

HEALTH & SAFETY DATA SHEET

TITLE 1 : Identification of the Substance / Preparation and Company

1.1. Identification of the preparation

Product form: Mixture
Product Name : EVOLITE - HAZER FLUID PRO - 5L , 20L

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

1.2.1. Relevant identified uses

Use of the substance / mixture: Liquid formulation used to produce an artificial hazer used in the entertainment events, shows, clubs, theaters...
Professional use and general public use

1.2.2. Uses deprecated

No additional information available

1.3. Identification of the company

MSC DISTRIBUTION - 7, avenue du 1er mai
91120 - PALAISEAU - FRANCE
Tel : +33 1 69 34 80 62 - Email : infos@msc-distribution.com

1.4. Emergency Telephone Number

| Country | Company | Emergency Number |
|---------|---------|-----------------------|
| France | ORFILA | +33 (0) 1 45 42 59 59 |

TITLE 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP] : Not Classified

Physicochemical harmful effects, for human health and the environment

To our knowledge, this product does not present any particular risk, subject to compliance with the general rules of industrial hygiene

2.2. Label Elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Child-resistant fastening: Not applicable

Tactile warning: Not applicable

2.3. Other Hazards

Contains no PBT/vPvB substances $\geq 0.1\%$ assessed in accordance with REACH Annex XIII

The mixture does not contain substance(s) included in the list established in accordance with Article 59(1) of REACH for having endocrine disrupting properties, or is not identified as having endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at a concentration equal to or greater than 0,1 %

TITLE 3 : Composition / information on ingredients

3.1. Substance Not applicable

3.2. Mixture

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH Annex II

| Product | Product Identifier | % | Classification according to Regulation EC No 1272/2008 (CLP) |
|----------------------------------|--|-----------|--|
| (2,2'-(ETHYLENEDIOXY) DIETHANOL) | (CAS Number) 112-27-6 (CE Number) 203-953-2 (N° REACH) 01-2119438366-35 | 14 - 26 % | Unclassified |

Full text of H-phrases: see section 16

TITLE 4 : First Aid

4.1. First aid indications

| | |
|-------------------------------|--|
| First aid after inhalation : | Remove the person to fresh air and keep her in a position comfortable for breathing. |
| First aid for skin contact: | Wash skin with plenty of water. |
| First aid after eye contact : | Rinse eyes with water as a precaution. |
| First aid after ingestion: | Call a poison control center or physician if you feel unwell. |

4.2. Main symptoms and effects, acute and delayed

No additional information available

4.3. Indication of immediate medical attention and special treatment needed

Symptomatic treatment.

TITLE 5 : Measures against fire

5.1. Extinguishing Media

| | |
|-------------------------------|--|
| Suitable extinguishing media: | Water spray. Dry powder. Foam. Carbon dioxide. |
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5.2. Special hazards arising from the substance or mixture

| | |
|--|---------------------------------|
| Hazardous decomposition products in case of fire : | Possible release of toxic fumes |
|--|---------------------------------|

5.3. Advice for firefighters

| | |
|----------------------------------|--|
| Protection during firefighting : | Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus Complete protective clothing |
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TITLE 6 : Measures Accidental Release

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non emergency personnel

| | |
|-----------------------|----------------------|
| Emergency Procedures: | Ventilate spill area |
|-----------------------|----------------------|

6.1.2. For emergency responders

| | |
|-----------------------|---|
| Protection Equipment: | Do not attempt to take action without suitable protective equipment.. For further information, refer to Section 8: "Control of individual exposure-protection ". |
|-----------------------|---|

6.2. Precautions for environmental protection

Avoid release into the environment.

6.3. Methods and materials for containment and cleaning

| | |
|--------------------------|--|
| Methods for cleaning up: | Take up liquid spill into absorbent material. |
| Other information's : | Dispose of materials or solid residues at an authorized site |

6.4. Reference to other sections

For more information, see Section 13.

TITLE 7 : Handling and storage

7.1. Precautions for safe handling

| | |
|--------------------------------|--|
| Precautions for safe handling: | Ensure good ventilation of the work station. Wear personal protective equipment. |
|--------------------------------|--|

| | |
|-------------------|---|
| Hygiene measures: | Do not eat, drink or smoke when using this product. Always wash hands after handling the product. |
|-------------------|---|

7.2. Conditions for safe storage, including any incompatibilities

| | |
|---------------------|---|
| Storage conditions: | Keep only in the original container. Keep in the dark Store in a well ventilated area. Store away from light. |
|---------------------|---|

| | |
|----------------------|-----------|
| Storage temperature: | 0 - 50 °C |
|----------------------|-----------|

7.3. Particular end use

No additional information available

TITLE 8: Exposure controls / personal protection

8.1. Control Parameters

- 8.1.1 National occupational exposure and biological limit values: No additional information available
- 8.1.2. Recommended monitoring procedures: No additional information available
- 8.1.3. Air contaminants formed: No additional information available
- 8.1.4. DNEL and PNEC : No additional information available
- 8.1.5. Control banding: No additional information available

8.2. Exposure controls

8.2.1 Appropriate engineering controls: Appropriate engineering controls: Ensure good ventilation of the work station.

8.2.2 Personal protective equipment symbol (s)



8.2.2.1. Eye and face protection Eye protection:

Safety glasses

8.2.2.2. Skin protection :

Skin and body protection:

Wear suitable protective clothing

Hand protection :

Protective gloves

8.2.2.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

8.2.2.4. Thermal hazards

No additional information available

8.2.3. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

TITLE 9 : Physical and chemical properties

9.1. Basic physical and chemical properties Information

| | |
|---|--|
| Physical state: | Liquid |
| Colour : | Colorless |
| Odour : | no smell |
| Odour threshold: | No data available |
| pH : | 7 – 8 |
| Relative evaporation rate (butylacetate = 1): | No data available |
| Fusion point: | Not applicable |
| Freezing point : | No data available |
| Boiling point : | 100 - 290 °C |
| Flash point : | > 175 °C |
| Auto ignition temperature : | 370 °C |
| Decomposition Temperature : | No data available |
| Flammability (solid, gas): | Not applicable |
| Vapor Pressure: | No data available |
| Relative vapor density at 20 ° C: | No data available |
| Relative density: | No data available |
| Density : | 1018 kg /m3 at 20°C. |
| Solubility : | Soluble in water. Partially soluble in organic solvents by the presence of glycolic derivative |
| Log Pow : | No data available |
| Kinematic viscosity: | No data available |
| Dynamic viscosity: | No data available |
| Explosive properties: | No data available |
| Oxidising properties: | No data available |
| Explosion limits: | No data available |

9.2. Other informations

- 9.2.1. Information with regard to physical hazard classes: No additional information available
- 9.2.2. Other safety characteristics: No additional information available

TITLE 10 : Stability and reactivity

10.1. Reactivity

The product is not reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

Reacts violently with oxidation agents

10.4. Conditions to avoid

None under conditions of storage and handling recommendations (see section 7).

10.5. Incompatible materials

Strong acids. oxidizing agent.

10.6. Hazardous decomposition products

Thermal decomposition generates: Carbon monoxide. Carbon dioxide.

TITLE 11 : Toxicological informations

11.1. Information on hazard classes as defined in Regulation (EC) n° 1272/2008

| | |
|--|----------------|
| Acute toxicity (oral) : | Not classified |
| Acute toxicity (dermal) : | Not classified |
| Acute toxicity (inhalation) : | Not classified |
| Skin corrosion/irritation : | Not classified |
| | pH 7 - 8 |
| Serious eye damage/irritation : | Not classified |
| | pH 7 - 8 |
| Respiratory or skin sensitisation : | Not classified |
| Germ cell mutagenicity Carcinogenicity : | Not classified |
| Reproductive toxicity : | Not classified |
| STOT-single exposure : | Not classified |
| STOT-repeated exposure : | Not classified |
| Aspiration hazard | Not classified |

11.2. Information on other hazards

No additional information available

TITLE 12 : Ecological informations

12.1. Toxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

12.2. Persistence and degradability

No additional information available

12.3. Potential for bioaccumulation

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

TITLE 13 : Considerations Disposal

13.1. Waste treatment methods

Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.

TITLE 14 : Transport informations

In accordance with the requirements of ADR / RID / IMDG / IATA / ADN

14.1. ONU number

| | |
|------------------|----------------|
| UN - N° (ADR) : | Not applicable |
| UN - N° (IMDG) : | Not applicable |
| UN - N° (IATA) : | Not applicable |
| UN - N° (ADN) : | Not applicable |
| UN - N° (RID) : | Not applicable |

14.2. Official shipping transport name ONU

| | |
|-------------------------------|----------------|
| Proper Shipping Name (ADR) : | Not applicable |
| Proper Shipping Name (IMDG) : | Not applicable |
| Proper Shipping Name (IATA) : | Not applicable |
| Proper Shipping Name (ADN) : | Not applicable |
| Proper Shipping Name (RID) : | Not applicable |

14.3. Hazard class for transport

ADR

Hazard class for transport (ADR) : Not applicable

IMDG

Hazard class for transport (IMDG) : Not applicable

IATA

Hazard class for transport (IATA) : Not applicable

ADN

Hazard class for transport (ADN) : Not applicable

RID

Hazard class for transport (RID) : Not applicable

14.4. Packing Group

| | |
|------------------------|----------------|
| Packing Group (ADR) : | Not applicable |
| Packing Group (IMDG) : | Not applicable |
| Packing Group (IATA) : | Not applicable |
| Packing Group (ADN) : | Not applicable |
| Packing Group (RID) : | Not applicable |

14.5. Environmental hazards

| | |
|--------------------------------|--|
| Dangerous for the environment: | No |
| Marine pollutant: | No |
| Other information's : | No supplementary information available |

14.6. Special precautions for user

| | |
|-----------------------------|-------------------|
| - Overland transport | No data available |
| - By sea transport | No data available |
| - Air transport | No data available |
| - Inland Waterway transport | No data available |
| - Rail transport | No data available |

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

TITLE 15 : Regulatory information

15.1. Regulations / legislation for the substance or mixture Safety, health and environment

15.1.1. EU regulations

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

Contains no substance subject to Regulation (EU) No 649/2012 of the European Parliament and of the Council of 4 July 2012 concerning the export and import of hazardous chemicals.

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants

Contains no substance subject to Regulation (EU) 2019/1148 of the European Parliament and of the Council of 20 June 2019 on the marketing and use of explosives precursors.

15.1.2. National regulations

| France | |
|-----------------------|---|
| Occupational diseases | |
| Code | Description |
| RG 84 | Conditions caused by liquid organic solvents for professional use: saturated or unsaturated aliphatic or cyclic liquid hydrocarbons and mixtures thereof; liquid halogenated hydrocarbons; nitrated derivatives of aliphatic hydrocarbons; alcohols; glycols, glycol ethers; ketones; aldehydes; aliphatic and cyclic ethers, including tetrahydrofuran; esters; dimethylformamide and dimethylacetamine; acetonitrile and propionitrile; pyridine; dimethylsulfone and dimethylsulfoxide |

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

TITLE 16: Other informations

| Indication of changes | | | |
|-----------------------|---------------|----------|----------|
| Section | Changed item | Change | Comments |
| | SDS EU format | Modified | |

| Abbreviations and acronyms | |
|----------------------------|---|
| ADN | European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways |
| ADR | European Agreement concerning the International Carriage of Dangerous Goods by Road |
| ATE | Acute Toxicity Estimate |
| BCF | Bio concentration factor |
| BLV | Biological limit value |
| BOD | Biochemical oxygen demand (BOD) |
| COD | Chemical oxygen demand (COD) |
| DMEL | Derived Minimal Effect level |
| DNEL | Derived-No Effect Level |
| EC - N° | European Community number |
| EC50 | Median effective concentration |
| EN | European Standard |
| IARC | International Agency for Research on Cancer |
| IATA | International Air Transport Association |
| IMDG | International Maritime Dangerous Goods |
| LC50 | Median lethal concentration |
| LD50 | Median lethal dose |
| LOAEL | Lowest Observed Adverse Effect Level |
| NOAEC | No-Observed Adverse Effect Concentration |
| NOAEL | No-Observed Adverse Effect Level |
| NOEC | No-Observed Effect Concentration |

| Abbreviations and acronyms | |
|----------------------------|--|
| OECD | Organisation for Economic Co-operation and Development |
| OEL | Occupational Exposure Limit |
| PBT | Persistent Bioaccumulative Toxic |
| PNEC | Predicted No-Effect Concentration |
| RID | Regulations concerning the International Carriage of Dangerous Goods by Rail |
| SDS | Safety Data Sheet |
| STP | Sewage treatment plant |
| ThOD | Theoretical oxygen demand (ThOD) |
| TLM | Median Tolerance Limit |
| VOC | Volatile Organic Compounds |
| CAS n° | Chemical Abstract Service number |
| N.O.S | Not Otherwise Specified |
| vPvB | Very Persistent and Very Bioaccumulative |
| ED | Endocrine disrupting properties |

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.