

Safety Data Sheet

Methylated Spirits

1: Identification of the material and supplier

Names

Product Name: Methylated Spirits
Other Name: Ethanol
Supplier: Chemform Pty Ltd (ABN: 50 008 905 119)
7 Kirke Street, Balcatta, WA 6021
Phone (08) 9344 2455 Fax: (08) 9344 4360 Email: admin@chemform.com.au
Emergency Telephone: Poisons Information Centre (Australia) 13 1126
Recommended Use: Solvent

2: Hazardous Identification

Statement of Hazardous Dangerous Nature: Highly flammable. Classified as hazardous according to the criteria of Safe Work Australia and classified as dangerous goods according to Australian Dangerous Goods Code.

Risk Phrase: R11 Highly flammable
Safety Phrases: S7 Keep containers tightly closed.
S16 Keep away from sources of ignition – No Smoking

3: Composition/Information on Ingredients

INGREDIENT	CAS NUMBER	PROPORTION
Ethyl alcohol	64-17-2	99%
Denaturant		<1.0%

4: First Aid Measures

Ingestion: If swallowed, do NOT induce vomiting.
Eye: If in eyes, hold eyelids apart and flush the eye continuously with running water.
Skin: Remove contaminated clothing.
Inhaled: Remove victim from exposure.
Long Term Effects: None known.
Advice to Doctor: Treat as for excess consumption of alcoholic drink.
First Aid Facilities: Eye wash station

5: Fire Fighting Measures

General Comment: The product is highly flammable.
Extinguishing Media: Dry chemical, carbon dioxide, water spray or fog.
Hazards from Combustion Products: Carbon monoxide and/or carbon dioxide.
Hazchem Code: 2 [Y] E

6: Accidental Release Measures

Spills and Disposal: Wash spill with copious quantities of water.

7: Handling and Storage

Handling: Highly flammable product.

Storage: Always replace lid on container after use. Store away from ignition sources in a cool well ventilated area below 25°C

Hygiene Measures: Wash hands, forearms and face thoroughly after handling the product, before eating, smoking and using the lavatory.

8: Exposure Controls – Personal Protection

National Exposure Standards TWA of 1880 mg/m³ as ethanol

Engineering Controls: Avoid generating mists. Keep containers tightly closed when not in use.

Eyes: Safety glasses

Hands: Nitrile gloves

Skin: Apron/overalls

9: Physical and Chemical Properties

Appearance: Colorless clear liquid

Odour: Alcoholic

pH (Undiluted): 7.0

Vapour Pressure: 44 mm of mercury at 20°C

Vapour Density: 1.6 at 15° (air=1)

Boiling Point: 78°C

Melting Point:

Solubility: Totally soluble

Specific Gravity: 0.8

Flash Point: 13°C (Abel)

Flammability Limits: Upper value 19.0%; lower value 3.5%

10: Stability and Reactivity

Chemical Stability: The product is stable under normal conditions.

Conditions to Avoid: Heat, sparks, open flames, smoking and static discharge.

Incompatible Materials: Strong oxidizing agents.

Hazardous Reaction:

11: Toxicological Information

Ingestion (acute): Swallowing can cause drunkenness or harmful central nervous system effects.

Eyes (acute): Irritating.

Skin (acute): Mild irritant. Prolonged contact may lead to dermatitis.

Inhalation (acute): Irritation to respiratory system and drunkenness.

Chronic Effects: Long term exposure by swallowing or repeated inhalation, may cause degenerative changes in the liver, kidneys and heart.

12: Ecological Information

Environmental Protection This substance may be hazardous to the environment.

13: Disposal Considerations

Disposal Methods: Disposal of this product should at all times comply with requirements of environmental protection and waste disposal legislation as well as requirements by local authorities.

14: Transport Information

UN Number: 1170
UN Proper Shipping Name: Ethanol
Class 3
Subsidiary Risk: None allocated
Packing Group: II
Special Precautions For users: Keep containers tightly closed and away from all ignition sources.
Hazchem Code: 2 [Y] E
IERG Number: 14

15: Regulatory Information

Packaging & Labeling: This product contains a Scheduled Poison (S5) and must be stored, maintained and used in accordance with the relevant State Poisons Act. Defined as a "Dangerous Good" by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

16: Other Information

Prepared By: Brett Amos

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Change Made: Full Review

References: Australian Dangerous Goods Code
List of Designated Hazardous Substances
National Code of Practice for the Preparation of Material Safety Data Sheets
Standard for the Union Scheduling of Drugs and Poisons

Contact Person/Point: Australia:
24 HOUR EMERGENCY CONTACT
Poisons Information Centre (Australia) 13 1126

LEGAL DISCLAIMER:

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.

END OF SAFETY DATA SHEET