

SAFETY DATA SHEET

METHANOL

Page 1

Issued: 02/05/00

Revision No: 1

Danum Laboratory Services

2 Duncroft Grove

Rossington

Doncaster DN11 0UL

Tel: 01302 864668

Fax: 01302 860880

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name: METHANOL

Product code: GEN0810

Use / description of product: Highly flammable. Toxic. Volatile liquid.

2. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient 1: DLS METHANOL >90%

[F] R11; [T] R23/25;

3. HAZARDS IDENTIFICATION

Main hazards: Highly flammable. Toxic by inhalation and if swallowed.

4. FIRST AID MEASURES (SYMPTOMS)

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

Eye contact: There may be irritation and redness.

Ingestion: There may be soreness and redness of the mouth and throat.

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

4. FIRST AID MEASURES (ACTION)

Skin contact: Drench the affected skin with running water for 10 minutes or longer if substance is still on skin.

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

Ingestion: If conscious, give 1 pint of water to drink immediately.

Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Water. Vapourising Liquids. Dry powder Do not use foam and mist, alcohol foam. Do not use carbon dioxide.

Exposure hazards: Highly flammable. Vapour/air mixture explosive. Decomposes to emit acrid smoke and irritating fumes.

Protection of fire-fighters: Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Refer to section 8 of SDS for personal protection details.

Environmental precautions: Do not allow large quantities to enter local drainage systems

7. HANDLING AND STORAGE

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection: Self-contained breathing apparatus must be used in handling.

[cont...]

SAFETY DATA SHEET
METHANOL**Hand protection:** Protective gloves.**Eye protection:** Safety goggles. Face-shield.**Skin protection:** Protective clothing with elasticated cuffs and closed neck.**9. PHYSICAL AND CHEMICAL PROPERTIES****State:** Volatile liquid.**Colour:** Colourless**Odour:** Characteristic odour**Solubility in water:** Miscible in all proportions**Boiling point/range°C:** 65**Melting point/range°C:** -98**Flash point°C:** 12**10. STABILITY AND REACTIVITY****Stability:** Stable under normal conditions.**Conditions to avoid:** Store at temperature below 8 degrees.**Materials to avoid:** Oxidising agents.**11. TOXICOLOGICAL INFORMATION****12. ECOLOGICAL INFORMATION****13. DISPOSAL CONSIDERATIONS****Waste disposal:** Dispose of as normal industrial waste.**Disposal of packaging:** Dispose of as normal industrial waste.**NB:** The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.**14. TRANSPORT INFORMATION****ADR / RID****UN no:** 1230**ADR Class:** 3**Hazard ID no:** 336**Labelling:** 3+6.1**Shipping name:** METHANOL**IMDG / IMO****UN no:** 1230**Class:** 3.2**Packing group:** II**EmS:** 3-06**Marine pollutant:** NO**Labelling:** 3+6.1**IATA / ICAO****UN no:** 1230**Class:** 3

SAFETY DATA SHEET
METHANOL

Packing group: II
Subsidiary risk: 6.1
Packing instructions: 307
Quantity 60 L
Labelling: 3+6.1

15. REGULATORY INFORMATION

Hazard symbols: Highly flammable.
Toxic.



Risk phrases: R11: Highly flammable.
R23/25: Toxic by inhalation and if swallowed.

Safety phrases: S2: Keep out of the reach of children.
S7: Keep container tightly closed.
S16: Keep away from sources of ignition - No smoking.
S24/25: Avoid contact with skin and eyes.
S45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product 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

Risk phrases used in s.2: R11: Highly flammable.
R23/25: Toxic by inhalation and if swallowed.

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.