

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

1.1. Product identifier

Product form : Mixtures
Trade name : TankSafe

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

1.2.1. Relevant identified uses

Industrial/Professional use spec : Industrial
For professional use only
Use of the substance/mixture : Fuel evaporation suppressant

1.2.2. Uses advised against

Application or modification other than for the intended use is forbidden. 1.3. Details of the supplier of the safety data sheet

NanoVapor Inc.
9595 Six Pines Dr., Ste 8210
The Woodlands, TX 77380
T +1.832.220.6211
info@nanovapor.com

1.4. Emergency telephone number

Emergency number : +1.832.220.6211

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

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

No classification required

Adverse physicochemical, human health and environmental effects

Not required to be tested

2.2. Label elements

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

No labelling required

2.3. Other hazards

Not required to be tested

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

This mixture does not contain any substances to be mentioned according to the criteria of section 3.2 of REACH annex II.

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Allow victim to breathe fresh air. Allow the victim to rest. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Get medical advice if skin becomes irritated.
First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness occur.
First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Get medical advice/attention if you feel unwell.

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

Symptoms/injuries after inhalation : Prolonged exposure to liquid may cause a mild irritation.
Symptoms/injuries after skin contact : Repeated or prolonged skin contact may cause irritation.
Symptoms/injuries after eye contact : Prolonged exposure to liquid may cause a mild irritation.
Symptoms/injuries after ingestion : May be harmful if swallowed. May cause stomach pain or discomfort.

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

Treat symptomatically.

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according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide. Water spray.
Unsuitable extinguishing media : Not applicable

5.2. Special hazards arising from the substance or mixture

Fire hazard : Minimal fire hazard. Combustion may produce irritating fumes.
Explosion hazard : Not applicable
Reactivity in case of fire : Not applicable

5.3. Advice for firefighters

Firefighting instructions : Use water spray or fog for cooling exposed empty containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protective equipment for firefighters : Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : Upend any open containers to prevent liquid spills. Prevent spills from spreading.

6.1.2. For emergency responders

Protective equipment : Equip cleanup crew with proper protection.
Emergency procedures : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.
Other information : If spilled, may cause the floor to be slippery.

6.4. Reference to other sections

See Heading 8. Exposure controls and personal protection. For disposal of residues refer to section 13 : Disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Provide good ventilation in process area.
Hygiene measures : Wash hands thoroughly after handling. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Handle in accordance with good industrial hygiene and safety practice.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from direct sunlight : Avoid high temperatures. Keep container closed when not in use.
Incompatible materials : Not applicable
Storage temperature : $\approx 10\text{ }^{\circ}\text{C}$ Freezing will not damage product but will affect use. Thaw and mix before use if frozen.

7.3. Specific end use(s)

Not applicable

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Polyethylene glycol (25322-68-3)

Germany	TRGS 900 Occupational exposure limit value (mg/m ³)	1000 mg/m ³ (The risk of damage to the embryo or fetus can be excluded when AGW and BGW values are observed-inhalable fraction)
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8.2. Exposure controls

Appropriate engineering controls:

Provide adequate ventilation.

Hand protection:

Impervious gloves e.g. PVC, nitrile rubber, butyl rubber. (to European standard EN 374 or equivalent)

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Eye protection:

Chemical goggles or safety glasses. (to European standard EN 166 or equivalent)

Skin and body protection:

Long sleeved protective clothing.

Respiratory protection:

If used in hot enclosed spaces use a properly fitted, air-purifying or air-fed respirator if necessary. (to European standard EN 140 or equivalent)

Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Colour	: Light yellow
Odour	: Spearmint odour
Odour threshold	: Not applicable
pH	: 7.5
Relative evaporation rate (butylacetate=1)	: Not applicable
Melting point	: Not applicable
Freezing point	: 1.1 °C
Boiling point	: 100 °C
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: Not applicable
Flammability (solid, gas)	: Non flammable
Vapour pressure	: Not applicable
Relative vapour density at 20 °C	: Not applicable
Relative density	: Not applicable
Density	: Approx. 1 (Specific gravity)
Solubility	: Completely (100%) soluble in water
Log Pow	: Not applicable
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: Not applicable
Explosive properties	: Not applicable
Oxidising properties	: Not applicable
Explosive limits	: Not applicable

9.2. Other information

No additional information required

SECTION 10: Stability and reactivity

10.1. Reactivity

None under normal conditions.

10.2. Chemical stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous polymerization will not occur.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Not applicable

10.6. Hazardous decomposition products

Combustion may produce irritating fumes.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified (Based on available data, the classification criteria are not met)
Skin corrosion/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 7.5
Serious eye damage/irritation	: Not classified (Based on available data, the classification criteria are not met) pH: 7.5
Respiratory or skin sensitisation	: Not classified (Based on available data, the classification criteria are not met)
Germ cell mutagenicity	: Not classified (Based on available data, the classification criteria are not met)
Carcinogenicity	: Not classified (Based on available data, the classification criteria are not met)
Reproductive toxicity	: Not classified (Based on available data, the classification criteria are not met)
STOT-single exposure	: Not classified (Based on available data, the classification criteria are not met)
STOT-repeated exposure	: Not classified (Based on available data, the classification criteria are not met)
Aspiration hazard	: Not classified (Based on available data, the classification criteria are not met)

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : No adverse effects (USEPA EPA/600/4-90/027)

12.2. Persistence and degradability

TankSafe	
Persistence and degradability	Conforms with USA 40 CFR, Part 796, Subpart D paragraph 4.5.22

12.3. Bioaccumulative potential

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Bioaccumulative potential	Not applicable

12.4. Mobility in soil

Not applicable

12.5. Results of PBT and vPvB assessment

Not applicable

12.6. Other adverse effects

Additional information : Avoid release to the environment

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Waste disposal recommendations : Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials : Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information required				

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14.6. Special precautions for user

- Overland transport

Not regulated

- Transport by sea

Not regulated

- Air transport

Not regulated

- Inland waterway transport

Not regulated

- Rail transport

Not regulated

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains NO REACH substances with Annex XVII restrictions

Contains NO substance on the REACH candidate list

Contains NO REACH Annex XIV substances

15.1.2. National regulations

Germany

VwVwS Annex reference : Water hazard class (WGK) 3, severe hazard to waters (Classification according to VwVwS, Annex 4)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV : Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

SZW-lijst van kankerverwekkende stoffen : None of the components are listed

SZW-lijst van mutagene stoffen : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid : None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling : None of the components are listed

15.2. Chemical safety assessment

No chemical safety assessment is required; material not applicable under REACH.

SECTION 16: Other information

Abbreviations and acronyms:

PVC	(Polyvinyl chloride).
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Sources of Key data : according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

Other information : None.

SDS EU (REACH Annex II)

Prepared by: Intertek Scientific & Regulatory Consultancy

This Safety Data Sheet (SDS) has been prepared by Intertek Scientific & Regulatory Consultancy based on formulation information provided by NanoVapor, which is believed to be accurate at the date of issuance of this SDS. This SDS is intended to provide comprehensive information about the subject formulation for use in workplace chemical management and is to be used as a source of information about hazards, including environmental hazards, where applicable, and to obtain advice on safety precautions.

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The product is to be used only as directed by NanoVapor to ensure appropriate safety and user protection. This information should not be construed as a guarantee for any specific property of the product, including its performance. For product or performance related questions NanoVapor should be contacted at the indicated contact address.