

**SAFETY DATA SHEET**  
**GLOBAL INDUSTRIAL METHYLATED SPIRITS 95%**  
**10040 GB Current 01.10.1998**

SAFETY DATA SHEET Ref No.

**1. PRODUCT AND COMPANY IDENTIFICATION**

<b>Trade Name</b>	<b>INDUSTRIAL METHYLATED SPIRITS 95%</b>
<b>Manufacturer/Supplier</b>	Global Lubricants Limited
<b>Address</b>	7 Sandwell Business Development Centre, Oldbury Rd, Smethwick, West Midlands, B66 1NN, England
<b>Phone Number</b>	+44 (0) 121 544 3638
<b>Fax Number</b>	+44 (0) 121 544 3638
<b>Emergency Phone Number</b>	+44 (0) 410 754382

**2. COMPOSITION/INFORMATION ON THE COMPONENTS**

<b>Ingredient 1:</b>	Ethanol: 91.10%
<b>Ingredient 2:</b>	Methanol: 3.85%

**3. HAZARD IDENTIFICATION**

<b>Main Hazards</b>	Harmful by inhalation and if swallowed
<b>Other Hazards</b>	In use may form flammable / explosive vapour air mixture.

**4. FIRST AID MEASURES (SYMPTOMS)**

<b>First Aid - Eyes</b>	There may be irritation and redness
<b>First Aid - Skin</b>	There may be mild irritation at the site of contact
<b>First Aid - Ingestion</b>	There may be confusion, aggressive behaviour, Slurred speech and staggering walk. Severe poisoning can cause unconsciousness and severe and persistent nausea and vomiting. Convulsions may occur.
<b>First Aid - Inhalation</b>	There may be irritation of the throat with a feeling of tightness in the chest. Absorption through the lungs can occur causing symptoms similar to those of ingestion.

#### **4. FIRST AID MEASURES (ACTION)**

<b>Skin Contact</b>	Remove all contaminated clothing and footwear immediately unless stuck to skin. Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Transfer to hospital if there are burns or symptoms of poisoning.
<b>Eye Contact</b>	Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
<b>Ingestion</b>	Do not induce vomiting. If conscious, give 1 pint Of water to drink immediately. If unconscious check for breathing and apply artificial respiration if necessary. If unconscious and breathing is ok place in recovery position. Transfer to hospital as soon as possible
<b>Inhalation</b>	Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious check for breathing and apply artificial respiration if necessary. If unconscious and breathing is ok place in recovery position. If conscious ensure casualty sits or lies down. If breathing becomes bubbly, have the casualty sit and provide oxygen if available.

#### **5. FIRE FIGHTING MEASURES**

<b>Extinguishing Media</b>	Use carbon dioxide, alcohol resistant foam.
<b>Exposure Hazards</b>	Highly flammable. Forms explosive air vapour mixture. Vapour may travel considerable distance to source of ignition and flash back. In combustion emits toxic fumes of carbon dioxide and carbon monoxide.
<b>Protective Equipment for Fire-Fighting</b>	Wear self contained breathing apparatus.

#### **6. ACCIDENTAL RELEASE MEASURES**

<b>Personal Precautions</b>	Eliminate all sources of ignition. Mark out The contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak side up to prevent the escape of liquid.
<b>Environmental Precautions</b>	Try to prevent the material from entering drains or water courses. Contain the spillage using bunding.
<b>Clean up Procedures</b>	Absorb into dry earth or sand. If inside, transfer Outside of building in suitable containers. Wash the spillage site with large amounts of water. For small spills, absorb on to paper and allow to evaporate in a fume cupboard.

## **7. HANDLING AND STORAGE**

<b>Handling</b>	Ensure there is sufficient ventilation of the area. Smoking is forbidden. Earth any equipment used in handling.
<b>Storage</b>	Store in cool, well ventilated area. Keep away from sources of ignition. Keep container tightly closed. Ensure lighting and electrical equipment are not a source of ignition.
<b>Suitable Packaging</b>	Steel drums.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

<b>Engineering Control Measures</b>	Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.
<b>Respiratory Protection</b>	Self contained breathing apparatus must be available in case of emergency. .
<b>Hand Protection</b>	Protective gloves made of PVC.
<b>Eye Protection</b>	Goggles
<b>Skin Protection</b>	Protective clothing with elasticated cuffs and Closed neck. Boots made of PVC.
<b>TWA (8 hr exposure limit)</b>	1920 mg/m <sup>3</sup>

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State</b>	Liquid.
<b>Colour</b>	Colourless.
<b>Odour</b>	Characteristic odour.
<b>Flash Point (°C)</b>	12
<b>Solubility in Water</b>	Miscible.
<b>Also Soluble in</b>	Chloroform. Acetone. Diethyl ether
<b>Relative Density</b>	0.785
<b>Viscosity</b>	Non-viscous.
<b>Vapour Pressure</b>	44.6mm@20 <sup>0</sup> C.
<b>Oxidising</b>	Non-oxidising (by EC criteria)
<b>Evaporation Rate</b>	Moderate
<b>Boiling Point Range <sup>0</sup>C</b>	78
<b>Melting Point Range <sup>0</sup>C</b>	-130
<b>Flammability limits % : lower</b>	3.3
<b>: upper</b>	19
<b>Auto flammability <sup>0</sup>C</b>	363

## **10. STABILITY AND REACTIVITY**

<b>Stability</b>	Stable under normal conditions.
<b>Conditions to Avoid</b>	Sources of ignition.
<b>Materials to Avoid</b>	Strong oxidising agents. Acids. Acid chlorides. Acid anhydrides. Alkali metals.
<b>Hazardous Products</b>	In combustion emits toxic fumes of carbon dioxide and carbon monoxide.

## **11. TOXICOLOGICAL INFORMATION**

<b>Ingredient 1</b>	Ethanol ORL RAT LD50 7060mg/kg
<b>Ingredient 2</b>	Methanol ORL RAT LC50 5628mg/kg

## **12. ECOLOGICAL INFORMATION**

<b>Mobility</b>	Volatile. Soluble in water. Readily absorbed into soil.
<b>Degradability</b>	Biodegradable
<b>Accumulation</b>	No bioaccumulation potential.
<b>Short / long term effects</b>	Negligible eco-toxicity

## **13. DISPOSAL**

<b>NB:</b>	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.
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#### **14. TRANSPORT INFORMATION**

##### **ADR / RID**

<b>UN Number</b>	1170
<b>ADR - Class</b>	3
<b>Hazard ID No.</b>	33
<b>Item No</b>	3 <sup>0</sup> (b)
<b>Labelling</b>	3

##### **IMDG / IMO**

<b>UN Number</b>	1170
<b>Class</b>	3.2
<b>Packing Group.</b>	11
<b>EmS</b>	3-06
<b>Marine Pollutant</b>	No
<b>MFAG</b>	305
<b>Labelling</b>	3 Flammable Liquid

##### **IATA / ICAO**

<b>UN Number</b>	1170
<b>Class</b>	3
<b>Packing Group.</b>	11
<b>Packing Instructions</b>	307
<b>Quantity</b>	60L
<b>Labelling</b>	3 Flammable Liquid

#### **15. REGULATORY INFORMATION**

<b>Hazard Symbols</b>	Highly flammable. Harmful
<b>R phrases</b>	R20/22 Harmful by inhalation and if swallowed.
<b>S phrases</b>	S1/2 Keep locked up and out of reach of children S7 Keep container tightly closed S16 Keep away from sources of ignition – No smoking S24 Avoid contact with skin S45 In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).
<b>Note</b>	The regulatory information given above only indicates the principal regulations specifically applicable to the described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

## **16. ADDITIONAL INFORMATION**

### **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.