



## Material Safety Data Sheet

# METHYLATED SPIRITS 100%

ISSUE DATE: 1 April 2013

**HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA**

### COMPANY DETAILS

Company Name: ACS / ROTECH ABN: 711 309 361 31  
Address: Unit 2 – 5 Pembroke Road  
Wangara WA 6065 Tel: 9409 5222 Fax: 9409 5322

This Material Safety Data Sheet supersedes all previous issues for this product. The information contained in this bulletin is offered on data that we believe to be reliable and has been prepared in good faith, but without guarantee, as conditions and methods of use of our products are beyond our control.

**KEEP ALL CHEMICALS AWAY FROM CHILDREN**

## IDENTIFICATION

Product Name: Methylated Spirits  
Other Names: Ethanol (Ethyl Alcohol)  
U.N. Number: 1170  
DG Classification: 3  
Subsidiary Risk:  
Hazchem Code: 2[Y]E  
Packaging Code: ii  
Poisons Schedule: Not scheduled  
Use & Application: Alcohol solvent

### Physical Description / Properties

Appearance / Odour: A clear colourless, mobile liquid with an alcoholic odour  
Boiling Point: 78°C  
Vapour Pressure: 58.1mm Hg at 20°C  
Specific Gravity: 0.80 ± 0.01 @ 20°C  
Flash Point: LEL: 3.5% UEL: 19.0%  
Explosive Limit (%):  
Solubility in Water:



Other Properties: Volatile component >80%

Ingredients

CHEMICAL ENTITY	CAS. NUMBER	PROPORTION
Methylated spirits	64-17-5	100%

**HEALTH HAZARD INFORMATION**

Chronic Effects: Excessive chronic absorption may result in liver damage.  
Excessive ingestion can lead to alcoholism.

First Aid:

Swallowed: INDUCE VOMITING. Give 1 to 2 glasses of water. Seek medical attention or call ambulance.

Eye: Hold eyes open and flush with water for at least 15 minutes. If symptoms persist, seek medical attention.

Skin: Remove contaminated clothing and wash before re-use. Dry wipe the skin. Cleanse the affected area with soap and water.

Inhaled: No data supplied. not considered a feature of normal use.

Advice to Doctor: Treat symptomatically

Safety Precautions: Eye wash station. Good occupational work practices.

**PRECAUTIONS FOR USE**

Exposure Limits: TLV not established

Eng. Controls: Use in an area where there is adequate ventilation. Mechanical ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperature or is agitated.

Personal Protection: Always wash hands before smoking, eating, drinking or using the toilet. Avoid contact with the eyes and prolonged contact with the skin.

Flammability: Flammable

**SAFE HANDLING INFORMATION**

Storage / Transport: Store in a cool area. A flammable atmosphere can be produced in storage tank headspaces even when stored at a temperature below the flashpoint. Monitor and maintain headspace gas



concentrations below flammable limits. Ensure there are no ignition sources in the area. Avoid sparking conditions.

Proper Shipping Name: Ethanol (Ethyl Alcohol)  
EPG Number: 3A1  
IERG Number: 14  
Spills / Disposal:  
Fire / Explosion Hazards: Highly flammable. Keep away from heat, sparks or naked flames. Nearby equipment must be earthed.

Extinguishing Media:  
Hazardous Reaction:  
Hazchem Code: 2[Y]E

**OTHER INFORMATION**

Toxicology:  
Environment Protection:  
Labelling: This product does not contain a Scheduled Poison in accordance with the relevant State Poisons Act. Defined as a “Dangerous Goods” by the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Packaging:

**CONTACT POINT**

Australia: 24 Hour EMERGENCY CONTACT (ACOHs Pty Ltd):  
1800 638 556  
Poisons Information Centre  
13 1126

End of Material Safety Data Sheet