



**SAFETY DATA SHEET**  
70% CEASEFIRE AODB DISPERSION

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

**Product name:** 70% CEASEFIRE AODB DISPERSION

**Product code:** fA52C/70

**Use of substance / preparation:** Flame retardant in an aqueous base.

**Company name:** Aquaspersions Ltd

Beacon Hill Road

Halifax

West Yorkshire

HX3 6AQ

Tel: 01422 386200

Fax: 01422 386239

Email: technical@aquaspersions.co.uk

## 2. HAZARDS IDENTIFICATION

**Main hazards:** Limited evidence of a carcinogenic effect.

**Other hazards:** Category 3 carcinogenic substance

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Hazardous ingredients:** ANTIMONY TRIOXIDE 10-30%  
EINECS: 215-175-0 CAS: 1309-64-4  
[Xn] R40

## 4. FIRST AID MEASURES (SYMPTOMS)

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

**Eye contact:** May cause transient corneal irritation.

**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:** In the unlikely event that this substance is inhaled (e.g. aspiration) then 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 Also contains a

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brominated product which may produce corrosive/irritating fumes of Hydrogen bromide and bromine in a fire. Also, will evolve carbon oxides in a fire.

**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

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

**Respiratory protection:** None required.

**Hand protection:** Protective gloves. Water repellent barrier cream

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

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**State:** Liquid

**Colour:** White

**Odour:** Barely perceptible odour

**Evaporation rate:** Not tested

**Solubility in water:** Miscible

**Also soluble in:** No data.

**Viscosity:** 800 - 2500 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:** 1.90 - 2.10

**pH:** 8.50 - 11.00

**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 H<sub>2</sub>

**Haz. decomp. products:** The residue of this emulsion may liberate toxic fumes in combustion. Under H<sub>2</sub> 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**

**Shipping name:** NOT CLASSIFIED AS HAZARDOUS FOR TRANSPORT

**IMDG / IMO**

**Labelling:** NOT CLASSIFIED AS HAZARDOUS FOR TRANSPORT

**IATA / ICAO**

**Labelling:** NOT CLASSIFIED AS HAZARDOUS FOR TRANSPORT

**15. REGULATORY INFORMATION**

**Hazard symbols:** Harmful.



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

**Safety phrases:** S36/37: Wear suitable protective clothing and gloves.

**Precautionary phrases:** Contains acticide mbl. May produce an allergic reaction.

**Haz. ingredients (label):** ANTIMONY TRIOXIDE

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

**Risk phrases used in s.3:** R40: Limited evidence of a carcinogenic effect.

**Legal disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Aquaspersions Limited shall not be held liable for any damage resulting from handling or from contact with the above product.

