No data available

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Do not breathe vapour / mist / gas. Provide adequate ventilation

See section 8 for personal protective equipment

Wear protective equipment against the effects of fumes. In the case of vapour / aerosol use of personal protective equipment.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For information on safe handling See Section 7.

For information on personal protection equipment see Chapter 8.

For disposal see section 13.

7. Handling and storage

7.1 Precautions for safe handling

Avoid contact with eyes and skin. Do not inhale vapours and mists. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

7.3 Specific end uses

Aside from the uses described in section 1.2. are not covered by other specific uses.

8. Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit value.

8.2. Exposure controls

Handle in accordance with good hygiene and safety practice. Wash your hands before breaks and at the end of the workday.

Personal protective equipment

Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (U.S.) or EN 166 (EU).


Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

If used in solution, or mixed with other substances, and under conditions which differ from EN 374, contact the supplier of the CE approved gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers. It should not be construed as offering an approval for any specific use scenario.

Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances,

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and to the specific work-place. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

a)	Appearance	Physical State: Liquid Colour: Clear / almost colourless
b)	Odor	No data available
c)	Odor threshold	No data available
d)	pH	5.5-6.2
e)	Melting point	No data available
f)	Initial boiling point	No data available
g)	Flash point	No data available
h)	Evaporation rate	No data available
i)	Flammability (solid gas)	No data available
j)	Upper and Lower flammability	No data available
k)	Vapour pressure	No data available
l)	Vapour density	No data available
m)	Relative density	1g/cm ³ (approx)
n)	Water solubility	Complete
o)	Partition coefficient: n-octane/water	Miscible with water, ethanol; not miscible with acetone, ethyl ether, toluene, hexane and dichloromethane.
p)	Auto ignition temperature	No data available
q)	Decomposition temperature	No data available
r)	Viscosity	No data available
s)	Explosive properties	No data available
t)	Oxidizing properties	No data available

9.2. Other information

No data available.

10. Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

Stable under recommended storage conditions

10.3 Possibility of hazardous reactions

No data available

10.4 Conditions to avoid

Exposure to light can affect the quality of the product

10.5 Incompatible materials

Acid chlorides, Acid anhydrides, oxidizing agents and strong oxidizing agents, chlorine formats, Reducing agents

10.6 Hazardous decomposition products

No known dangerous decomposition products of the same product


11. Toxicological information

11.1. Information on toxicological effects / Mixture

Acute toxicity:

No data available

Skin corrosion / irritation

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No data available

Serious eye damage / eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

IARC: 3 - Group 3: Not classifiable as to its carcinogenicity to humans (ethanol, homopolymer)

Reproductive toxicity

No data available

Specific target organ toxicity - single exposure

No data available

Specific target organ toxicity - repeated exposure

No data available

Danger Aspiration

No data available

12. Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability No further relevant information available.

No data available

12.3 Bio accumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

13. Disposal considerations

13.1 Waste treatment methods

Product

Dispose of as existing regulations.

Contaminated packaging

Dispose of as existing regulations.

Recommended cleansing agents: Water, if necessary together with cleansing agents

14. Transport information

14.1. UN-Number

ADR/RID: -

IMDG: -

IATA: -

14.2. UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3. Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA: -

14.4 Packing group

ADR/RID: -

IMDG: -

IATA: -

14.5 Environmental hazards:

ADR/RID: No


IMDG: Marine pollution: no

IATA: no

14.6 Special precautions for user

Not applicable.

15. Regulatory information

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This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

15.2 Chemical Safety Assessment

No data available

16. Other information

More information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.