

# PULSE

## SAFETY DATA SHEET

according to 1907/2006/EC, Article 31

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### PFX-DENSE FOG

Revision 0

Revision date 2018-02-05

#### SECTION 1: Identification of the substance/mixture and of the company/undertaking

##### 1.1. Product identifier

Product name PFX-DENSE FOG.

##### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Description Special effects fluid.

##### 1.3. Details of the supplier of the safety data sheet

Company PULSE  
Address Premier Farnell UK Limited  
150 Armley Road  
LEEDS  
LS12 2QQ  
Web [www.pulse-audio.co.uk](http://www.pulse-audio.co.uk)  
Telephone +44 (0) 870 129 8608  
Email [info@pulse-audio.co.uk](mailto:info@pulse-audio.co.uk)

##### 1.4. Emergency telephone number


Emergency telephone number +44 (0) 8447 88 00 88

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

2.1.1. Classification - 67/548/EEC Xn; R22-48/22  
Symbols: Xn: Harmful.  
Main hazards Harmful if swallowed. Harmful: danger of serious damage to health by prolonged exposure if swallowed.  
2.1.2. Classification - EC 1272/2008 Acute Tox. 4: H302; STOT RE 2: H373;

##### 2.2. Label elements

Hazard pictograms 

Signal Word Warning

Hazard Statement Acute Tox. 4: H302 - Harmful if swallowed.  
STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure .

Precautionary Statement: Prevention P260 - Do not breathe dust/fume/gas/mist/vapours/spray.  
P264 - Wash thoroughly after handling.

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## 2.2. Label elements

<b>Precautionary Statement: Response</b>	P270 - Do no eat, drink or smoke when using this product.
	P301+P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
	P314 - Get medical advice/attention if you feel unwell.
	P330 - Rinse mouth.

## 2.3. Other hazards

<b>Other hazards</b>	No information is available that indicates that the ingredients meet the criteria for classification as PBT or vPVB in accordance with Annex XIII of Regulation 1907/2006 (REACH).
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## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### 67/548/EEC / 1999/45/EC

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Diethylene glycol. (2,2'-Oxydiethanol)	603-140-00-6	111-46-6	203-872-2		40 - 50%	Xn; R22-48/22

#### EC 1272/2008

Chemical Name	Index No.	CAS No.	EC No.	REACH Registration Number	Conc. (%w/w)	Classification
Diethylene glycol. (2,2'-Oxydiethanol)	603-140-00-6	111-46-6	203-872-2		40 - 50%	Acute Tox. 4: H302; STOT RE 2: H373;

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

<b>Inhalation</b>	Move the exposed person to fresh air.
<b>Eye contact</b>	Rinse immediately with plenty of water for 15 minutes holding the eyelids open.
<b>Skin contact</b>	Wash off immediately with plenty of soap and water. Remove contaminated clothing.
<b>Ingestion</b>	Rinse mouth thoroughly. Drink 1 to 2 glasses of water. DO NOT INDUCE VOMITING.

### 4.2. Most important symptoms and effects, both acute and delayed

<b>Inhalation</b>	May cause irritation to respiratory system.
<b>Eye contact</b>	May cause irritation to eyes.
<b>Skin contact</b>	May cause irritation to skin.
<b>Ingestion</b>	Harmful if swallowed. Harmful: danger of serious damage to health by prolonged exposure if swallowed. May cause irritation to mucous membranes.

### 4.3. Indication of any immediate medical attention and special treatment needed

<b>Inhalation</b>	Seek medical attention if irritation or symptoms persist.
<b>Eye contact</b>	Seek medical attention if irritation or symptoms persist.
<b>Skin contact</b>	Seek medical attention if irritation or symptoms persist.
<b>Ingestion</b>	Seek medical attention.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

	Use extinguishing media appropriate to the surrounding fire conditions.
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### 5.2. Special hazards arising from the substance or mixture

	Burning produces irritating, toxic and obnoxious fumes.
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### 5.3. Advice for firefighters

	Wear suitable respiratory equipment when necessary.
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## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

	Ensure adequate ventilation of the working area.
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## 6.2. Environmental precautions

Do not allow product to enter drains. Prevent further spillage if safe.

## 6.3. Methods and material for containment and cleaning up

Absorb with inert, absorbent material. Sweep up. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

## 6.4. Reference to other sections

See section 2, 3, 8, 13 for further information.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing.

### 7.2. Conditions for safe storage, including any incompatibilities

Keep in a cool, dry, well ventilated area. Keep containers tightly closed. Store in correctly labelled containers. Store at temperatures between 5 °C and 20 °C.

### 7.3. Specific end use(s)

Special effects fluid.

## SECTION 8: Exposure controls/personal protection

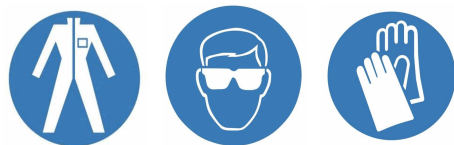
### 8.1. Control parameters

See section 8.2 for further information.

#### 8.1.1. Exposure Limit Values

Diethylene glycol. (2,2'-Oxydiethanol)	WEL 8-hr limit ppm: 23	WEL 8-hr limit mg/m <sup>3</sup> : 101
	WEL 15 min limit ppm: -	WEL 15 min limit mg/m <sup>3</sup> : -

### 8.2. Exposure controls



#### 8.2.1. Appropriate engineering controls

Ensure adequate ventilation of the working area.

#### 8.2.2. Individual protection measures

Wear protective clothing.

##### Eye / face protection

In case of splashing, wear: Approved safety goggles.

##### Skin protection - Handprotection

Chemical resistant gloves (PVC).

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

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## 9.1. Information on basic physical and chemical properties

<b>State</b>	Liquid
<b>Colour</b>	Pink
<b>Odour</b>	Odourless
<b>Odour threshold</b>	Not applicable.
<b>pH</b>	No data available
<b>Melting point</b>	No data available
<b>Freezing Point</b>	No data available
<b>Boiling point</b>	No data available
<b>Flash point</b>	Not applicable.
<b>Evaporation rate</b>	No data available
<b>Flammability limits</b>	Not applicable.
<b>Vapour Flammability</b>	Not applicable.
<b>Vapour pressure</b>	No data available
<b>Vapour density</b>	No data available
<b>Relative density</b>	No data available
<b>Fat Solubility</b>	No data available
<b>Partition coefficient</b>	No data available
<b>Autoignition temperature</b>	No data available
<b>Viscosity</b>	No data available
<b>Explosive</b>	No data available
<b>Oxidising</b>	Not applicable.
<b>Solubility</b>	Soluble in water

## 9.2. Other information

<b>Conductivity</b>	No data available
<b>Surface tension</b>	No data available
<b>Gas group</b>	Not applicable.
<b>Benzene Content</b>	Not applicable.
<b>Lead content</b>	Not applicable.
<b>VOC (Volatile organic compounds)</b>	Not applicable.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

	No data available.
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### 10.2. Chemical stability

	Stable under normal conditions.
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### 10.3. Possibility of hazardous reactions

	No data available.
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### 10.4. Conditions to avoid

	No data available.
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### 10.5. Incompatible materials

	No data available.
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### 10.6. Hazardous decomposition products

	Burning produces irritating, toxic and obnoxious fumes.
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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

<b>Acute toxicity</b>	Harmful if swallowed. Harmful: danger of serious damage to health by prolonged exposure if swallowed.
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## 11.1. Information on toxicological effects

Skin corrosion/irritation	May cause irritation to skin.
Serious eye damage/irritation	May cause irritation to eyes.
Respiratory or skin sensitisation	No sensitization effects reported.
Repeated or prolonged exposure	Harmful: danger of serious damage to health by prolonged exposure if swallowed. May cause damage to organs through prolonged or repeated exposure.

### 11.1.4. Toxicological Information

	No data available
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## SECTION 12: Ecological information

### 12.1. Toxicity

	No data available
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### 12.2. Persistence and degradability

	No data available.
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### 12.3. Bioaccumulative potential

	No data available.
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### 12.4. Mobility in soil

	No data available.
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### 12.5. Results of PBT and vPvB assessment

	No information is available that indicates that the ingredients meet the criteria for classification as PBT or vPvB in accordance with Annex XIII of Regulation 1907/2006 (REACH).
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### 12.6. Other adverse effects

	No data available.
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## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

	Contact a licensed waste disposal company.
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### Disposal of packaging

	Do NOT reuse empty containers. Empty containers can be sent for disposal or recycling.
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## SECTION 14: Transport information

### ADR/RID

	The product is not classified as dangerous for carriage.
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### IMDG

	The product is not classified as dangerous for carriage.
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### IATA

	The product is not classified as dangerous for carriage.
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## SECTION 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Regulations	<p>COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.</p> <p>REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC</p>
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## 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

	and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.
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## 15.2. Chemical safety assessment

	No data is available on this product.
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## SECTION 16: Other information

### Other information

#### Text of risk phrases in Section 3

	R22 - Harmful if swallowed. R48/22 - Harmful: danger of serious damage to health by prolonged exposure if swallowed.
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#### Text of Hazard Statements in Section 3

	Acute Tox. 4: H302 - Harmful if swallowed. STOT RE 2: H373 - May cause damage to organs through prolonged or repeated exposure .
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### Further information

	The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.
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