

SDS BEAM Z SMOKE FLUID MEDIUM-DENSITY

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

1.1 - Product identifier

Trade name/ designation BEAM Z SMOKE FLUID MEDIUM-DENSITY

Chemical name

Product-type

Mixture

UFI:

TKDS-81HM-700Y-W53C

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

1.3 - Details of the supplier of the safety data sheet

1.4 - Emergency telephone number

Emergency help line: +31 (0)85 105 3155 9am to 5pm CET

SECTION 2: Hazards identification

2.1 - Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Acute Tox. 4 Oral

Acute toxicity (oral) - Category 4

2.2 - Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Contains: 2,2' -oxybisethanol, diethylene glycol (CAS No.: 111-46-6)

Signal word

: Warning

Hazard pictograms



Hazard statements

H302

Harmful if swallowed

Precautionary statements

P264

Wash hands thoroughly after handling.

P270

Do not eat, drink or smoke when using this product.

P301+P312

IF SWALLOWED: Call a POISON CENTER/a doctor if you feel unwell.

P322

Specific measures (see information on this label).

P330

Rinse mouth.

P501

Dispose of contents/container to an appropriate recycling or disposal facility in accordance with local/regional/national/international regulation.

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EUH-phrases : None

2.3 - Other hazards

SECTION 3: Composition / information on ingredients

3.1 - Substances

Not applicable

3.2 - Mixtures

Chemical name	No	%	Class(es)	Specific concentration limit
2,2' -oxybisethanol, diethylene glycol	CAS No. : 111-46-6 Index No. : 603-140-00-6 EC No. : 203-872-2	5 - <= 45	Acute Tox. 4 Oral - H302	Not applicable

SECTION 4: First aid measures

4.1 - Description of first aid measures

Following skin contact - No information available.

After eye contact - Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

- Seek medical advice immediately (poison centre).
- When in doubt or if symptoms are observed, get medical advice.
- If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.
- Induce vomiting when the affected person is not unconscious.
- Observe risk of aspiration if vomiting occurs.

4.2 - Most important symptoms and effects, both acute and delayed

Symptoms and effects - Following inhalation - No information available.

Symptoms and effects - Following skin contact - No data available.

Symptoms and effects - After eye contact - No information available.

Symptoms and effects - After ingestion - No information available.

4.3 - Indication of any immediate medical attention and special treatment needed

- No information available.

SECTION 5: Firefighting measures

5.1 - Extinguishing media

Suitable extinguishing media

- ABC-powder
- Water mist
- Carbon dioxide (CO2)

Unsuitable extinguishing media - Strong water jet

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5.2 - Special hazards arising from the substance or mixture

Special hazards arising from the substance or mixture - No data available.

Hazardous decomposition products - No data available.

5.3 - Advice for firefighters

- Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

SECTION 6: Accidental release measures

6.1 - Personal precautions, protective equipment and emergency procedures

For non-emergency personnel - Wear protective gloves.
- Use gloves only once.

For emergency responders - Remove persons to safety.
- Use appropriate respiratory protection.

6.2 - Environmental precautions

- No information available.

6.3 - Methods and material for containment and cleaning up

Methods and material for containment - No information available.

Methods and material for cleaning up - Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).
- Ventilate affected area.

Inappropriate techniques - No information available.

6.4 - Reference to other sections

- Disposal: see section 13
- Personal protection equipment: see section 8
- Safe handling: see section 7

SECTION 7: Handling and storage

7.1 - Precautions for safe handling

Recommendation - Put lids on containers immediately after use.
- Do not put any product-impregnated cleaning rags into your trouser pockets.
- Wear personal protective clothing (see section 8).

Advices on general occupational hygiene - Wash contaminated clothing prior to re-use.
- When using do not smoke.
- Separate storage of work clothes.
- Wash hands and face before breaks and after work and take a shower if necessary.

7.2 - Conditions for safe storage, including any incompatibilities

- Restrict general access to the store.

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- Keep container tightly closed.

7.3 - Specific end use(s)

- Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1 - Control parameters

- No data available.

8.2 - Exposure controls

Appropriate engineering controls

- No information available.

Individual protection measures, such as personal protective equipment

- Lab coat.

- Spectacles with side protection.

- Dust protection safety glasses.

- Wear protective gloves.



Environmental exposure controls

- No data available.

SECTION 9: Physical and chemical properties

9.1 - Information on basic physical and chemical properties

Physical state

Liquid

Appearance

Colour

Odour

Odour threshold	No data available
pH	No data available
Melting point	No data available
Freezing point	No data available
Boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
flammability	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	No data available
Vapour density	No data available

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Relative density	No data available
Density	No data available
Solubility (Water)	No data available
Solubility (Ethanol)	No data available
Solubility (Acetone)	No data available
Solubility (Organic solvents)	No data available
Log KOC	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
Kinematic viscosity	No data available
Dynamic viscosity	No data available

Particle characteristics

Particle size	No data available
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9.2 - Other information

VOC content	No data available
Minimum ignition energy	No data available
Conductivity	No data available

- No data available.

SECTION 10: Stability and reactivity

10.1 - Reactivity

- This material is considered to be non-reactive under normal use conditions.

10.2 - Chemical stability

- The product is chemically stable under recommended conditions of storage, use and temperature.

10.3 - Possibility of hazardous reactions

- No hazardous reaction when handled and stored according to provisions.

10.4 - Conditions to avoid

- Stable under recommended storage and handling conditions.

10.5 - Incompatible materials

- No data available.

10.6 - Hazardous decomposition products

- No data available.

SECTION 11: Toxicological information

11.1 - Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity - Acute toxicity (oral) - Category 4 - Harmful if swallowed

Toxicity : Mixture

LD50 oral (rat)	No data available
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	LD50 dermal (rat)	No data available
	LD50 dermal (rabbit)	No data available
	LC50 inhalation (rat)	No data available
	LC50 inhalation dusts and mists (rat)	No data available
	LC50 inhalation vapours (rat)	No data available

- Harmful if swallowed.

Skin corrosion/irritation - Not classified

- No data available.

Serious eye damage/eye irritation - Not classified

- No data available.

Respiratory or skin sensitisation - Not classified

- No data available.

Germ cell mutagenicity - Not classified

- No data available.

Carcinogenicity - Not classified

- No data available.

Reproductive toxicity - Not classified

- No data available.

STOT-single exposure - Not classified

- No data available.

STOT-repeated exposure - Not classified

- No data available.

Aspiration hazard - Not classified

11.2 - Information on other hazards

- No information available.

SECTION 12: Ecological information

12.1 - Toxicity

Toxicity : Mixture

EC50 48 hr crustacea	No data available
LC50 96 hr fish	No data available
ErC50 algae	No data available
ErC50 other aquatic plants	No data available
NOEC chronic fish	No data available
NOEC chronic crustacea	No data available
NOEC chronic algae	No data available

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NOEC chronic other aquatic plants	No data available
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- No data available.

12.2 - Persistence and degradability

Biochemical oxygen demand (BOD)	No data available
Chemical oxygen demand (COD)	No data available
% of biodegradation in 28 days	No data available

- No data available.

12.3 - Bioaccumulative potential

Bioconcentration factor (BCF)	No data available
Log KOC	No data available

- No data available.

12.4 - Mobility in soil

- No data available.

12.5 - Results of PBT and vPvB assessment

12.6 - Endocrine disrupting properties

- No information available.

12.7 - Other adverse effects

- No data available.

SECTION 13: Disposal considerations

13.1 - Waste treatment methods

<u>Waste treatment methods</u>	- No information available.
<u>Sewage disposal</u>	- No information available.
<u>Special precautions for waste treatment</u>	<ul style="list-style-type: none">- Send to a hazardous waste incinerator facility under observation of official regulations.- Waste for recycling is to be classified and labelled.- Waste requires special monitoring.- Packing which cannot be properly cleaned must be disposed of.
<u>Community or national or regional provisions</u>	- Dispose of waste according to applicable legislation.

SECTION 14: Transport information

14.1 - UN number or ID number

Not applicable

14.2 - UN proper shipping name

Not applicable

14.3 - Transport hazard class(es)

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Not applicable

14.4 - Packing group

Not applicable

14.5 - Environmental hazards

Not applicable

14.6 - Special precautions for user

Not applicable

14.7 - Maritime transport in bulk according to IMO instruments

Not applicable

SECTION 15: Regulatory information

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

Substances REACH candidates None

Substances Annex XIV None

Substances Annex XVII None

VOC content No data available

15.2 - Chemical Safety Assessment

SECTION 16: Other information

SDS versions

Version	Issue date	Author	Description of the amendments
1	15/05/2023		

Texts of the regulatory sentences

Acute Tox. 4 Oral	Acute toxicity (oral) - Category 4
H302	Harmful if swallowed

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