

Item No: 11x xxx Swefog water based fog liquids

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

Swefog Technology Group AB
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Information on this sheet include the item numbers below:
111 xxx, 112 xxx, 113 xxx, 114xxx, 115xxx, 116xxx (xxx=canister size, example:
111 005 = Neutral-Pro HD 5L canister).

2. COMPOSITION / INFORMATION ON INGREDIENTS

CAS-number	Chemical name, contents (%)
--	FOG FLUID 100 %

3. HAZARDS INFORMATION

This product is not hazardous to health and environment according to EEC criteria.

4. FIRST AID MEASURES

INHALATION: No adverse effects anticipated by this route of exposure incidental to proper professional handling.

SKIN CONTACT: Wash off in flowing water or shower.

EYE CONTACT: Flush eyes with plenty of water.

INGESTION: No adverse effects anticipated by this route of exposure

5. FIRE-FIGHTING MEASURES

Extinguishing media:

Water fog or fine spray. Carbon dioxide. Foam. Dry chemical.

6. ACCIDENTAL RELEASE MEASURES

Large spills: Pump into suitable containers for disposal or salvage.

Small spills: Soak up with absorbent material and collect into drums.

7. HANDLING AND STORAGE

Practice care and caution to avoid skin and eye contact.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Good general ventilation should be sufficient.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Clear liquid, colourless, no odour.

Specific gravity, kg / m³ approx. 1,00-1,05 x10³.

Pour point (°C) - 3

Vapour pressure (kPa) < 1,0 mm Hg at 20° C.

Water solubility miscible in all proportions.

Flash point (°C) > 165

Boil point (°C) 175

10. STABILITY AND REACTIVITY

Stable under normal handling and storage conditions. Avoid oxidising agents.

11. TOXICOLOGICAL INFORMATION

INGESTION: Single dose oral toxicity is considered to be low. No hazards anticipated from swallowing small amounts incidental to normal handling operations.

SKIN: A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.

EYE IRRITATION: May cause slight transient eye irritation.

INHALATION: Inhalation exposure is not likely to cause adverse effects. Mists are not likely to be hazardous.

LD50 oral, rats: > 37,000 mg / kg

LD50 skin, rabbits: NO IRRITATION.

12. ECOLOGICAL INFORMATION

Mobility and Bioaccumulation potential

Log pow is -0,92. No bioconcentration is expected because of the high water solubility.

Degradation

Material is readily biodegradable. Passes OECD tests for ready biodegradability.

Aquatic Toxicity:

Acute LC 50 for fathead minnow (*Pimephales promelas*) is 116,000 - 137,000 mg / L.

Acute EC 50 for water flea *Daphna magna* is 66,000 mg / L.

Material is not harmful to aquatic organisms (LC50 / EC50 / IC50 greater than 250 mg / L).

13. DISPOSAL CONSIDERATIONS

Disposal:

Incinerate under controlled conditions in accordance with all local and national laws and regulations.

Contaminated packaging:

Empty containers can only be disposed of when the remaining waste products adhering to the container walls have been removed. Remove all labels.

14. TRANSPORT INFORMATION

Product is not classified for any mode of transportation.

15. REGULATORY INFORMATION

This product does not require classification according to the criteria of the commission of the European communities.

Additional label information:

Name of the manufacturer, name of the product, item number, user instruction in English.

Every batch of 1,000 liter of fluid has a unique serial number, for internal research.

16. OTHER INFORMATION

The products described in this SDS is made for professional use only, in fog generators approved by Swefog only, using heat exchanger technology for vaporizing the liquid.

The fog generator and fog density in the room must be controlled by personnel with extensive experience with smoke appliances. Always read & follow user manual and local, national or international regulations related to fog appliances.

The fluids must NOT be mixed or diluted.

This data sheet complies with basic EU regulatory requirements for safety data sheets on the date of publication, and is intended for translation and adoption into European national documents. This document should NOT be relied upon for compliance with the laws and regulations of individual countries without the appropriate local translations and adaptations. It is user's responsibility to ensure that any safety data sheet taken or adapted from this system for use or re-distribution, complies with all the laws and regulations which apply to any such use or re-distribution.

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