

**ELATION PROFESSIONAL
SAFETY DATA SHEET**



**HEALTH & SAFETY
PRODUCT DATA SHEET**

**Name:
LOWFOG**

1 – IDENTIFICATION OF SUBSTANCE / PREPARATION & COMPANY

Identification of substance:

Name of the products: ELATION LOWFOG

Using: Fluid used for creating artificial long lasting smoke and fog wich are used in application such as shows, concerts, clubs, theaters or professional training.

Identification of the Provider:

Elation Professional B.V.
Junostraat 2
6468 EW Kerkrade - The Netherlands

Tel. +31 45 546 85 66
Fax +31 45 546 85 99
Website: www.elationlighting.eu
email: info@elationlighting.eu

Emergency telephone number:

Emergency phone nr: ORFILA +33 (0) 1 45 42 59 59 **Europeans emergency (112)**

2 – COMPOSITION / INFORMATION ON THE COMPONENTS

Composition: The product is a mixture of glycol (1,2 di-(2-hydroxyethoxy)-éthane) and osmozed water in various proportions. Food dye for fluid colors .

- CAS Number of the main chemicals: 112-27-6
- ENECS Number of the main chemicals: 203-953-2
- Number given by EDEXIM European Authorities. (REACH Directives)

3 – IDENTIFICATION OF THE DANGERS

The products contain no dangerous components classified in the EC directive on the dangerous products (67/548/CEE).

Under normal operating conditions, the products don't show any special danger.

4 – FIRST AID MEASURES

General information: Remove all contaminated clothing.
Skin contact: Wash immediately and thoroughly with water
Eye contact: Wash immediately and thoroughly with water

Obtain medical attention if necessary.

5 – FIRE FIGHTING MEASURES

Rule One:

Use appropriated tools to fight small fires. If necessary call the firemen.

Extinction ways:

Carbon dioxide, foam , dry powder, stream of water in function of the type of fire. Turn off the fire extended with water spray or alcohol resistant foam

Appropriated dressing and breathing equipment against fire:

Use Isolated Breathing Apparatus and use clothes especially made for fire fighting.

6 – MEASURE IN CASE OF ACCIDENTAL LEAK

Precautionary measures against people:

Extinguish flames, remove all sources of ignition, no smoking

Personal protective equipment:

mask, gloves, goggles and safety boots

Environmental protection:

If a leak is limited, gather mechanically or by absorbing mineral. If leakage more important occurs, prevent any infiltration drains or groundwater. Immediately alert emergency services. Destroy the residual

7 – HANDLING & STORAGE

Ensure that the area is well ventilated. Avoid contact with skin or eyes.
Use safety shoes and protective clothing. Avoid inhalation

The can must be stored in a dry, well ventilated, free from direct sunlight

8 – EXPOSURE CONTROLS & PERSONAL PROTECTION

Personal protective equipment:

wear a mask adapted to prolonged exposure to high concentrations

Hand protection:

Gloves of synthetic rubber

Eye protection:

sealed goggles

Body protection:

Safety shoes. In the event of splashes: apron of PVC.

9 – PHYSICAL & CHEMICAL PROPERTIES

Appearance: Liquid
Color: Colorless. Yellow light, Pink, Blue
Smell: No smell
pH: 7 - 8
Distillation range: 100°C - 288°C
Flash Point: 177°C
Auto ignition: 370°C
Density: 1018 kg / m³ at 20°C
Water solubility: completely miscible

10 – STABILITY AND REACTIVITY

Conditions to avoid: Moisture
Substances to avoid: oxidizing

11 – TOXICOLOGICAL INFORMATION

Ingestion toxicity: LD50 17000 mg / kg.
N°CAS: 112-27-6.
N°EEC (EINECS): 2039532.

12 – ECOLOGICAL INFORMATION

Mobility: fully miscible with water
Persistence / degradability: Biodegradable.
Bio-accumulation: toxicity algae / fish: LC50 > 100 mg / l - other: EC50
Effluent treatment: practically non-toxic, EC50 > 100 mg / l for organisms in the effluent treatment facilities.

13 – ELIMINATION CONSIDERATION

Recommendation: Disposal should be in accordance with local and national laws

14 – TRANSPORT INFORMATION

Transportation: ADR: not classified as dangerous - RID: not classified dangerous
River transport: ADN: ranked non-hazardous
Maritime transport: IMDG / A: classified non-hazardous
Air freight: ICAO / IATA / DGR: classified non-hazardous
Parcel Post: authorized

15 – REGULATORY INFORMATIONS

Labeling: Not subject to community labeling regulations

Special regulations: VbF: unknown (FRG) - MAK: unknown (FRG).

National regulations: Hazard class for water (WGK) FRG: 1 (classification KBwS) - KBwS-Nr: 202.

User has to respect their national rules, especially to the COSHH. Please make sure you read them.

16 – OTHER INFORMATIONS

This data sheet complements - but does not replace - the technical instructions for use.

The information above is based on our current knowledge and key laws and regulations concerning the product on the date of publication of this document.



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