



SAFETY DATA SHEET LIQUID PARAFFIN

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

1.1. Product identifier

Trade name : SIPMED 68
Substance name : White mineral oil (petroleum)
CAS-No. : 8042-47-5
EC-No. : 232-455-8
EU REACH-Reg. No. : 01-2119487078-27-xxxx

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

Use of the Substance/Mixture : At this time we do not yet have information on identified uses. They will be included in this safety data sheet when available.
Uses advised against : At this moment we have not identified any uses advised against

1.3. Details of the supplier of the safety data sheet

Vet Way Ltd
Airfield Business Park
Elvington, York, YO41 4EA
+44 (0) 1904 607 600
info@vet-way.com
www.vet-way.com

1.4. Emergency telephone number

Emergency telephone number : +44 (0) 1904 607 600

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

The product is not classified as dangerous according to Regulation (EC) No. 1272/2008.

Most important adverse effects

Human Health : See section 11 for toxicological information.
Physical and chemical : See section 9/10 for physicochemical information.

LIQUID PARAFFIN

hazards
Potential environmental effects : See section 12 for environmental information.

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is not labeled as dangerous according to Regulation (EC) No. 1272/2008.

2.3. Other hazards

For Results of PBT and vPvB assessment see section 12.5.

SECTION 3: Composition/information on ingredients

3.1. Substances

Remarks : No dangerous ingredients according to Regulation (EC) No. 1907/2006

Non-hazardous component

Chemical name	Identification Number	Amount [%]
White mineral oil (petroleum)	CAS-No. : 8042-47-5	<= 100
	EC-No. 232-455-8	
	REACH-Reg. No. 01-2119487078-27-xxxx	

SECTION 4: First aid measures

4.1. Description of first aid measures

General advice : No special precautions required.

If inhaled : Move to fresh air. If symptoms persist, call a physician.

In case of skin contact : If on skin, rinse well with water. Take off all contaminated clothing immediately. Wash contaminated clothing before re-use. If symptoms persist, call a physician.

In case of eye contact : Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

If swallowed : Rinse mouth with water. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician.

LIQUID PARAFFIN

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

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

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

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

Treatment : Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Water spray, foam, dry powder or CO₂.

Unsuitable extinguishing media : High volume water jet

5.2. Special hazards arising from the substance or mixture

Specific hazards during firefighting : In a fire or if heated, a pressure increase will occur and the container may burst. Incomplete combustion may form toxic pyrolysis products.

Hazardous combustion products : Carbon monoxide, Carbon dioxide (CO₂), Irritant gases/vapours

5.3. Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment. Choose protective equipment according to size of fire.

Further advice : Cool closed containers exposed to fire with water spray. 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

Personal precautions : For personal protection see section 8. Keep unnecessary and unprotected personnel from entering the area. Use personal protective equipment. Do not touch or walk through spilled material. Avoid contact with the skin and the eyes. Remove or make safe all sources of ignition

6.2. Environmental precautions

LIQUID PARAFFIN

Environmental precautions	: Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.
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6.3. Methods and materials for containment and cleaning up

Methods and materials for containment and cleaning up	: Contain spillage, soak up with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and transfer to a container for disposal according to local / national regulations (see section 13). Use mechanical handling equipment. Clean up promptly by scoop or vacuum. Keep in suitable, closed containers for disposal.
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Further information	: Treat recovered material as described in the section "Disposal considerations".
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6.4. Reference to other sections

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

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling	: Use personal protective equipment. Avoid contact with skin, eyes and clothing. Avoid breathing mist or vapours. Keep container tightly closed. Empty containers retain product residue and can be hazardous. Material can accumulate static charges which may cause an electrical spark (ignition source). When the material is handled in bulk, an electrical spark could ignite any flammable vapors from liquids or residues that may be present (e.g., during switch-loading operations). Use proper bonding and/or earthing procedures.
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Hygiene measures	: Keep away from food, drink and animal feedingstuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday. Take off all contaminated clothing immediately.
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7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers	: Keep only in the original container.
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Advice on protection against fire and explosion	: Normal measures for preventive fire protection.
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Further information on storage conditions	: Keep tightly closed in a dry and cool place. Keep in a well-ventilated place. Keep away from direct sunlight.
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Advice on common storage	: Keep away from food, drink and animal feedingstuffs. Store away from incompatible substances.
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LIQUID PARAFFIN

7.3. Specific end use(s)

Specific use(s) : No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Other Occupational Exposure Limit Values

(Additional) : Mineral Oil mist 5 mg/m³ (8hr. TWA)
Information

Component:	White mineral oil (petroleum)	CAS-No. 8042-47-5
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Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)

DNEL Workers, Long-term - systemic effects, Skin contact	:	220 mg/kg bw/day
DNEL Workers, Long-term - systemic effects, Inhalation	:	160 mg/m ³
DNEL Consumers, Long-term - systemic effects, Skin contact	:	92 mg/kg bw/day
DNEL Consumers, Long-term - systemic effects, Inhalation	:	35 mg/m ³
DNEL Consumers, Long-term - systemic effects, Ingestion	:	40 mg/kg bw/day

Predicted No Effect Concentration (PNEC)

no data available :

8.2. Exposure controls

Appropriate engineering controls

Refer to protective measures listed in sections 7 and 8.

Personal protective equipment

Respiratory protection

Advice : In case of insufficient ventilation, wear suitable respiratory equipment.

LIQUID PARAFFIN

Hand protection

Advice : Protective gloves complying with EN 374.
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
Protective gloves should be replaced at first signs of wear.

Material : Nitrile rubber
Glove thickness : 0.35 mm

Material : fluorocarbon rubber
Glove thickness : 0.4 mm

Advice : Unsuitable materials:
natural rubber
polychloroprene
butyl-rubber
Polyvinylchloride

Eye protection

Advice : Safety glasses with side-shields

Skin and body protection

Advice : Wear suitable protective clothing.

Environmental exposure controls

General advice : Do not flush into surface water or sanitary sewer system.
Avoid subsoil penetration.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Form : Liquid
Colour : colourless
Odour : characteristic
Odour Threshold : no data available
pH : no data available
Freezing point : no data available

LIQUID PARAFFIN

Boiling point	:	no data available
Flash point	:	> 165 °C
Evaporation rate	:	no data available
Flammability (solid, gas)	:	no data available
Upper explosion limit	:	no data available
Lower explosion limit	:	no data available
Vapour pressure	:	< 0.1 hPa (20 °C)
Relative vapour density	:	> 1
Density	:	0.84 - 0.87 g/cm ³ (15 °C)
Water solubility	:	insoluble
Partition coefficient: n-octanol/water	:	no data available
Auto-ignition temperature	:	> 200 °C
Thermal decomposition	:	no data available
Viscosity, dynamic	:	no data available
Explosivity	:	no data available
Oxidizing properties	:	not oxidising

9.2. Other information

No further information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

Advice : No information available.

10.2. Chemical stability

Advice : Stable under normal conditions.

10.3. Possibility of hazardous reactions

Hazardous reactions : Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid

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Conditions to avoid : Keep away from direct sunlight. Keep away from heat and sources of ignition.

10.5. Incompatible materials

Materials to avoid : Oxidizing agents

10.6. Hazardous decomposition products

Hazardous decomposition products : Material does not decompose at ambient temperatures.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Component:	White mineral oil (petroleum)	CAS-No. 8042-47-5
Acute toxicity		
Oral		
LD50	: > 5000 mg/kg (Rat) (OECD Test Guideline 401)	
Inhalation		
LC50	: > 5 mg/l (Rat; dust/mist) (OECD Test Guideline 403)	
Dermal		
LD50	: > 2000 mg/kg (Rabbit) (OECD Test Guideline 402)	
Irritation		
Skin		
Result	: No skin irritation (Rabbit) (OECD Test Guideline 404)	
Eyes		
Result	: Mild eye irritation (Rabbit) (OECD Test Guideline 405)	
Sensitisation		
Result	: not sensitizing (OECD Test Guideline 406) Information given is based on data obtained from similar substances.	
CMR effects		
CMR Properties		

LIQUID PARAFFIN

Carcinogenicity	:	Not classifiable as a human carcinogen.
Mutagenicity	:	Did not show mutagenic or teratogenic effects in animal experiments.
Teratogenicity	:	Did not show carcinogenic or teratogenic effects in animal experiments.
Reproductive toxicity	:	No toxicity to reproduction

Specific Target Organ Toxicity

Single exposure

Remarks	:	The substance or mixture is not classified as specific target organ toxicant, single exposure.
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Repeated exposure

Remarks	:	The substance or mixture is not classified as specific target organ toxicant, repeated exposure.
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Other toxic properties

Aspiration hazard

no data available,

SECTION 12: Ecological information

12.1. Toxicity

Component:	White mineral oil (petroleum)	CAS-No. 8042-47-5
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Acute toxicity

Fish

LL0	:	> 100 mg/l (Fish; 96 h)
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Toxicity to daphnia and other aquatic invertebrates

ELO	:	100 mg/l (Daphnia (water flea); 48 h)
NOELR	:	>= 10 mg/l (Daphnia (water flea); 48 h)

algae

LIQUID PARAFFIN

ELO : ≥ 100 mg/l (Pseudokirchneriella subcapitata (green algae); 72 h)
 NOELR : 100 mg/l (Pseudokirchneriella subcapitata (green algae); 72 h)

12.2. Persistence and degradability

Component:	White mineral oil (petroleum)	CAS-No. 8042-47-5
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Persistence and degradability

Persistence

Result : no data available

Biodegradability

Result : < 60 % (Exposure Time: 28 d)Inherently biodegradable.

12.3. Bioaccumulative potential

Component:	White mineral oil (petroleum)	CAS-No. 8042-47-5
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Bioaccumulation

Result : log Kow > 3.5
 : no data available

12.4. Mobility in soil

Component:	White mineral oil (petroleum)	CAS-No. 8042-47-5
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Mobility

Soil : The product is insoluble and floats on water., Not expected to adsorb on soil.

12.5. Results of PBT and vPvB assessment

Component:	White mineral oil (petroleum)	CAS-No. 8042-47-5
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Results of PBT and vPvB assessment

Result : This substance is not considered to be persistent, bioaccumulating nor toxic (PBT)., This substance is not considered to be very persistent and very bioaccumulating (vPvB).

12.6. Other adverse effects

Component:	White mineral oil (petroleum)	CAS-No. 8042-47-5
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LIQUID PARAFFIN

Additional ecological information

Result : no data available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Product : Disposal together with normal waste is not allowed. Special disposal required according to local regulations. Do not let product enter drains. Contact waste disposal services.
- Contaminated packaging : Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning. If recycling is not practicable, dispose of in compliance with local regulations.
- European Waste Catalogue Number : No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.
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SECTION 14: Transport information

Not dangerous goods for ADR, RID, IMDG and IATA.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packaging group

Not applicable.

14.5. Environmental hazards

Not applicable.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

IMDG : Not applicable.

LIQUID PARAFFIN

SECTION 15: Regulatory information

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

Component:	White mineral oil (petroleum)	CAS-No. 8042-47-5
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EU. Directive : ; The substance/mixture does not fall under this legislation.
 2012/18/EU (SEVESO
 III) Annex I

15.2. Chemical safety assessment

no data available

SECTION 16: Other information

Abbreviations and Acronyms

BCF	bioconcentration factor
BOD	biochemical oxygen demand
CAS	Chemical Abstracts Service
CLP	Classification, Labelling and Packaging
CMR	carcinogenic, mutagenic or toxic to reproduction
COD	chemical oxygen demand
DNEL	derived no-effect level
EINECS	European Inventory of Existing Commercial Chemical Substances
ELINCS	European List of Notified Chemical Substances
GHS	Globally Harmonized System of Classification and Labelling of Chemicals
LC50	median lethal concentration
LOAEC	lowest observed adverse effect concentration
LOAEL	lowest observed adverse effect level
LOEL	lowest observed effect level
NLP	no-longer polymer
NOAEC	no observed adverse effect concentration
NOAEL	no observed adverse effect level
NOEC	no observed effect concentration
NOEL	no observed effect level
OECD	Organisation for Economic Cooperation and Development

LIQUID PARAFFIN

OEL	occupational exposure limit
PBT	persistent, bioaccumulative and toxic
REACH Auth. No.:	REACH Authorisation Number
REACH AuthAppC. No.	REACH Authorisation Application Consultation Number
PNEC	predicted no-effect concentration
STOT	specific target organ toxicity
SVHC	substance of very high concern
UVCB	substance of unknown or variable composition, complex reaction products or biological materials
vPvB	very persistent and very bioaccumulative

Key literature references : Supplier information and data from the "Database of registered substances" of the European Chemicals Agency (ECHA) were used to create this safety data sheet.

Methods used for product classification : The classification for human health, physical and chemical hazards and environmental hazards were derived from a combination of calculation methods and if available test data.

Hints for trainings : The workers have to be trained regularly on the safe handling of the products based on the information provided in the Safety Data Sheet and the local conditions of the workplace. National regulations for the training of workers in the handling of hazardous materials must be adhered to.

|| Other Information

The information provided in this Safety Data Sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship.

The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.