

**Material Safety Data Sheet according to decree (EG) 1907 / 2006**

Product name: "Cirrus Fluid 250ml &amp; Cirrus Fluid 2L"

Date of printing: 27.01.2023

Date of adaption: 27.01.2023

Others: Facultative Safety Data Sheet

**1. Name of the material or mixture and Company Identification****1.1 Product identifier**

Material name/Product name: "Cirrus Fluid 250ml &amp; Cirrus Fluid 2L"

Indes-Nr.: none

EG-Nr.: none

CAS-Nr.: none

REACH-Registrierungsnummer: inapplicable

**1.2 Relevant identified use of the material or mixture and disadvised uses**

Use: Fog- and smoke simulation

Identified use: none

**1.3 Particulars about the supplier who provides the Safety Data Sheet**

Manufacturer / Supplier: FireWare B.V.  
De Stek 5  
1771 SP Wieringerwerf

Phone: +3188-2526000  
Fax: +3188-2526090  
Homepage: www.fireware.nl  
E-Mail: info@fireware.nl

**1.4 Emergency call**

Emergency call: +3188-2526000 (Mo. - Fr., 9.00 a.m. - 05:00 p.m.)

Emergency e-mail: info@fireware.nl

**2. Possible risks****2.1 Categorisation of the material or mixture**

Appropriate to decree (EG) Nr. 1272/2008, addition VII (Materials):

Not categorised

Appropriate to rule 67/548/EWG or rule 1999/45/EG (Materials or Mixtures):

Not categorised

**2.2 Marking**

Appropriate to decree (EG) Nr. 1272/2008 (Materials)

Pictogram/Danger symbol: --

Signal word: --

Danger components

for the labelling: --

Danger advice/R-Sentences: --

Security advice/S-Sentences: --

More labelling elements: --

**2.3 Other risks**

Physical-chemical risks: See chapter 10.

Risks for human health: No special risks known

Risks for the environment: No special risks known

Other risks: none

Others: Not classified as dangerous concerning to EU criteria.

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### 3. Composition / Declaration of ingredients

#### **3.1 Materials**

The products are mixtures

#### **3.2 Mixtures**

Chemical characteristic: Mixture of higher alcohols and water

Ingredients: Contains no dangerous ingredients

### 4. First Aid Measures

#### **4.1 Description of the First Aid Measures**

After inhaling

the non-vaporized/solvent liquid: Obtain medical attention in case of any irritation.

In contact with skin: Rinse with water and soap

In contact with eyes: Rinse with water, obtain medical attention in case of any irritation.

If swallowed: Obtain medical attention in case of any irritation.

General advice: If used in common way no acute risks to be due.

#### **4.2 Important acute and delayed symptoms and effects**

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#### **4.3 Advices for immediate medical help or special care**

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### 5. Fire fighting measures

#### **5.1 Extinguishing device**

Applicable extinguishing device: The product is incombustible.  
Extinguish surrounding fire with foam, extinguish powder, carbon dioxide or water.

#### **5.2 Special risks caused by the material, its burning products or arising gas**

No special risks known.

#### **5.3 Special protective equipment for extinguishing device**

Explosions- and burning gases should not be inhaled. The fire fighting water should not be attained to the sewerage system/surface water or ground water.

### 6. Accidental release measures

#### **6.1 Personell precaution measures**

Slip hazard due to spilled or leaked product.

#### **6.2 Environment protection measures**

The product is not harmful to the environment.

Not to be attained to the sewerage system/surface water/ground water.

#### **6.3 Procedure for cleaning and absorption**

Absorbe with sand, ground or absorbent material and dispose according to local, administration directive. Small amounts (up to 1 liter) can be deluted with lots of water and can be disposed into the canalisation.

#### **6.4 Advice at other chapters**

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### 7. Handling and storage

#### 7.1 Advice for safe handling

Store in non-breakable canisters (supplied canister).

#### 7.2 Specification of storage room and canister

Storage room and canisters: Store only in closed canisters.  
Canisters have to be clean, dry and rust-free.

Advice for fire- and explosion prevention: No special measures needed

Storage temperature: Ambient temperature max. 60°C

Storage class: None

Advice for storage with other components: None

#### 7.3 Specific use

Fog- and smoke simulation

### 8. Exposure controls / Personell protection

#### 8.1 Additional advices

Additional advices for configuring technical Equipment: None

Ingredients causing work place limit value: None

#### 8.2 Personell protection, general protection- and hygiene measures

Inhalation protection: Not needed

Hand protection: Not needed

Eye protection: Not needed

Body protection: Not needed

### 9. Physical and chemical characteristics

Physical state: liquid

Colour: clear, colourless

Odour: neutral

pH: 6-8

pH 1%: not appointed

Boiling point: from 100° C

Flashing point: not appointed

Ignition temperature: not appointed

Self-ignition: no

Oxidising attributes: no

Explosion hazard: none

Explosion range: lower: -  
upper: -

Density: 1,04 - 1,10 g / cm<sup>3</sup>

Solubility in water ( 20° C): arbitrary

Viscosity: low viscosity

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**10. Stability and Reactivity****10.1 Reactivity**

Reacts with strong oxidants.

**10.2 Chemical stability**

Solid under normal conditions.

**10.3 Possible dangerous reactions**

No dangerous reactions if used like advised.

**10.4 Conditions to be avoided**

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**10.5 Incompatible materials**

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**10.6 Dangerous decomposition products**

None

**11. Toxicological declarations****11.1 Declaration concerning toxicological effects**

Acute toxicity: The product has not been tested on animals.

Skin irritation: Not irritating.

Eye irritation: Not irritating.

Sensitivity: Not sensitiv.

Sub acute to chronical toxicity: None

General: No classification due to analysis of the preparation directive.

**12. Ecological declarations****12.1 Toxizität**

No toxic effect known.

**12.2 Persistenz and biodegradability**

The product is not harmful to the environment.

Biodegradable according to OECD 301E / EEC 84/449 C3.

**12.3 Biological accumulation**

No biological accumulation

**13. Disposal advices**

Product: Dispose according to local, administration directive.

Uncleaned packaging: Dispose according to local, administration directive.

**14. Transport information****14.1 UN-number**

None

**14.2 Correct UN-shipping label**

ADR/RID: --

IMDG-Code: --

ICATO-TI/IATA-DGR: --

**14.3 Dangerous material class for transport**

ADR/RID/IMDG-Code/ICAO-TI/IATA-DGR: --

**14.4 Packing group**

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**14.5 Ecological menace**

Marking of materials that are dangerous for the environment  
ADR/RID/IMDG-Code/ICAO-TI/IATA-DGR: None  
Marine Pollutant: None

**14.6 Specific precaution for the user**

**14.7 Bulk material shipping according to addition II of the MARPOL-agreement 73/78 and the IBC-Code**

Selled only in packages/canisters that are allowed for shipping.

**15. Statutory provisions**

EU-categorisation: Classified as not dangerous according to EU criteria.  
Labelling: No label needed.  
R-Sentences: None  
S-Sentences: None  
Advices concerning an activity limit: None  
Statuory order on hazardous incidents: None  
Classification VbF: Not applicable  
Technical direction air: Not applicable  
Water hazard class: WGK 1

**16. General**

Datasheet issuing division: Company management  
Contact: FireWare

Exposition scenario: Professional fog liquid to produce artifical fog and show effects for events, theatres and film productions.  
The concentration of fog liquid should be between 25 und max. 80 mg/m<sup>3</sup> concerning to the desired effect.  
The density of the fog in the air should be allocated in a way that exits and emergency exits be visible at all time. The same should be obtain for the lighting and check marks of escape routes, stairs and so on.  
The product must be used appropriate as delivered.  
Keep out of the reach of children.

These statements are based on the knowledge and experience we have today. The Safety Data Sheet describes products as to security demands. The statements do not have the meaning of characteristic assurance in terms of quality descriptions.