

# SAFETY DATA SHEET

3100 OFFGEL 12 Well Frame Set

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

### 1.1 Product identifier

<b>Product name</b>	: 3100 OFFGEL 12 Well Frame Set		
<b>CAS number</b>	: Mineral Oil	8042-47-5	
	: Glycerol 50 percent	Not applicable.	
<b>Part no. (chemical kit)</b>	: 5188-8012		
<b>Part no.</b>	: <u>12 Well Frame Set</u>		<u>5067-1588</u>
	: Mineral Oil		5188-6443
	: Glycerol 50 percent		5188-6440

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

<b>Identified uses</b>	: Analytical chemistry.		
	: Mineral Oil		50 ml
	: Glycerol 50 percent		10 ml
<b>Uses advised against</b>	: None known.		

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

Agilent Technologies Deutschland GmbH  
Hewlett-Packard-Str. 8  
76337 Waldbronn  
Germany  
0800 603 1000

**e-mail address of person responsible for this SDS** : pdl-msds\_author@agilent.com

### 1.4 Emergency telephone number

**Emergency telephone number (with hours of operation)** : CHEMTREC®: +353 1 901 4670

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

<b>Product definition</b>	: Mineral Oil	Mono-constituent substance
	: Glycerol 50 percent	Mixture

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

Not classified.

Mineral Oil The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

Glycerol 50 percent The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

**Ingredients of unknown toxicity** : Glycerol 50 percent Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 30 - 60%

See Section 16 for the full text of the H statements declared above.

See Section 11 for more detailed information on health effects and symptoms.

### 2.2 Label elements

<b>Signal word</b>	: Mineral Oil	No signal word.
	: Glycerol 50 percent	No signal word.
<b>Hazard statements</b>	: Mineral Oil	No known significant effects or critical hazards.
	: Glycerol 50 percent	No known significant effects or critical hazards.

**SECTION 2: Hazards identification**

Precautionary statements

<b>Prevention</b>	: Mineral Oil	Not applicable.
	Glycerol 50 percent	Not applicable.
<b>Response</b>	: Mineral Oil	Not applicable.
	Glycerol 50 percent	Not applicable.
<b>Storage</b>	: Mineral Oil	Not applicable.
	Glycerol 50 percent	Not applicable.
<b>Disposal</b>	: Mineral Oil	Not applicable.
	Glycerol 50 percent	Not applicable.
<b>Supplemental label elements</b>	: Mineral Oil	Not applicable.
	Glycerol 50 percent	Not applicable.
<b>Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles</b>	: Mineral Oil	Not applicable.
	Glycerol 50 percent	Not applicable.

Special packaging requirements

<b>Tactile warning of danger</b>	: Mineral Oil	Not applicable.
	Glycerol 50 percent	Not applicable.

**2.3 Other hazards**

**Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII**

	<b>PBT</b>	<b>P</b>	<b>B</b>	<b>T</b>	<b>vPvB</b>	<b>vP</b>	<b>vB</b>
<b>Mineral Oil</b>	No	N/A	N/A	No	N/A	N/A	N/A

Glycerol 50 percent This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

**Other hazards which do not result in classification**

: Mineral Oil	Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapour may cause flash fire or explosion.
Glycerol 50 percent	None known.

**SECTION 3: Composition/information on ingredients**

**3.1 Substances** : Mineral Oil Mono-constituent substance  
Glycerol 50 percent Mixture

Product/ingredient name	Identifiers	%	Classification	Specific Conc. Limits, M-factors and ATEs	Type
<b>Mineral Oil</b> White mineral oil (petroleum)	EC: 232-455-8 CAS: 8042-47-5	100	Not classified.	-	[1]
<b>Glycerol 50 percent</b> glycerol	REACH #: Annex V EC: 200-289-5 CAS: 56-81-5	≥50 - ≤75	Not classified.  <b>See Section 16 for the full text of the H statements declared above.</b>	-	[1]

### SECTION 3: Composition/information on ingredients

There are no additional ingredients present which, within the current knowledge of the supplier, are classified and contribute to the classification of the substance and hence require reporting in this section.

Type

Mineral Oil [1] Constituent  
 Glycerol 50 percent [1] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in Section 8.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

<b>Eye contact</b>	: Mineral Oil	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
	Glycerol 50 percent	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs.
<b>Inhalation</b>	: Mineral Oil	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
	Glycerol 50 percent	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.
<b>Skin contact</b>	: Mineral Oil	Wash skin thoroughly with soap and water or use recognised skin cleanser. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
	Glycerol 50 percent	Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.
<b>Ingestion</b>	: Mineral Oil	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
	Glycerol 50 percent	Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.
<b>Protection of first-aiders</b>	: Mineral Oil	No action shall be taken involving any personal risk or without suitable training.
	Glycerol 50 percent	No action shall be taken involving any personal risk or without suitable training.

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

Potential acute health effects

<b>Eye contact</b>	: Mineral Oil	No known significant effects or critical hazards.
	Glycerol 50 percent	No known significant effects or critical hazards.
<b>Inhalation</b>	: Mineral Oil	No known significant effects or critical hazards.
	Glycerol 50 percent	No known significant effects or critical hazards.
<b>Skin contact</b>	: Mineral Oil	Defatting to the skin. May cause skin dryness and irritation.
	Glycerol 50 percent	No known significant effects or critical hazards.
<b>Ingestion</b>	: Mineral Oil	No known significant effects or critical hazards.
	Glycerol 50 percent	No known significant effects or critical hazards.

Over-exposure signs/symptoms

<b>Eye contact</b>	: Mineral Oil	No specific data.
	Glycerol 50 percent	No specific data.
<b>Inhalation</b>	: Mineral Oil	No specific data.
	Glycerol 50 percent	No specific data.

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**SECTION 4: First aid measures**

<b>Skin contact</b>	: Mineral Oil	Adverse symptoms may include the following: irritation dryness cracking
	Glycerol 50 percent	No specific data.
<b>Ingestion</b>	: Mineral Oil	No specific data.
	Glycerol 50 percent	No specific data.
 <b>4.3 Indication of any immediate medical attention and special treatment needed</b>		
<b>Notes to physician</b>	: Mineral Oil	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
	Glycerol 50 percent	Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
<b>Specific treatments</b>	: Mineral Oil	No specific treatment.
	Glycerol 50 percent	No specific treatment.

**SECTION 5: Firefighting measures**

**5.1 Extinguishing media**

<b>Suitable extinguishing media</b>	: Mineral Oil	Use dry chemical, CO <sub>2</sub> , alcohol-resistant foam or water spray (fog).
	Glycerol 50 percent	Use an extinguishing agent suitable for the surrounding fire.
<b>Unsuitable extinguishing media</b>	: Mineral Oil	Do not use water jet.
	Glycerol 50 percent	None known.

**5.2 Special hazards arising from the substance or mixture**

<b>Hazards from the substance or mixture</b>	: Mineral Oil	This product is a poor conductor of electricity and can become electrostatically charged. If sufficient charge is accumulated, ignition of flammable mixtures can occur. To reduce potential for static discharge, use proper bonding and grounding procedures. This liquid may accumulate static electricity when filling properly-grounded containers. Static accumulation may be significantly increased by the presence of small quantities of water or other contaminants. In a fire or if heated, a pressure increase will occur and the container may burst.
	Glycerol 50 percent	In a fire or if heated, a pressure increase will occur and the container may burst.
<b>Hazardous combustion products</b>	: Mineral Oil	Decomposition products may include the following materials: carbon dioxide carbon monoxide
	Glycerol 50 percent	Decomposition products may include the following materials: carbon dioxide carbon monoxide

**5.3 Advice for firefighters**

<b>Special precautions for fire-fighters</b>	: Mineral Oil	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
	Glycerol 50 percent	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
<b>Special protective equipment for fire-fighters</b>	: Mineral Oil	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.
	Glycerol 50 percent	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full

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## SECTION 5: Firefighting measures

face-piece operated in positive pressure mode. Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

## SECTION 6: Accidental release measures

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

<b>For non-emergency personnel</b>	: Mineral Oil	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
	Glycerol 50 percent	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.
<b>For emergency responders</b>	: Mineral Oil	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
	Glycerol 50 percent	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

### 6.2 Environmental precautions

: Mineral Oil	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Glycerol 50 percent	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

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

<b>Methods for cleaning up</b>	: Mineral Oil	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
	Glycerol 50 percent	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.

### 6.4 Reference to other sections

: See Section 1 for emergency contact information.  
See Section 8 for information on appropriate personal protective equipment.  
See Section 13 for additional waste treatment information.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

<b>Protective measures</b>	: Mineral Oil	Put on appropriate personal protective equipment (see Section 8). Handling operations that can promote accumulation of static charges include but are not limited to: mixing, filtering, pumping at high flow rates, splash filling, creating mists or sprays, tank and container filling, tank cleaning, sampling, gauging, switch loading, vacuum truck operations. Restrict flow velocity according to API 2003
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**SECTION 7: Handling and storage**

(2008), NFPA 77 (2007), and Laurence Britton, "Avoiding Static Ignition Hazards in Chemical Operations". To reduce potential for static discharge, ensure that all equipment is properly grounded and bonded and meets appropriate electrical classification requirements.

Put on appropriate personal protective equipment (see Section 8).

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

**Advice on general occupational hygiene**

Glycerol 50 percent

: Mineral Oil

Glycerol 50 percent

**7.2 Conditions for safe storage, including any incompatibilities**

**Storage**

: Mineral Oil

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

Glycerol 50 percent

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabelled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

**7.3 Specific end use(s)**

**Recommendations**

: Mineral Oil  
Glycerol 50 percent

Industrial applications, Professional applications.  
Industrial applications, Professional applications.

**Industrial sector specific solutions**

: Mineral Oil  
Glycerol 50 percent

Not available.  
Not available.

**SECTION 8: Exposure controls/personal protection**

**8.1 Control parameters**

**Occupational exposure limits**

**SECTION 8: Exposure controls/personal protection**

Product/ingredient name	Exposure limit values
<b>Mineral Oil</b> mineral oil	<b>NAOSH (Ireland, 5/2021). [Mineral oil, pure, highly &amp; severely refined] Notes: Advisory Occupational Exposure Limit Values (OELVs)</b> OELV: 5 ppm 8 hours. Form: inhalable dust
<b>Glycerol 50 percent</b> Glycerol	<b>NAOSH (Ireland, 5/2021). Notes: Advisory Occupational Exposure Limit Values (OELVs)</b> OELV: 10 mg/m <sup>3</sup> 8 hours. Form: mist

**Biological exposure indices**

No exposure indices known.

**Recommended monitoring procedures**

: Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

**DNELs/DMELs**

Product/ingredient name	Type	Exposure	Value	Population	Effects
<b>Mineral Oil</b> mineral oil	DNEL	Long term Oral	25 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	34.78 mg/m <sup>3</sup>	General population	Systemic
	DNEL	Long term Dermal	93.02 mg/kg bw/day	General population	Systemic
	DNEL	Long term Inhalation	164.56 mg/m <sup>3</sup>	Workers	Systemic
	DNEL	Long term Dermal	217.05 mg/kg bw/day	Workers	Systemic

**PNECs**

No PNECs available

**8.2 Exposure controls**

**Appropriate engineering controls**

: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

**Individual protection measures**

**Hygiene measures**

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection**

: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.

**Skin protection**

**Hand protection**

: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

**SECTION 8: Exposure controls/personal protection**

- Body protection** : Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Other skin protection** : Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory protection** : Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

**SECTION 9: Physical and chemical properties**

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

**9.1 Information on basic physical and chemical properties**

**Appearance**

- Physical state** : Mineral Oil : Liquid. [Oily liquid.]  
Glycerol 50 percent : Liquid.
- Colour** : Mineral Oil : Colourless.  
Glycerol 50 percent : Not available.
- Odour** : Mineral Oil : Not available.  
Glycerol 50 percent : Not available.
- Odour threshold** : Mineral Oil : Not available.  
Glycerol 50 percent : Not available.
- Melting point/freezing point** : Mineral Oil : -60 to -9°C [ASTM D 97]  
Glycerol 50 percent : Not available.
- Initial boiling point and boiling range** : Mineral Oil : 179 to 210°C [ASTM D 1160]  
Glycerol 50 percent : Not available.
- Flammability** : Mineral Oil : Not applicable.  
Glycerol 50 percent : Not applicable.
- Upper/lower flammability or explosive limits** : Mineral Oil : Not available.  
Glycerol 50 percent : Not available.
- Flash point** : Mineral Oil : Closed cup: 135°C [ISO 2719]  
Glycerol 50 percent : Not available.

Ingredient name	Closed cup		Open cup	
	°C	Method	°C	Method
<b>Glycerol 50 percent</b>				
glycerol	-	-	177	-

- Auto-ignition temperature** : Mineral Oil : 260 to 371.11°C [ASTM E 659]

Ingredient name	°C	Method
<b>Glycerol 50 percent</b>		
glycerol	370	-

- Decomposition temperature** : Mineral Oil : Not available.  
Glycerol 50 percent : Not available.
- pH** : Mineral Oil : Not available.  
Glycerol 50 percent : Not available.
- Viscosity** : Mineral Oil : Not available.  
Glycerol 50 percent : Not available.



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**SECTION 10: Stability and reactivity**

**10.6 Hazardous decomposition products** : Mineral Oil Under normal conditions of storage and use, hazardous decomposition products should not be produced.  
 Glycerol 50 percent Under normal conditions of storage and use, hazardous decomposition products should not be produced.

**SECTION 11: Toxicological information**

**11.1 Information on toxicological effects**

Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Mineral Oil mineral oil	LC50 Inhalation Dusts and mists	Rat	>5 mg/l	4 hours
	LD50 Oral	Rat	>5000 mg/kg	-

Acute toxicity estimates

N/A

Irritation/Corrosion

**Conclusion/Summary** : Not available.

Sensitiser

**Conclusion/Summary** : Not available.

Mutagenicity

**Conclusion/Summary** : Not available.

Carcinogenicity

**Conclusion/Summary** : Not available.

Reproductive toxicity

**Conclusion/Summary** : Not available.

Teratogenicity

**Conclusion/Summary** : Not available.

Specific target organ toxicity (single exposure)

Not available.

Specific target organ toxicity (repeated exposure)

Not available.

Aspiration hazard

Not available.

**Information on likely routes of exposure**

: Mineral Oil  
Glycerol 50 percent

Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.  
Routes of entry anticipated: Oral, Dermal, Inhalation, Eyes.

Potential acute health effects

**Inhalation** : Mineral Oil No known significant effects or critical hazards.  
 Glycerol 50 percent No known significant effects or critical hazards.

**Ingestion** : Mineral Oil No known significant effects or critical hazards.  
 Glycerol 50 percent No known significant effects or critical hazards.

**Skin contact** : Mineral Oil Defatting to the skin. May cause skin dryness and irritation.  
 Glycerol 50 percent No known significant effects or critical hazards.

**Eye contact** : Mineral Oil No known significant effects or critical hazards.  
 Glycerol 50 percent No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

**Inhalation** : Mineral Oil No specific data.  
 Glycerol 50 percent No specific data.

**Ingestion** : Mineral Oil No specific data.  
 Glycerol 50 percent No specific data.

## SECTION 11: Toxicological information

<b>Skin contact</b>	: Mineral Oil  Glycerol 50 percent	Adverse symptoms may include the following: irritation dryness cracking No specific data.
<b>Eye contact</b>	: Mineral Oil Glycerol 50 percent	No specific data. No specific data.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### Short term exposure

<b>Potential immediate effects</b>	: Not available.
<b>Potential delayed effects</b>	: Not available.

#### Long term exposure

<b>Potential immediate effects</b>	: Not available.
<b>Potential delayed effects</b>	: Not available.

### Potential chronic health effects

<b>Conclusion/Summary</b>	: Not available.	
<b>General</b>	: Mineral Oil Glycerol 50 percent	No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Carcinogenicity</b>	: Mineral Oil Glycerol 50 percent	No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Mutagenicity</b>	: Mineral Oil Glycerol 50 percent	No known significant effects or critical hazards. No known significant effects or critical hazards.
<b>Reproductive toxicity</b>	: Mineral Oil Glycerol 50 percent	No known significant effects or critical hazards. No known significant effects or critical hazards.

## 11.2 Information on other hazards

### 11.2.1 Endocrine disrupting properties

Not available.

### 11.2.2 Other information

Not available.

## SECTION 12: Ecological information

### 12.1 Toxicity

<b>Conclusion/Summary</b>	: Not available.
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### 12.2 Persistence and degradability

Not available.

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Mineral Oil mineral oil	-	-	Readily

### 12.3 Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
Mineral Oil mineral oil	>6	-	High

### 12.4 Mobility in soil

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## SECTION 12: Ecological information

**Soil/water partition coefficient (K<sub>oc</sub>)** : Not available.  
**Mobility** : Not available.

### 12.5 Results of PBT and vPvB assessment

Product/ingredient name	PBT	P	B	T	vPvB	vP	vB
Mineral Oil mineral oil	No	N/A	N/A	No	N/A	N/A	N/A

### 12.6 Endocrine disrupting properties

Not available.

### 12.7 Other adverse effects

No known significant effects or critical hazards.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Product

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.

**Hazardous waste** : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 2008/98/EC.

#### Packaging

**Methods of disposal** : The generation of waste should be avoided or minimised wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.

**Special precautions** : This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

## SECTION 14: Transport information

	ADR/RID	IMDG	IATA
14.1 UN number or ID number	Not regulated.	Not regulated.	Not regulated.
14.2 UN proper shipping name	-	-	-
14.3 Transport hazard class(es)	-	-	-
14.4 Packing group	-	-	-
14.5 Environmental hazards	No.	No.	No.

### Additional information

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## SECTION 14: Transport information

**14.6 Special precautions for user** : **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**14.7 Transport in bulk according to IMO instruments** : Not available.

## SECTION 15: Regulatory information

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

EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern

None of the components are listed.

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

No listed substance

**Label** : Mineral Oil Not applicable.  
Glycerol 50 percent Not applicable.

Other EU regulations

Ozone depleting substances (1005/2009/EU)

Not listed.

Prior Informed Consent (PIC) (649/2012/EU)

Not listed.

Persistent Organic Pollutants

Not listed.

Seveso Directive

This product is not controlled under the Seveso Directive.

International regulations

Chemical Weapon Convention List Schedules I, II & III Chemicals

Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

UNECE Aarhus Protocol on POPs and Heavy Metals

Not listed.

Inventory list

**Australia** : All components are listed or exempted.

**Canada** : All components are listed or exempted.

**China** : All components are listed or exempted.

**Eurasian Economic Union** : **Russian Federation inventory:** All components are listed or exempted.

## SECTION 15: Regulatory information

<b>Japan</b>	: <b>Japan inventory (CSCL):</b> All components are listed or exempted. <b>Japan inventory (ISHL):</b> All components are listed or exempted.
<b>New Zealand</b>	: All components are listed or exempted.
<b>Philippines</b>	: All components are listed or exempted.
<b>Republic of Korea</b>	: All components are listed or exempted.
<b>Taiwan</b>	: All components are listed or exempted.
<b>Thailand</b>	: All components are listed or exempted.
<b>Turkey</b>	: All components are listed or exempted.
<b>United States</b>	: All components are active or exempted.
<b>Viet Nam</b>	: All components are listed or exempted.

**15.2 Chemical safety assessment** : This product contains substances for which Chemical Safety Assessments might still be required.

## SECTION 16: Other information

✔ Indicates information that has changed from previously issued version.

<b>Abbreviations and acronyms</b>	: ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement N/A = Not available PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number vPvB = Very Persistent and Very Bioaccumulative
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### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Not classified.	

### Full text of abbreviated H statements

Not applicable.

### Full text of classifications [CLP/GHS]

Not applicable.

**Date of issue/ Date of revision** : 22/08/2024

**Date of previous issue** : No previous validation

**Version** : 1

### Notice to reader

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