



SAFETY DATA SHEET
MINERALISED METHYLATED SPIRITS

Page: 1

Compilation date: 07/07/2017

Revision No: 1

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

1.1. Product identifier

Product name: MINERALISED METHYLATED SPIRITS

Product code: MMSWGEN

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 600060 (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

[cont...]

SAFETY DATA SHEET

MINERALISED METHYLATED SPIRITS

Page: 2



Signal words: Danger

Precautionary statements: P102: Keep out of reach of children.

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P241: Use explosion-proof electrical/ventilating/lighting equipment.

P233: Keep container tightly closed.

P240: Ground/Bond container and receiving equipment.

P242: Use only non-sparking tools.

P243: Take precautionary measures against static discharge.

P264: Wash contaminated skin thoroughly after handling.

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.

P370+378: In case of fire: Use foam, carbon dioxide, dry powder or water fog to extinguish.

P403+235: Store in a well-ventilated place. Keep cool.

P405: Store locked up.

P501: Dispose of contents/container to local or national regulations. Empty containers may contain residual product and vapours. Do not weld on or near empty containers.

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	>90%

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%
-----------	---------	---	---	-------

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%
-----------	---------	---	--	-------

Section 4: First aid measures

[cont...]

SAFETY DATA SHEET

MINERALISED METHYLATED SPIRITS

Page: 3

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.

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.

[cont...]

SAFETY DATA SHEET

MINERALISED METHYLATED SPIRITS

Page: 4

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.

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	-	-
----	-----------------------	------------------------	---	---

ETHYL METHYL KETONE

UK	600 mg/m ³	899 mg/m ³	-	-
----	-----------------------	-----------------------	---	---

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

[cont...]

SAFETY DATA SHEET

MINERALISED METHYLATED SPIRITS

Page: 5

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
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: Ensure emissions from ventilation or equipment comply with environmental protection legislation.

[cont...]

SAFETY DATA SHEET

MINERALISED METHYLATED SPIRITS

Page: 6

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.	
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: No data available.	

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

[cont...]

SAFETY DATA SHEET

MINERALISED METHYLATED SPIRITS

Page: 7

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

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.

[cont...]

SAFETY DATA SHEET

MINERALISED METHYLATED SPIRITS

Page: 8

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.

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.

[cont...]

SAFETY DATA SHEET

MINERALISED METHYLATED SPIRITS

Page: 9

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.

Legend to abbreviations: PNEC = predicted no effect concentration

DNEL = derived no effect level

LD50 = median lethal dose

LC50 = median lethal concentration

LDLO = lethal dose low

EC50 = median effective concentration

IC50 = median inhibitory concentration

dw = dry weight

bw = body weight

cc = closed cup

oc = open cup

MUS = mouse

GPG = guinea pig

RBT = rabbit

HAM = hamster

HMN = human

MAM = mammal

PGN = pigeon

IVN = intravenous

SCU = subcutaneous

ORL = oral

SKN = skin

DRM = dermal

OCC = ocular/corneal

OPT = optical

ING = ingestion

INH = inhalation

PCP = physico-chemical properties

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.