

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006
Print Date 01.10.2015

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

1.1 Product identifiers

Product name : Liquid Paraffin (Kristol M70)
REACH No. : 01-2119487079-27-xxxx
EC number : 232-455-8
CAS number : 8042-47-5

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

Identified uses : Distribution of substance. Use of substance as intermediate. Manufacture of Substance formulation and (re)packing of substances and mixtures. Uses in coatings. Uses in cleaning agents. Lubricants. Use in metal working fluids/ rolling oils. Use of release agents or binders. Use as a functional fluid. Laboratories. Rubber production and processing Polymper. Processing water treatment applications. Agrochemical uses. Explosive manufacture and use. Use as a fuel. Other consumer uses.

1.3 Details of the supplier of the safety data sheet

Company : Vet-Way Ltd,
1 Harrier court
Airfield Business Park
Elvington
York
YO41 4EA
UNITED KINGDOM
Telephone : +44 (0)1904 607600
Fax : +44 (0)1904 607601

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

This product is not classified according to the CLP regulation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008:

EC Number 232-455-8

Hazard Pictograms

Void

Signal Word: Void

Hazard Statements: Void

2.3 Other hazards

Result of PBT and vPvB assessment

PBT: not applicable

vPvB: not applicable

SECTION 3: Composition/information on ingredients**3.1 Chemical Characterisation: Substances**
Identification number(s) Not applicable

Kristol M70: EINECS: 232-455-8
CAS:8042-47-5
REG.01-2119487078-27
PERCENT:

SECTION 4: First aid measures

4.1 Description of first aid measures

If inhaled

If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

In case of skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.

In case of eye contact

Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

If swallowed

Rinse mouth with water. Do not induce vomiting; call for medical help if a large amount has been ingested.

4.2 Most important symptoms and effects, both acute and delayed

If inhaled No specific symptoms known

In case of skin contact No specific symptoms known

In case of eye contact May cause temporary eye irritation

If swallowed Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing Media

Suitable

extinguishing media

The product is not flammable. Extinguish with foam, carbon dioxide, dry powder or water fog. Do not use water jet as an extinguisher, this will spread the fire.

5.2 Special hazards arising from the substance or mixture

5.3 Advice for firefighters

Use water to keep fire exposed, containers cool and disperse vapours.

5.4 Further information

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Do not discharge into drains or watercourses or onto the ground. Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

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6.3 Methods and materials for containment and cleaning up

Absorb spillage with sand or inert absorbent. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.

6.4 Reference to other sections

See section 8 for information on personal protection equipment. See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Prevent formulation of dust
Avoid contact with skin and eyes.

Conditions for safe storage, including any incompatibilities

Storage:

Further information about storage conditions:

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Protect from sunlight.

Specific end use(s)

A part from the uses mentioned in section 1.2 no other specific uses are stipulated

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the work place

Kristol M70:

Long-term exposure limit (8 hour TWA): WEL No std. 5 mg/m³ (Oil mist)

Short-term exposure limit (15 minute): WEL No std. No std.

WEL = Workplace Exposure Limit

DNEL - No DNEL available

PNEC - No PNEC available

8.2 Exposure controls

Appropriate engineering controls

Provide adequate general and local exhaust ventilation

Personal protective

equipment

General protective and hygienic measures

The usual precautionary measures are to be adhered to when handling chemicals.

Eye/face

protection

The following protection should be worn: Tight-fitting safety glasses. Personal protective equipment for eye and face protection should comply with European Standard EN 166

Skin protection

The most suitable glove should be chosen in consultation with glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with European Standard EN374.

Wear suitable protective clothing as protection against splashing or contamination.

Hygiene measures

Use engineering controls to reduce air contamination to permissible exposure level. Wash hands at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection

No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

a) Appearance	Liquid Colour: colourless
b) Odor	no characteristic odour
c) Odor Threshold	no data available
d) pH	
e) Melting point/freezing point	<-9°C
f) Initial boiling point and boiling range	260-380°C @ 760mm Hg
g) Flash point	>200°C COC (Cleaveland Open Cup)
h) Evaporation rate	<0.1BuAc = 1
i) Flammability (solid, gas)	no data available
j) Upper/lower flammability or explosive limits	Not applicable
k) Vapour pressure	<0.0025mmHg @°C
l) Vapour density	>1
m) Relative density	0.86-0.88 °C
n) Water solubility	insoluble in water

- o) Partition coefficient: n-octanol/water no data available
- p) Auto-ignition temperature no data available
- q) Decomposition temperature no data available

9.2 Other safety information

SECTION 10: Stability and reactivity

10.1 Reactivity

The following materials may react with the product: Strong oxidizing agents

10.2 Chemical stability

Stable at normal ambient temperatures and when used as recommended.

10.3 Possibility of hazardous reactions

Will not polymerise

10.4 Conditions to avoid

Avoid excessive heat for prolonged periods of time. Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

10.5 Incompatible materials

Strong oxidizing agents.

10.6 Hazardous decomposition products

Heating may generate the following products: Oxides of carbon.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Low acute toxicity by the oral, dermal and inhalation route.

ORL	RAT	LD50	5000	mg/kg
DERM	RABBIT	LD50	2000	mg/kg

Serious eye damage/eye irritation

Not irritating

Sensitisation

Guinea pig; not sensitizing

Respiratory sensitisation

Not expected to be a respiratory sensitiser

Germ cell mutagenicity (Genotoxicity - in vitro)

Ames test: Negative. This substance has no evidence of mutagenic properties.

Carcinogenicity No information required. IARC: No component of this product presents at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. Does not contain and IARC group 1, 2(a) or 2(b) Listed Chemicals. Polycyclic Aromatic Hydrocarbons by IP 346<1% There is no evidence that the product can cause cancer.

Reproductive toxicity No information required. In animal studies, did not interfere with reproduction. This substance has no evidence of toxicity to reproduction.

Aspiration hazard

Kinematic viscosity >20.5mm²/s. Based on physical properties, not likely to be an aspiration hazard.

General information

No specific health hazards known.

Skin contact

Not a skin sensitizer. Prolonged contact may cause dryness of the skin.

Eye contact

Repeated or prolonged contact with spray, mist or vapours may cause eye irritation but no permanent damage.

SECTION 12: Ecological information

Ecotoxicity

12.1 Toxicity

Aquatic Toxicity - fish:

LC50, 96 hours, 96 hours: >400000, Onchorhynchus mykiss (rainbow trout), units ppm

Acute toxicity - aquatic invertebrates

EC50, 96 hours: >500000, Species Mysidopsis bahia, Units ppm

Aquatic toxicity - aquatic plants Not determined

12.2 Persistence and degradability

This substance is inherently biodegradable.

Biodegradation - Degradation (%) 50: 28 days. Inherently biodegradable. OECD 301B

12.3 Bioaccumulative potential

Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.

Partition coefficient: <1

12.4 Mobility in soil

Mobility The product is insoluble in water and will spread on the water surface.

Surface tension: Not available

Additional ecological data: Do not allow product to reach ground water, water course or sewage system

12.5 Results of PBT and vPvB assessment

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

12.6 Other adverse effects

Although not toxic to vertebrates and invertebrates spilled material may affect organisms (especially small invertebrates) by physical smothering leading or by deoxygenation of the water below the oil film.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

General information

When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Waste class

EWC Code 13 08 99: oil wastes not otherwise specified.

SECTION 14: Transport information

General The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID)

Sea transport notes Marpol 73/78 Annex 1

14.1 UN number	ADR/RID: -	IMDG: -	IATA: -
14.2 UN proper shipping name	ADR/RID: Not dangerous goods	IMDG: Not dangerous goods	IATA: Not dangerous goods
14.3 Transport hazard class(es)	ADR/RID: -	IMDG: -	IATA: -
14.4 Packaging group	ADR/RID: -	IMDG: -	IATA: -
14.5 Environmental hazards	ADR/RID: no	IMDG Marine pollutant: no	IATA: no
14.6 Special precautions for user	no data available		

SECTION 15: Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

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

National regulations: Health and Safety at Work etc. Act 1974 (as amended).

Eu Legislation:

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as amended.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2 Chemical Safety Assessment

A chemical safety assessment has been carried out. This substance does not meet the criteria for human health or environmental classification. In addition, this substance does not meet PBT/vPvB criteria. Therefore no exposure scenarios are required.

Inventories

Canada DSL/NDSL - DSL

US - TSCA - Yes

Australia - AICS - Yes

Japan - MITI - Yes

Korea - KECI - Yes

China - IECSC - Yes

Phillippines - PICCS - Yes

SECTION 16: Other information

Revision comments - New issue in new format Revised classification

Issued by - HCS Group Technical Team

Revision Date - 02/06/16

Revision - 10

Supersedes date - 25/01/16

SDS number 20713

SDS status - approved

Risk Phrases in full not classified

Further information

The information provided in these documents is based on our present state of knowledge of the product and is given in good faith and to the best of our experience. However, it should not be construed as a technical specification or as guaranteeing specific properties. In no event will we be responsible for the damages or effects of any nature whatsoever either express or implied, resulting from the use of this information. It is the own responsibility of the consignee and the user of the product to comply with all prevailing and applicable laws, regulations and directives. They should also make their own determination as to the suitability of the product for a particular use or application.

Emergency number 112
