



SAFETY DATA SHEET
MINERALISED METHYLATED SPIRITS.

Page: 1
Compilation date: 02/07/2013
Revision date: 05/02/2018
Revision No: 2

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

1.1. Product identifier

Product name: MINERALISED METHYLATED SPIRITS.

Product code: MMSPGEN

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

Use of substance / mixture: Solvent for thinning french polish, cleaning brushes and glassware etc. Advised against any other use than those identified.

1.3. Details of the supplier of the safety data sheet

Company name: J.V. Barrett & Co Ltd

St Ivel way

Warmley

Bristol

BS30 8TY

United Kingdom

Tel: 01179600060

Fax: 01179352437

Email: sales@barrettine.co.uk

1.4. Emergency telephone number

Emergency tel: +44 (0) 1179 672222 (Office hours only 8am - 5pm Mon- Thurs. 8 am - 4.30 pm Fri.)

+44 (0) 1270 502891 (Out of hours emergency number)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Eye Irrit. 2: H319; Flam. Liq. 2: H225

Most important adverse effects: Highly flammable liquid and vapour. Causes serious eye irritation.

2.2. Label elements

Label elements:

Hazard statements: H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark

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SAFETY DATA SHEET

MINERALISED METHYLATED SPIRITS.

Page: 2



Signal words: Danger

Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
No smoking.
P280: Wear eye protection.
P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313: If eye irritation persists: Get medical advice/attention.
P405: Store locked up.
P102: Keep out of reach of children.
P501: Dispose of contents/container to local/regional/national/international regulations.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

ETHANOL - REACH registered number(s): 01-2119457610-43-XXXX

EINECS	CAS	PBT / WEL	CLP Classification	Percent
200-578-6	64-17-5	-	Flam. Liq. 2: H225	70-98%

PROPAN-2-OL - REACH registered number(s): 01-2119457558-25-XXXX

200-661-7	67-63-0	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336	1-10%
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ETHYL METHYL KETONE - REACH registered number(s): 01-2119457290-43-XXXX

201-159-0	78-93-3	-	Flam. Liq. 2: H225; Eye Irrit. 2: H319; STOT SE 3: H336; -: EUH066	1-10%
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Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.

Eye contact: Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.

Ingestion: Wash out mouth with water. Transfer to hospital as soon as possible.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. Transfer to hospital as soon as possible.

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SAFETY DATA SHEET

MINERALISED METHYLATED SPIRITS.

Page: 3

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

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

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

Immediate / special treatment: Treat Symptomatically

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Alcohol resistant foam. Dry chemical powder. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Vapour may travel considerable distance to source of ignition and flash back. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

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: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

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

Handling requirements: Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Avoid the formation or spread of mists in the air.

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SAFETY DATA SHEET

MINERALISED METHYLATED SPIRITS.

Page: 4

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep away from direct sunlight. Keep container tightly closed.

7.3. Specific end use(s)

Specific end use(s): No data available.

Section 8: Exposure controls/personal protection

8.1. Control parameters

Hazardous ingredients:

ETHANOL

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	1920 mg/m ³	-	-	-

PROPAN-2-OL

UK	999 mg/m ³	1250 mg/m ³	-	-
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ETHYL METHYL KETONE

UK	600 mg/m ³	899 mg/m ³	-	-
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DNEL/PNEC Values

Hazardous ingredients:

ETHANOL

Type	Exposure	Value	Population	Effect
DNEL	Inhalation	1900 mg/m ³	Workers	Local
DNEL	Dermal (repeated dose)	343 mg/kg/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	95 mg/m ³	Workers	Systemic
DNEL	Inhalation	950 mg/m ³	Consumers	Local
DNEL	Dermal (repeated dose)	206 mg/kg/day	Consumers	Systemic
DNEL	Inhalation (repeated dose)	114 mg/m ³	Consumers	Systemic
DNEL	Oral (repeated dose)	87 mg/kg/day	Consumers	Systemic
PNEC	Fresh water	0.96 mg/l	-	-
PNEC	Marine water	0.79 mg/l	-	-
PNEC	Sediment	3.6 mg/kg	-	-
PNEC	Soil (agricultural)	0.63 mg/kg	-	-

PROPAN-2-OL

Type	Exposure	Value	Population	Effect
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SAFETY DATA SHEET

MINERALISED METHYLATED SPIRITS.

Page: 5

DNEL	Dermal (repeated dose)	888 mg/kg/d	Workers	Systemic
DNEL	Inhalation (repeated dose)	500 mg/m ³	Workers	Systemic
DNEL	Dermal (repeated dose)	319 mg/kg/d	Consumers	Systemic
DNEL	Inhalation (repeated dose)	89 mg/m ³	Consumers	Systemic
DNEL	Oral (repeated dose)	26 mg/kg/d	Consumers	Systemic
PNEC	Fresh water	140.9 mg/l	-	-
PNEC	Marine water	140.9 mg/l	-	-
PNEC	Soil (agricultural)	25 mg/kg	-	-
PNEC	Microorganisms in sewage treatment	2251 mg/l	-	-
PNEC	Oral	160 mg/kg food	-	-

ETHYL METHYL KETONE

Type	Exposure	Value	Population	Effect
DNEL	Oral (repeated dose)	31 mg/kg/bw/day	Consumers	Systemic
DNEL	Dermal (repeated dose)	412 mg/kg/bw/day	Consumers	Systemic
DNEL	Dermal (repeated dose)	1161 mg/kg/bw/day	Workers	Systemic
DNEL	Inhalation (repeated dose)	106 mg/m ³	Consumers	Systemic
DNEL	Inhalation (repeated dose)	600 mg/m ³	Workers	Systemic
PNEC	Fresh water	55.8 mg/l	-	-
PNEC	Fresh water sediments	284.7 mg/kg	-	-
PNEC	Marine water	55.8 mg/l	-	-
PNEC	Marine sediments	284.7 mg/kg	-	-
PNEC	Microorganisms in sewage treatment	709 mg/l	-	-
PNEC	Soil (agricultural)	22.5 mg/kg	-	-

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: If ventilation is insufficient suitable respiratory protection must be provided.

Hand protection: Protective gloves.

Eye protection: Tightly fitting safety goggles.

Skin protection: Protective clothing.

Environmental: Avoid release to the environment

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Purple

Odour: Alcoholic

Evaporation rate: No data available.

Oxidising: No data available.

Solubility in water: Miscible in all proportions

Viscosity: No data available.

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SAFETY DATA SHEET

MINERALISED METHYLATED SPIRITS.

Page: 6

Boiling point/range°C: 78 @ 760 mmHg	Melting point/range°C: No data available.
Flammability limits %: lower: No data available.	upper: No data available.
Flash point°C: 12 cc	Part.coeff. n-octanol/water: No data available.
Autoflammability°C: 365	Vapour pressure: 58 mbar @ 20oC
Relative density: 0.805 @ 20oC	pH: No data available.
VOC g/l: >95%	

9.2. Other information

Other information: No data available.

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. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents. Strong acids.

10.6. Hazardous decomposition products

Haz. decomp. products: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

ETHANOL

IVN	RAT	LD50	1440	mg/kg
ORL	MUS	LD50	3450	mg/kg
ORL	RAT	LD50	7060	mg/kg

PROPAN-2-OL

IVN	RAT	LD50	1088	mg/kg
ORL	MUS	LD50	3600	mg/kg

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SAFETY DATA SHEET

MINERALISED METHYLATED SPIRITS.

Page: 7

ORL	RAT	LD50	5045	mg/kg
SCU	MUS	LDLO	6	gm/kg

ETHYL METHYL KETONE

DERMAL	RBT	LD50	10	ml/kg
ORAL	RAT	LD50	>2000	mg/kg

Relevant hazards for product:

Hazard	Route	Basis
Serious eye damage/irritation	OPT	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be irritation and redness at the site of contact.

Eye contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.

Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Delayed / immediate effects: Immediate effects can be expected after short-term exposure.

Other information: Not applicable.

Section 12: Ecological information

12.1. Toxicity

Hazardous ingredients:

ETHANOL

Salmo Gairdneri	96H LC50	13000	mg/l
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12.2. Persistence and degradability

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential: No bioaccumulation potential.

12.4. Mobility in soil

Mobility: Readily absorbed into soil.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: Negligible ecotoxicity.

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SAFETY DATA SHEET

MINERALISED METHYLATED SPIRITS.

Page: 8

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

14.1. UN number

UN number: UN1170

14.2. UN proper shipping name

Shipping name: ETHANOL SOLUTION (ETHYL ALCOHOL SOLUTION)

14.3. Transport hazard class(es)

Transport class: 3

14.4. Packing group

Packing group: II

14.5. Environmental hazards

Environmentally hazardous: No

Marine pollutant: No

14.6. Special precautions for user

Special precautions: No special precautions.

Tunnel code: D/E

Transport category: 2

Section 15: Regulatory information

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

Specific regulations: 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

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: EUH066: Repeated exposure may cause skin dryness or cracking.

H225: Highly flammable liquid and vapour.

H319: Causes serious eye irritation.

H336: May cause drowsiness or dizziness.

[cont...]

SAFETY DATA SHEET

MINERALISED METHYLATED SPIRITS.

Page: 9

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.