



SAFETY DATA SHEET
70% CEASEFIRE LF DISPERSION

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1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: 70% CEASEFIRE LF DISPERSION

Product code: fCELF/70

Use / description of product: Flame retardant in an aqueous base.

Company name: Aquaspersions Ltd

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2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous ingredients: ANTIMONY TRIOXIDE 30-50%
EINECS: 215-175-0 CAS: 1309-64-4
[Xn] R40

3. HAZARDS IDENTIFICATION

Main hazards: Limited evidence of a carcinogenic effect.

Other hazards: Category 3 carcinogenic substance

4. FIRST AID MEASURES (SYMPTOMS)

Skin contact: Repeated or prolonged contact may cause irritation or allergic reaction (e.g Dermatitis)

Eye contact: May cause irritation and redness.

Ingestion: Harmful by ingestion. Please read the label and Material Safety Data Sheet.

Inhalation: If this dispersion is strongly heated it may release fumes which are irritating to the respiratory tract and may be harmful due to the nature of the active ingredient

4. FIRST AID MEASURES (ACTION)

Skin contact: If a person feels unwell after coming into contact with this dispersion then seek medical advice.

Eye contact: Irrigate with plenty of water. Seek medical advice

Ingestion: Wash out mouth with water and give 200-300ml warm water to drink. Seek medical attention immediately.

Inhalation: Remove patient to fresh air. Treat symptomatically and seek medical advice.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water. Carbon dioxide. Do not use water jet

Exposure hazards: Residue contains Antimony Trioxide which may sublime at 656 degrees C

Protection of fire-fighters: Respiratory Protective Equipment (RPE) must be worn.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Avoid contact with skin/eyes. Do not inhale mists. Avoid ingestion.

Environmental precautions: Prevent contamination of drains/watercourses/vegetation. Advise police.

Clean-up procedures: Adsorb onto sand/earth/similar adsorbent material. Once clear, wash the spillage area clean with water and detergent.

7. HANDLING AND STORAGE

Handling requirements: Avoid contact with skin/eyes. Do not inhale mists. Avoid ingestion.

Storage conditions: Store in closed containers, well protected from frost. Stir well before use.

Suitable packaging: Most packagaing suitable, avoid mild-steel.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Hazardous ingredients: ANTIMONY TRIOXIDE
WEL (8 hr exposure limit): 0.5 mg/m³

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Wear suitable respiratory protective equipment to prevent overexposure to mist.

Hand protection: Protective gloves. Water repellent barrier cream

Eye protection: Safety goggles. Ensure eye bath is to hand.

Skin protection: Wear suitable protective clothing. Water-repellent barrier cream.

9. PHYSICAL AND CHEMICAL PROPERTIES

State: Liquid

Colour: White

Odour: Perceptible odour

Evaporation rate: Not tested

Oxidising: Not tested.

Solubility in water: Miscible

Also soluble in: No data.

Viscosity: 1000 - 5000 cps

Boiling point/range°C: 100

Melting point/range°C: 0

Flammability limits %: lower: No data

upper: No data

Flash point°C: No data

Part.coeff. n-octanol/water: No data

Autoflammability°C: No data

Vapour pressure: No data

Relative density: 1.80 to 2.00

pH: 8.50 - 10.50

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions.

Conditions to avoid: Extremes of temperature. Protect from frost.

Materials to avoid: Acids. Bases. Reducing agents. Nascent H₂

Haz. decomp. products: The residue of this emulsion may liberate toxic fumes in combustion. Under H₂ or reducing conditions, highly toxic stibene or arsine gas may be evolved

11. TOXICOLOGICAL INFORMATION

Hazardous ingredients: ANTIMONY TRIOXIDE
IPR RAT LD50 3250 mg/kg
ORL RAT LD50 >34600 mg/kg
SCU RAT LD50 7904 mg/kg

Chronic toxicity: Repeated or prolonged contact may cause skin irritation/allergy.

Routes of exposure: Slight irritant to eyes. Not classified as a skin sensitiser, although may cause irritation or allergic reaction with prolonged contact. Long-term feeding trials of the active ingredient suggests liver damage at high dietary levels Contains >1% Antimony Trioxide which is classified as a class 3 carcinogen. May contain up to 1% Arsenic as an impurity.

12. ECOLOGICAL INFORMATION

Mobility: Miscible with water.

Persistence and degradability: No data available.

Bioaccumulative potential: No data available.

Other adverse effects: No data available.

13. DISPOSAL CONSIDERATIONS

Disposal of packaging: Incinerate residues only in officially approved incinerator. Dispose of empty containers only on dumps designated for special waste or at an incineration plant for industrial waste.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION**ADR / RID****IMDG / IMO****IATA / ICAO****15. REGULATORY INFORMATION**

Hazard symbols: Harmful.



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Risk phrases: R40: Limited evidence of a carcinogenic effect.

Safety phrases: S23: Do not breathe ...

S24/25: Avoid contact with skin and eyes.

S36/37: Wear suitable protective clothing and gloves.

S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Other information: For use as a flame retardant/cure paste.

Antimony Trioxide is an IPC controlled substance under the Environmental Protection Act (1990).

Risk phrases used in s.2: R40: Limited evidence of a carcinogenic effect.

Legal disclaimer: Aquaspersions Limited shall not be held liable for any damage resulting from handling or from contact with the above product.

