



SAFETY DATA SHEET
Glycerol

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Compilation date: 18/12/2015

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

1.1. Product identifier

Product name: Glycerol
CAS number: 56-81-5
EINECS number: 200-289-5
Product code: AAVG####
Synonyms: VG, Glycerine

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

Identified uses: For use only in an electronic cigarette
Users advised against: Not to be applied to skin, or ingested

1.3. Details of the supplier of the safety data sheet

Company name: Decadent Vapours Ltd
Unit 12 Llwyn Y Graig
Garn Goch Ind Est
Gorseinon
Swansea
SA4 9WG
Tel: +44 (0) 1792 773339
Email: info@decadentvapours.com

1.4. Emergency telephone number

Emergency contact: rhydian.mann@decadentvapours.com

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: This product has no classification under CLP.

2.2. Label elements

Label elements: This product has no label elements

2.3. Other hazards

PBT: This substance is not identified as a PBT substance.

Section 3: Composition/information on ingredients

3.1 Substances

Chemical identity:		Composition:
Name	Glycerol	CAS 56-81-5 > 99%
Toxicological data on ingredients:		
Glycerol:	10,000mg/kg (NOEL level, no LD ⁵⁰ known)	

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash skin with plenty of water.
Eye contact: Rinse immediately with copious amounts of water. If irritation or discomfort persists, seek medical attention.
Ingestion: Only when conscious, rinse mouth out. Obtain medical attention if adverse symptoms occur.
Inhalation: Move affected person from exposure. High vapour concentration unlikely owing to physical properties. Avoid inhalation of mist.

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

Company Registration No. 7414447
Company VAT No. GB213184441

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Skin contact: There may be mild irritation at the site of contact.
Eye contact: There may be irritation and redness.
Ingestion: There may be soreness and redness of the mouth and throat. May be intoxicating with high levels of ingestion.
Inhalation: No symptoms.

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

Immediate / special treatment: Not applicable.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Water fog. Carbon dioxide. Dry chemical powder.

5.2. Special hazards arising from the substance or mixture

Special hazards: Not applicable.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Isolate the area.

6.2 Environmental precautions

Environmental precautions: Contain liquid to prevent contamination of soil, surface water or ground water.

6.3 Methods and material for containment and cleaning up

Clean-up procedures: Small spills: Clean up with absorbent material. Collect material in suitable and properly labelled open containers. Dispose of according to applicable regulations. Large spills: Contain with dike. Pump into suitable and properly labelled containers. Recover if possible, or dispose of according to applicable regulations.

6.4 Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Not applicable.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Hygroscopic. Air and light sensitive.

7.3. Specific end use(s)

Specific end use(s): For use only in electronic cigarettes

Section 8: Exposure controls/personal protection

8.1. Control parameters

Components with workplace control parameters:

<u>Component</u>	<u>CAS No.</u>	<u>Value</u>	<u>Control parameters</u>	<u>Basis</u>
Glycerol	56-81-5	Eight hour TWEL 10 mg/m ³ (mist)		

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.
Respiratory protection: Respiratory protection not required.
Hand protection: Protective gloves.
Eye protection: Safety glasses.
Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State: Liquid.
Colour: Colourless.
Odour: No perceptible odour.
Solubility in water: Soluble.

9.2 Other information

Other information: Not applicable.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Direct sunlight. Heat.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Hazardous decomposition products: Not applicable.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values: Low toxicity and considered non-hazardous to humans.

11.2. Symptoms / routes of exposure

Skin contact: Toxic doses may be absorbed through the skin, however, given the low toxicity, this would require an extremely large exposure.
Eye contact: There may be irritation and redness.
Ingestion: May cause soreness and redness of the mouth and throat. Ingestion is likely to cause vomiting..
Inhalation: No symptoms except through prolonged acute exposure.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: This material is not regarded as a toxic hazard.

12.2. Persistence and degradability

Persistence and degradability: Material is readily biodegradable. Biodegradation may occur under aerobic and/or anaerobic conditions (in the presence and/or absence of oxygen).

12.3. Bioaccumulative potential

Bioaccumulative potential: This product has no significant bioaccumulative potential.

12.4. Mobility in soil

Mobility in soil: The components are all 100% miscible with water and will remain in the water phase.

12.5. Results of PBT and vPvB assessment

PBT identification: This substance is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: No other adverse effects.

Section 13: Disposal considerations

13.1 Waste treatment methods

Disposal operations: Deposit into or on to land (e.g. landfill, etc.)
Disposal of packaging: Dispose of as normal industrial waste.
NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1 Transport information

Transport class: This product is not classified as dangerous for transport.

Section 15: Regulatory information

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

SHE regulations/legislation: Not applicable.

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

16.1 Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No. 435/2010.
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. This company shall not be held liable for any damage resulting from handling or from contact with the above product.