

This Safety Data Sheet is prepared in accordance with Annex II to Regulation (EC) No 1907/2006.

=====

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

1.1. Product identifier

Methylated Spirit

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

General purpose surface cleaner.

1.3. Details of the supplier of the safety data sheet

TOMPS

220 New Road

Sutton bridge

Lincolnshire

PE12 9QE

UK

Telephone number: 0333 1212120

E-mail address: admin@tomps.com

1.4. Emergency telephone number

0333 1212120

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

F - Highly Flammable

Xn - Harmful

2.2. Label elements



F – Flammable



Xn - Harmful

The product is labelled as follows in accordance with

(EC) No. 1272/2008

Symbol letter(s) and indication(s) of danger:

F – Highly Flammable

Xn - Harmful

Contains:

Ethanol

Methanol (< 10%)

Residual quantities of aldehydes, ketones, naptha & pyridine (all <1.0%)

R-phrases:

R11 Highly Flammable

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed

R68/20/21/22: Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed

S-phrases:

S2 Keep out of the reach of children.

S7 Keep container tightly closed.

S16 Keep away from sources of ignition - No smoking.

S36/37: Wear suitable protective clothing and gloves

This Safety Data Sheet is prepared in accordance with Annex II to Regulation (EC) No 1907/2006.

=====

S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label whenever possible.)
S56 Dispose of this material and its container at hazardous or special waste collection point.

Additional phrases:

2.3. Other hazards

All retail packs require a child resistant closure approved to BS EN ISO 28317 and a tactile danger warning triangle

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Substances presenting a health or environmental hazard within the meaning of the Dangerous Substances Directive 67/548/EEC or Regulation (EC) No. 1272/2008, assigned a Community workplace exposure limit, classified as PBT/vPvB or included in the Candidate List

Substance name	Conc. range	Classification (*)	EC No	CAS No	Registration No
Ethanol	90-99	F-Highly Flammable	200-578-6	64-17-5	
Methanol	1-10	Xn-Harmful	200-659-6	67-56-1	

(*) See Section 16 for full text of R-phrases and H-statements.

SECTION 4: First aid measures

4.1. Description of first aid measures

In all cases of doubt, or when symptoms persist, seek medical attention.

Never give anything by mouth to an unconscious person.

If unconscious place in recovery position and seek medical advice.

Inhalation

Remove to fresh air, keep patient warm and at rest.

If breathing is irregular or stopped, administer artificial respiration.

Skin contact

Remove contaminated clothing.

Wash skin thoroughly with soap and water or use recognised skin cleanser.

Do NOT use solvents or thinners.

Eye contact

Remove contact lenses, irrigate copiously with clean, fresh water, holding the eyelids apart for at least 10 minutes and seek immediate medical advice.

Ingestion

If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

Keep at rest.

Do NOT induce vomiting.

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

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

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

recommended: alcohol resistant foam, CO2, powders, water spray/mist

not be used for safety reasons:

water jet.

5.2. Special hazards arising from the substance or mixture

Fire will produce dense black smoke.

This Safety Data Sheet is prepared in accordance with Annex II to Regulation (EC) No 1907/2006.

=====

Exposure to decomposition products may cause a health hazard.

Appropriate breathing apparatus may be required.

5.3. Advice for fire-fighters

Cool closed containers exposed to fire with water.

Do not allow run-off from fire fighting to enter drains or water courses.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Exclude sources of ignition and ventilate the area.

Avoid breathing vapours.

Refer to protective measures listed in sections 7 and 8.

6.2. Environmental precautions

Do not allow to enter drains or watercourses.

If the product contaminates lakes, rivers or sewage, inform appropriate authorities in accordance with local regulations.

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

Clean preferably with a detergent - avoid use of solvents.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limits.

In addition, the product should only be used in areas from which all naked lights and other sources of ignition have been excluded.

Electrical equipment should be protected to the appropriate standard.

Mixture may charge electrostatically: always use earthing leads when transferring from one container to another.

Operators should wear anti-static footwear and clothing and floors should be of the conducting type.

Isolate from sources of heat, sparks and open flame.

No sparking tools should be used.

Avoid skin and eye contact.

Avoid the inhalation of dust, particulates and spray mist arising from the application of this mixture.

Avoid inhalation of dust from sanding.

Smoking, eating and drinking should be prohibited in application area.

For personal protection see Section 8.

Never use pressure to empty: container is not a pressure vessel.

Always keep in containers of same material as the original one.

Comply with the health and safety at work laws.

Do not allow to enter drains or water courses.

Information on fire and explosion protection

Vapours are heavier than air and may spread along floors.

Vapours may form explosive mixtures with air.

7.2. Conditions for safe storage, including any incompatibilities

Store in accordance with

This Safety Data Sheet is prepared in accordance with Annex II to Regulation (EC) No 1907/2006.

=====

the Dangerous Substances and Explosive Atmospheres Regulations (DSEAR). The requirements are given in the HSE Approved Code of Practice and Guidance, Storage of Dangerous Substances: DSEAR.

Notes on joint storage

Keep away from oxidising agents, from strongly alkaline and strongly acid materials.

Additional information on storage conditions

Observe label precautions.

Store between 5 and 25 °C in a dry, well ventilated place away from sources of heat and direct sunlight.

Keep container tightly closed.

Keep away from sources of ignition.

No smoking.

Prevent unauthorised access.

Containers which are opened must be carefully resealed and kept upright to prevent leakage.

The principles contained in the HSE guidance note Chemical Warehousing:

The Storage of Packaged Dangerous Substances, should be observed when storing this product

7.3. Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Substance name	8 Hours ppm	TWA (1) mg/m ³	STEL (2) ppm	mg/m ³
Ethanol	1000	1920		
Methanol	200	270	250	skin

.....

(1) Eight hours Time Weighted Average according to

EH40 - List of approved workplace exposure limits.

(2) Short Term Exposure Limits

8.2. Exposure controls

Provide adequate ventilation.

Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Occupational exposure controls

Respiratory protection:

If workers are exposed to concentrations above the exposure limit they must use appropriate, certified respirators.

Hand protection:

There is no one glove material or combination of materials that will give unlimited resistance to any individual or combination of chemicals.

For prolonged or repeated handling, use Nitrile rubber, NBR

The breakthrough time must be greater than the end use time of the product.

The instructions and information provided by the glove manufacturer on use, storage, maintenance and replacement must be followed.

Gloves should be replaced regularly and if there is any sign of damage to the glove material.

Always ensure that gloves are free from defects and that they are stored and used correctly.

The performance or effectiveness of the glove may be reduced by physical/ chemical damage and poor maintenance.

This Safety Data Sheet is prepared in accordance with Annex II to Regulation (EC) No 1907/2006.

=====

Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred.

Eye protection:

Use safety eyewear designed to protect against splash of liquids.

Skin protection:

Personnel should wear anti-static clothing made of natural fibre or of high temperature resistant synthetic fibre.

Environmental exposure controls

.....
Do not allow to enter drains or water courses.

SECTION 9: Physical and chemical properties

General information

Appearance: Liquid
Blue/Purple

Odour: Alcohol like

Odour threshold: Not determined

9.1. Information on basic physical and chemical properties

pH: Not determined	Method:
Melting point/freezing point: Not determined	Method:
Initial boiling point and boiling range: 78°C	Method:
Flash point: 12°C	Method:
Evaporation rate: 0.75 (nBut Ac = 1)	Method:
Flammability (solid, gas):	
Upper/lower flammability limits: 4.3%-19% v/v in air	Method:
Vapour density: heavier than air	
Relative density: 0.81 +/- 0.01	Method:
Solubility(ies):	
Partition coefficient: n-octanol/water:	
Auto-ignition temperature: 420°C	Method:
Decomposition temperature: Not determined	Method:
Viscosity: 1.22mPas-1 @ 20°C	Method:
Explosive properties:	
Oxidising properties: Not determined	

9.2. Other information

VOC in g/l: 0.81 g/l

VOC Classification:

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stable under recommended storage and handling conditions (see section 7).

This Safety Data Sheet is prepared in accordance with Annex II to Regulation (EC) No 1907/2006.

=====

10.3. Possibility of hazardous reactions

Keep away from oxidising agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

10.4. Conditions to avoid

Static discharge, direct sunlight, high temperatures and sources of ignition.

When exposed to high temperatures may produce hazardous decomposition products.

10.5. Incompatible materials

10.6. Hazardous decomposition products

such as carbon monoxide and dioxide, smoke, oxides of nitrogen etc.

SECTION 11: Toxicological information

There are no data available on the mixture itself.

The mixture has been assessed following the conventional method of the Dangerous mixtures Directive 1999/45/EC and classified for toxicological hazards accordingly.

See Sections 2 and 15 for details.

11.1. Information on toxicological effects

EFFECTS OF SHORT-TERM EXPOSURE:

The substance irritates the eyes. Inhalation of high concentration of vapour may cause irritation of the eyes and respiratory tract. The substance may cause effects on the central nervous system.

EFFECTS OF LONG-TERM OR REPEATED EXPOSURE:

The liquid defats the skin. The substance may have effects on the upper respiratory tract and central nervous system, resulting in irritation, headache, fatigue and lack of concentration.

Exposure to component solvents vapours concentration in excess of the stated occupational exposure limit may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on kidney, liver and central nervous system.

Symptoms and signs include headache, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Solvents may cause some of the above effects by absorption through the skin.

Repeated or prolonged contact with the mixture may cause removal of natural fat from the skin resulting in non-allergic contact dermatitis and absorption through the skin.

The liquid splashed in the eyes may cause irritation and reversible damage.

Ingestion may cause nausea, diarrhoea and vomiting.

This takes into account, where known, delayed and immediate effects and also chronic effects of components from short-term and long-term exposure by oral, inhalation and dermal routes of exposure and eye contact.

SECTION 12: Ecological information

There are no data available on the mixture itself.

Do not allow to enter drains or water courses

12.1. Toxicity

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Do not allow to enter drains or water courses.

This Safety Data Sheet is prepared in accordance with Annex II to Regulation (EC) No 1907/2006.

=====

Wastes and emptied containers should be classified in accordance with The Environmental Protection (Duty of Care) Regulations (in England, Scotland, Wales or The Controlled Waste (Duty of Care) Regulations in Northern Ireland).

Waste Code: Name of Waste (according to Directive 2000/532/EC):
.....

Empty containers must be scrapped or reconditioned.

Not emptied containers are hazardous waste (waste code number 150110).

SECTION 14: Transport information

Transport within the user's premises:

Always transport in closed containers that are upright and secure.

Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Classification (all modes):

14.1. UN number 1170

14.2. UN proper shipping name Ethanol Solution

14.3. Transport hazard class(es) 3

Subsidiary Hazard Class:

Label numbers:

Flash Point: 12°C

14.4. Packing group II

14.5. Environmental hazards No

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Additional information for Transport in accordance with IMDG, ADR/RID and ICAO/IATA

IMDG Code (additional information)

Marine Pollutant: No

Marine Pollutant substance:

Emergency Schedule Number:

Viscous substances up to 30 litre packs:

ADR/RID (additional information)

Viscous substances up to 450 litre packs:

ICAO/IATA (additional information)

Viscous substances:

The "viscosity exemption" provision does not apply to air transport.

SECTION 15: Regulatory information

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

The information in this Safety Data Sheet is required pursuant to the provisions of the Health and Safety at Work etc. Act [and the Control of Substances Hazardous to Health Regulations] apply to the use of this product at work.

Other requirements, restrictions and ban regulations:

SECTION 16: Other information

Issue Date: 15/03/2012

Revision Date:

Page 8 of 8

This Safety Data Sheet is prepared in accordance with Annex II to Regulation (EC) No 1907/2006.

=====

Full text of R-phrases and Hazard Statements appearing in section 3:

R11 Highly Flammable

R20/21/22: Harmful by inhalation, in contact with skin and if swallowed

R68/20/21/22: Harmful: possible risk of irreversible effects through inhalation, in contact with skin and if swallowed

.....

=====

The information contained in this Safety Data Sheet is based on the present state of knowledge and current national legislation.

It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.

The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions.

As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.

The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation.

Further information and advice can be found in:

=====