



SAFETY DATA SHEET

MINERALISED METHS

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Compilation date: 30/11/2012

Revision No: 1

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

1.1. Product identifier

Product name: MINERALISED METHS

Product code: S102

Synonyms: METHYLATED SPIRITS

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

1.3. Details of the supplier of the safety data sheet

Company name: Solvents With Safety Ltd

Units 1 - 4

Plumtree Farm Ind Est

Harworth

Doncaster

DN11 8EW

United Kingdom

Tel: 01302 711733

Fax: 01302 711744

Email: sales@solventswithsafety.co.uk

1.4. Emergency telephone number

Emergency tel: 08445605341

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Flam. Liq. 2: H225; Aquatic Chronic 2: H411; Acute Tox. 4: H302+312+332

Most important adverse effects: Highly flammable liquid and vapour. Toxic to aquatic life with long lasting effects. Harmful if swallowed, in contact with skin or if inhaled.

2.2. Label elements

Label elements:

Hazard statements: H225: Highly flammable liquid and vapour.

H411: Toxic to aquatic life with long lasting effects.

H302+312+332: Harmful if swallowed, in contact with skin or if inhaled.

Signal words: Warning

Hazard pictograms: GHS02: Flame

GHS07: Exclamation mark

GHS09: Environmental



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Precautionary statements: P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240: Ground/Bond container and receiving equipment.
P241: Use explosion-proof electrical/ventilating/lighting equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P303+361+353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P403+235: Store in a well-ventilated place. Keep cool.
P502: Refer to manufacturer/supplier for information on recovery/recycling.

2.3. Other hazards

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

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: MINERALISED METHS

Contains: This product is a blend of the following Hazardous ingredients.....Ethanol, methanol, demineralised water. Approx 94% Alcohol (mainly ethanol). 7-8 % Methanol. 4% water. <0.1% aldehydes, keytones, naptha,, pyradine.

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Consult a doctor.

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.

Ingestion: Wash out mouth with water. Do not induce vomiting. Consult a doctor.

Inhalation: Move to fresh air in case of accidental inhalation of vapours. If unconscious, check for breathing and apply artificial respiration if necessary. Consult a doctor.

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

Skin contact: There may be redness or whiteness of the skin in the area of exposure. An itchy rash may occur at the site of contact.

Eye contact: There may be irritation and pain.

Ingestion: Severe poisoning can cause unconsciousness and severe and persistent nausea and vomiting.

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

Delayed / immediate effects: There may be drowsiness, slurred speech, muscular weakness, muscle twitching, tremor, blurred vision, dilated pupils and shock. There may be vomiting and diarrhoea.

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

Immediate / special treatment: Eye bathing equipment should be available on the premises.

Section 5: Fire-fighting measures

5.1. Extinguishing media

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

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Vapour may travel considerable distance to source of ignition and flash back. Highly flammable. Forms explosive air-vapour mixture.

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: Refer to section 8 of SDS for personal protection details. Do not attempt to take action without suitable protective clothing - see section 8 of SDS.

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers. Contain the spillage using bunding. Alert the neighbourhood to the presence of fumes or gas.

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. Do not use equipment in clean-up procedure which may produce sparks. Mix with sand or vermiculite.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area. Smoking is forbidden. Use non-sparking tools.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. Prevent the build up of electrostatic charge in the immediate area.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

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Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area. Ensure all engineering measures mentioned in section 7 of SDS are in place.

Respiratory protection: Self-contained breathing apparatus must be available in case of emergency. Gas/vapour filter, type A: organic vapours (EN141).

Hand protection: Protective gloves.

Eye protection: Tightly fitting safety goggles.

Skin protection: Solvent resistant protective clothing.

Environmental: Prevent from entering in public sewers or the immediate environment.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Pale purple

Odour: Characteristic odour

9.2. Other information

Other information: This product is a blend of the following Hazardous ingredients.....Ethanol, methanol , demineralised water. Approx 94% Alcohol (mainly ethanol). 7-8 % Methanol. 4% water. <0.1% aldehydes, keytones, naptha,, pyradine.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

10.3. Possibility of hazardous reactions

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

10.4. Conditions to avoid

Conditions to avoid: Heat. Sources of ignition. Flames.

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents.

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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

Relevant hazards for substance:

Hazard	Route	Basis
Acute toxicity (ac. tox. 4)	INH DRM ING	Hazardous: calculated

Symptoms / routes of exposure

Skin contact: There may be redness or whiteness of the skin in the area of exposure. An itchy rash may occur at the site of contact.

Eye contact: There may be irritation and pain.

Ingestion: Severe poisoning can cause unconsciousness and severe and persistent nausea and vomiting.

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

Delayed / immediate effects: There may be drowsiness, slurred speech, muscular weakness, muscle twitching, tremor, blurred vision, dilated pupils and shock. There may be vomiting and diarrhoea.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: Absorbed only slowly 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: Toxic to aquatic organisms.

Section 13: Disposal considerations

13.1. Waste treatment methods

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

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Recovery operations: Solvent reclamation/regeneration.

Waste code number: 08.01.11

Disposal of packaging: 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 (ETHYL ALCOHOL)

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: Yes

14.6. Special precautions for user

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

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 453/2010.

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

Phrases used in s.2 and s.3: H225: Highly flammable liquid and vapour.

H302+312+332: Harmful if swallowed, in contact with skin or if inhaled.

H411: Toxic to aquatic life with long lasting effects.

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.