

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

- Product name: **METHYLATED SPIRITS**
- Product Code: None allocated
- Other names: None allocated
- Recommended use: CLEANER/SANITISER
- Supplier name: Blandeen Pty Ltd
- Supplier address: Po Box 274 Kilcoy QLD 4515
- Supplier telephone number: 0411 884 942
- Emergency number: POISONS INFORMATION CENTRE 131126 or Distributor 0755314890
- Distributor name: DUNCKERS
- Distributor address: 3A Whalley Creek Close Nambour QLD 4560
- Distributor telephone number: 07 54413390
- Distributor fax number: 07 54412630

SECTION 2 - HAZARDS IDENTIFICATION

Hazard Classification: Hazardous *according* to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).
Classified as Dangerous goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Hazard Categories: Flammable Liquids – Category 2

Signal Word: Danger

Pictograms:



Hazard Statements: H225 Highly flammable liquid and vapour

Precautionary Statements:

- | | |
|------------|--|
| Prevention | P210 Keep away from heat/sparks/open flames/hot surfaces –No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion proof electrical/ventilation/lighting equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static electricity.
P280 Wear protective gloves/ protective clothing/eye protection/ face protection. |
| Response | P303+P353 If on SKIN (or hair): Wash with plenty of soap and water.
P362 Take off contaminated clothing and wash before re-use.
P370+P378 In case of fire:_Use foam/water spray/fog for extinction. |
| Storage | P403+P235 Store in well ventilated place. Keep cool. |
| Disposal | P501 Dispose of contents/container to an approved waste disposal plant. |

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS Number	Proportion
Ethanol	64-17-5	99-100%

SECTION 4 - FIRST AID MEASURES

If poisoning occurs contact a Doctor immediately or the Poisons Information Centre on 131126.

- First Aid Facilities: Normal washroom facilities / Eye wash station / Safety shower
- Eye Contact: Rinse eyes immediately (including under eye lids) for at least 20 minutes with running water. Seek medical advice immediately.
- Skin Contact: Remove all contaminated clothing and footwear. Wash the skin with plenty of water. Seek medical advice. Fully launder clothes before re-use.
- Ingestion: DO NOT INDUCE VOMITING. Seek medical advice immediately. Do NOT attempt to give anything by mouth to an unconscious person. Rinse mouth with water. Give water to drink. If vomiting occurs, give further water to dilute.
- Inhalation: Remove to fresh air. Seek medical advice immediately. If not breathing provide artificial respiration.
- Advice to Doctor: Treat symptomatically. All treatments should be based on observation and symptoms of distress.

SECTION 5 - FIRE FIGHTING MEASURES

- Extinguishing Media: Alcohol stable foam, water spray or fog. Dry chemical powder or carbon dioxide for small fires only. Do not use water in a jet.
- Hazards from Combustion Products: Carbon monoxide and/or carbon dioxide may be evolved.
- Fire Fighters: Fire fighters to wear full protective clothing and self-contained breathing apparatus. Move upwind of fire. Keep containers that are exposed to heat cool with water spray.
- Hazchem Code: 2YE

SECTION 6 - ACCIDENTAL RELEASE MEASURES

- Emergency Procedures: Hazchem Code 2YE.
- Methods and Materials for Containment and Clean Up: For small spills (<1 drum), transfer by mechanical means to a labelled, sealable container for product recovery or safe disposal. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely. For larger spills (> 1 drum), transfer by means such as a vacuum truck to a salvage tank for recovery or disposal. Do not flush residues with water. Retain as contaminated waste. Allow any residues to evaporate or use an appropriate absorbent material and dispose of safely.

SECTION 7 HANDLING AND STORAGE

- Handling & Storage: Avoid contact with skin, eyes and clothing. Avoid breathing vapours. Wash thoroughly after handling. Handle and open container with care in well-ventilated area. Ensure that the workplace is ventilated such that the Occupational Exposure limit is not exceeded. Do not empty into drains. Do not eat, drink or smoke in contaminated areas. Before eating, drinking or smoking, remove contaminated clothing and wash hands. Do not store near strong oxidants. Keep away from sources of ignition.
- Dispensing: Electrostatic charges may be generated during transfer. Electrostatic discharge may cause fire. Ensure electrical continuity by earthing all equipment.
- Flammability: Highly Flammable.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

- Exposure standards: National Occupational Health & Safety Commission (NOHSC) Worksafe Australia has set an exposure standard 1880mg/m³ (1000ppm) TWA (8hr).
- Biological limit values: None established for this product.
- Engineering controls: Ensure ventilation is adequate and avoid generating mists of the product. Ensure eyewash and/or a safety shower in working area. Keep container closed when not in use.
- Personal Protective Equipment:
 - Eye protection: Avoid contact with eyes. The use of safety goggles/ glasses with side protection is recommended.
 - Skin Protection: Wear chemical resistant gloves, overalls, apron and appropriate footwear. Use solvent resistant gloves (nitrile, PVC or neoprene).
 - Respiratory: If ventilation is inadequate wear a respirator to protect against exposure to high vapour concentrations. Respirators should comply with AS/NZS 1715 and AS/NZS 1716.
 - Other: Do not eat, drink or smoke whilst handling product. Wash hands after use.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

- Appearance: A clear colourless liquid.
- Odour: Alcoholic odour.
- pH: Not available
- Vapour Pressure: 44mg Hg
- Vapour Density: 1.59
- Boiling Point: 78°C.
- Freezing/Melting Point: -117°C
- Solubility: Soluble in water.
- Specific Gravity: 0.8.
- Flash Point (°C) : 13°C.
- Flammability Limits: 3.5 – 19%.
- Auto Ignition: Not determined.
- Percent Volatiles: Not determined.

SECTION 10 - STABILITY AND REACTIVITY

- Chemical stability: Stable at normal temperatures and pressure.
- Conditions to avoid: Avoid heat, sparks, open flames and other ignition sources.
- Incompatible materials: Strong oxidising agents.
- Hazardous decomposition products: Burning can produce carbon monoxide and/or carbon dioxide.

SECTION 11 - TOXICOLOGICAL INFORMATION

- Ingestion: Accidental swallowing is unlikely in the workplace setting. Swallowing can cause drunkenness or harmful central nervous system effects. The deliberate ingestion of ethanol (50-100ml) may cause inebriation such that safety is impaired. Effects of a small intake may include excitation, euphoria, headache, dizziness, drowsiness, blurred vision, and fatigue. Ingestion of a large amount may lead to severe acute intoxication, tremors, convulsion, loss of consciousness, coma, respiratory arrest and death. Aspiration in to lung may cause pneumonitis.
- Skin Contact: Mild irritant. Prolonged contact may cause defatting of skin which can lead to dermatitis.
- Eye Contact: Vapours may irritate the eyes. Liquid or mists may severely irritate or damage the eyes.
- Inhalation: Inhalation of vapours or mists may cause irritation to the respiratory system. Inhalation of the vapour may result in drunkenness (as per effects of swallowing). Early symptoms may occur at airborne levels of 1000 to 5000ppm.
- Chronic: Long term exposure by swallowing or repeated inhalation, may cause degenerative changes in the liver, kidneys, gastrointestinal tract and heart muscle.

SECTION 12 - ECOLOGICAL INFORMATION

- Ecotoxicity: None available.
- Persistence and degradability: None available.
- Bioaccumulative potential: None available.
- Mobility: None available.

This product is miscible in water. Do not discharge bulk quantities into drains, waterways, sewer or environment. Notify your local authority if this occurs.

SECTION 13 - DISPOSAL CONSIDERATIONS

- Disposal: To dispose of quantities of undiluted product refer to your State Land Waste Management Authority. Do not discharge product into drains or waterways. Dispose of material through a licensed accredited waste disposal contractor.

SECTION 14 - TRANSPORT INFORMATION

- UN Number: 1170
- UN Proper Shipping Name: Ethanol
- Class and Subsidiary Risk: Class 3
- Packing Group: II
- Hazchem Code: 2YE
- Special precautions: None

SECTION 15 - REGULATORY INFORMATION

- SUSMP Classification: 5
- Regulatory Information: Hazardous *according* to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS).

SECTION 16 - OTHER INFORMATION

- Issue Date: November 2016.
- Version No. 1.0

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Since the supplier and/or distributor cannot anticipate or control the conditions under which the product may be used, every user must prior to usage review this SDS in the context of how the user intends to handle and use the product in the workplace. If clarification or further information is required to ensure that an appropriate risk assessment can be made, the user should contact this company.

END OF SDS