



Hi-Tec Oil Traders Pty Ltd ABN 28 053 837 362

5 Tarlington Place Smithfield NSW 2164

Correspondence: P.O Box 322 Castle Hill NSW 1765

Ph: 1300 796 009 | Fax: (02) 9604 1611 | Email: hitecoils@hi-tecoils.com.au

www.hi-tecoils.com.au

SAFETY DATA SHEET

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Issue Date: 5 May 2020

Hand Sanitiser

Version: 3

Product name: Hand Sanitiser

1. COMPANY DETAILS AND PRODUCT IDENTIFICATION

COMPANY: Hi-Tec Oil Traders Pty Ltd. (ABN 28 053 837 362)

ADDRESS: PO Box 322 Castle Hill NSW 1765
5 Tarlington Place, Smithfield NSW 2164

TELEPHONE NUMBER: 1300 796 009

FAX NUMBER: (02) 9604 1611

EMERGENCY TELEPHONE NUMBER: 1300 796 009

PRODUCT NAME: Hand Sanitiser

OTHER NAMES: None

MANUFACTURER'S PRODUCT CODE: HE8-3418

USE: Hand sanitiser.

ADDITIONAL INFORMATION: Refer to Product Information Sheet for additional information.

OTHER INFORMATION: Visit our website: www.hi-tecoils.com.au
Email: hitecoils@hi-tecoils.com.au

2. HAZARDS IDENTIFICATION

HAZARD CLASSIFICATION: NON-HAZARDOUS SUBSTANCE
DANGEROUS GOODS
Hazard classification according to GHS Classification.
Dangerous Goods classification according to Australian Dangerous Goods Code.

ADG CLASSIFICATION: Class 3 Flammable Liquids



GHS SIGNAL WORD: DANGER



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2. HAZARDS IDENTIFICATION (CONT)

HAZARD STATEMENT:

H226 Flammable liquid and vapour.

PREVENTION STATEMENTS:

P102: Keep out of reach of children.

P210: Keep away from heat, sparks, open flames and hot surfaces. - No smoking.

P233: Keep container tightly closed.

P262: Do not get in eyes, or on clothing.

P281: Use personal protective equipment as required.

RESPONSE STATEMENTS:

P337: If eye irritation persists: seek medical attention.

P352: Wash with plenty of soap and water.

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353: Bulk quantities: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water.

P370+P378: In case of fire, use carbon dioxide, dry chemical, foam, water fog.

STORAGE STATEMENTS:

P402+P404: Store in a dry place. Store in a closed container.

P403+P235: Store in a well-ventilated place. Keep cool.

DISPOSAL STATEMENTS:

P501: If no in-house recycle or reclaim resources are suitable for this product, contact a specialist waste disposal company (see Section 13 of this SDS).

3. IDENTIFICATION / COMPOSITION OF INGREDIENTS

CHEMICAL CHARACTERISTICS:

Liquid

INGREDIENTS:-

CHEMICAL ENTITY:

Ethanol

CAS No

64-17-5

PROPORTION (w/w)

75-85%

Other non hazardous ingredients

Various

< 5%

Water

7732-18-5

to 100

This is a commercial product whose exact ratio of components may vary slightly. Minor quantities of other non hazardous ingredients are also possible.

4. FIRST AID MEASURES

GENERAL INFORMATION:

You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

INHALATION:

First aid is not generally required. If in doubt, contact a Poisons Information Centre on 13 11 26 or a doctor.



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4. FIRST AID MEASURES (CONT)

SKIN CONTACT:

Gently blot away excess liquid. Irritation is unlikely. However, if irritation does occur, flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed.

EYE CONTACT:

No effects expected. If irritation does occur, flush contaminated eye(s) with lukewarm, gently flowing water for 5 minutes or until the product is removed. Obtain medical advice if irritation becomes painful or lasts more than a few minutes. Take special care if exposed person is wearing contact lenses.

INGESTION:

If product is swallowed or gets in mouth, do NOT induce vomiting; wash mouth with water and give some water to drink. If symptoms develop, or if in doubt contact a Poisons Information Centre or a doctor.

5. FIRE FIGHTING MEASURES

FIRE AND EXPLOSION HAZARDS:

The major hazard in fires is usually inhalation of heated and toxic or oxygen deficient (or both), fire gases. This product is classified as flammable. There is a moderate risk of an explosion from this product if commercial quantities are involved in a fire. Firefighters should take care and appropriate precautions. Any explosion will likely spread the fire to surrounding materials. Water spray may be used to cool drums involved in a fire, reducing the chances of an explosion. Fire decomposition products from this product may be toxic if inhaled. Take appropriate protective measures.

EXTINGUISHING MEDIA:

Water jets (although these may be used to cool adjacent containers).

FIRE FIGHTING:

If a significant quantity of this product is involved in a fire, call the fire brigade. There is a danger of a violent reaction or explosion if significant quantities of this product are involved in a fire. Recommended personal protective equipment is full fire kit and breathing apparatus.

ADVICE FOR FIREFIGHTERS:

Fire decomposition products from this product are likely to be irritating if inhaled. Containers may rupture from gas generation if exposed to fire. Eye protection should be worn. Keep containers cool with water spray. In extreme conditions self-contained breathing apparatus and protective suit should be worn.



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6. ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE:

In the event of a major spill, prevent spillage from entering drains or water courses. Evacuate the spill area and deny entry to unnecessary and unprotected personnel. Immediately call the Fire Brigade. As a minimum, wear overalls, goggles and gloves. Suitable materials for protective clothing include rubber, PVC. Eye/face protective equipment should comprise as a minimum, protective glasses and, preferably, goggles. If there is a significant chance that vapours or mists are likely to build up in the cleanup area, we recommend that you use a respirator. Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned below (section 8). Stop leak if safe to do so, and contain spill. Absorb onto sand, vermiculite or other suitable absorbent material. If spill is too large or if absorbent material is not available, try to create a dike to stop material spreading or going into drains or waterways. Avoid using sawdust or other combustible material. Any electrical equipment should be non-sparking. Any equipment capable of building an electrostatic charge should be electrically grounded. Sweep up and shovel or collect recoverable product into labelled containers for recycling or salvage, and dispose of promptly. Recycle containers wherever possible after careful cleaning. After spills, wash area preventing runoff from entering drains. If a significant quantity of material enters drains, advise emergency services. This material may be suitable for approved landfill. Ensure legality of disposal by consulting regulations prior to disposal. Thoroughly launder protective clothing before storage or re-use. Advise laundry of nature of contamination when sending contaminated clothing to laundry.

7. HANDLING AND STORAGE

HANDLING:

Keep exposure to this product to a minimum, and minimise the quantities kept in work areas. Check Section 8 of this SDS for details of personal protective measures, and make sure that those measures are followed. The measures detailed below under "Storage" should be followed during handling in order to minimise risks to persons using the product in the workplace. Also, avoid contact or contamination of product with incompatible materials listed in Section 10.

STORAGE:

Store in a cool, well ventilated area, and make sure that surrounding electrical devices and switches are suitable. Check containers periodically for leaks. Containers should be kept closed in order to minimise contamination and possible evaporation. Make sure that the product does not come into contact with substances listed under "Incompatibilities" in Section 10. If you keep more than 10000kg or L of Dangerous Goods of Packaging Group III, you may be required to license the premises or notify your Dangerous Goods authority. If you have any doubts, we suggest you contact your Dangerous Goods authority in order to clarify your obligations. Check packaging - there may be further storage instructions on the label..



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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

The following Australian Standards will provide general advice regarding safety clothing and equipment:

Respiratory equipment: **AS/NZS 1715**, Protective Gloves: **AS 2161**, Occupational Protective Clothing: AS/NZS 4501 set 2008, Industrial Eye Protection: **AS1336** and **AS/NZS 1337**, Occupational Protective Footwear: **AS/NZS2210**.

SWA Exposure Limits

TWA (mg/m³)

STEL (mg/m³)

Ethanol

1880

not set

No special equipment is usually needed when occasionally handling small quantities. The following instructions are for bulk handling or where regular exposure in an occupational setting occurs without proper containment systems.

VENTILATION:

No special ventilation requirements are normally necessary for this product. However make sure that the work environment remains clean and that vapours and mists are minimised.

EYE PROTECTION:

Eye protection is not normally necessary when this product is being used. However, if in doubt, wear suitable protective glasses or goggles.

SKIN PROTECTION:

The information at hand indicates that this product is not harmful and that normally no special skin protection is necessary. However, we suggest that you routinely avoid contact with all chemical products and that you wear suitable gloves (preferably elbow-length) when skin contact is likely.

PROTECTIVE MATERIAL
TYPES:

There is no specific recommendation for any particular protective material type.

RESPIRATOR:

Usually, no respirator is necessary when using this product. However, if you have any doubts consult the Australian Standard mentioned above.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Clear, gelled liquid

ODOUR:

Mild odour

BOILING POINT:

Approx 81°C at 100kPa.

MELTING POINT:

No specific data. Liquid at normal temperatures.

VOLATILES:

>95%

VAPOUR PRESSURE:

No data.

VAPOUR DENSITY:

No data.

SPECIFIC GRAVITY:

Approximately 0.9

WATER SOLUBILITY:

Completely soluble.



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9. PHYSICAL AND CHEMICAL PROPERTIES (CONT)

pH:	No data.
VOLATILITY:	No data.
ODOUR THRESHOLD:	No data.
EVAPORATION RATE:	No data.
COEFF OIL/WATER DISTRIBUTION:	No data.
AUTOIGNITION TEMPERATURE:	No data.

10. STABILITY AND REACTIVITY

REACTIVITY:	This product is unlikely to react or decompose under normal storage conditions. However, if you have any doubts, contact the supplier for advice on shelf life properties.
CHEMICAL STABILITY:	Product is stable under normal conditions.
HAZARDOUS REACTIONS:	None known.
CONDITIONS TO AVOID:	This product should be kept in a cool place, preferably below 30°C. Keep containers tightly closed. Keep away from sources of sparks or ignition.
INCOMPATIBLE MATERIALS:	Strong oxidising agents.
FIRE DECOMPOSITION:	Combustion forms carbon dioxide, and if incomplete, carbon monoxide and smoke. Water is also formed. May form nitrogen and its compounds, and under some circumstances, oxides of nitrogen. Occasionally hydrogen cyanide gas in reducing atmospheres. Carbon monoxide poisoning produces headache, weakness, nausea, dizziness, confusion, dimness of vision, disturbance of judgment, and unconsciousness followed by coma and death.
POLYMERISATION:	This product will not undergo polymerisation reactions.

11. TOXICOLOGICAL INFORMATION (CONT)

LOCAL EFFECTS

TARGET ORGANS:	There is no data to hand indicating any particular target organs.
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12. ECOLOGICAL INFORMATION

BIODEGRADABILITY:

This product is biodegradable. It will not accumulate in the soil or water or cause long term problems. Expected to not be an environmental hazard.

13. DISPOSAL CONSIDERATIONS

DISPOSAL:

This product may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by some means. If neither of these options is suitable in-house, contact a specialist waste disposal company.

14. TRANSPORT INFORMATION

ROAD AND RAIL TRANSPORT

Classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail".



UN NO:	1170: Ethanol Solution
DANGEROUS GOODS CLASS:	Class 3 Flammable Liquids
PACKING GROUP:	III
PACKAGING METHOD:	P001, IBC03, LP01
HAZCHEM CODE:	•2Y
PROPER SHIPPING NAME:	Ethanol Solution
SPECIAL PROVISIONS:	144, 223
LIMITED QUANTITIES:	ADG 7 specifies a Limited Quantity value of 5 L for this class of product.

Class 3 Flammable Liquids shall not be loaded in the same vehicle or packed in the same freight container with Classes 1 (Explosives), 2.1 (Flammable Gases where flammable liquids and flammable gases are both in bulk), 2.3 (Toxic Gases), 4.2 (Spontaneously Combustible Substances), 5.1 (Oxidising Agents), 5.2 (Organic Peroxides), 6 (Toxic Substances, except Flammable Liquid is nitromethane), and 7 (Radioactive Substances). They may however be loaded in the same vehicle or packed in the same freight container with classes 2.1 (Flammable Gases except where the Flammable Liquids and Flammable Gases are in bulk), 2.2 (Non-Flammable Non-Toxic gases), 4.1 (Flammable Solids), 4.3 (Dangerous When Wet Substances), 6 (Toxic Substances, where Flammable Liquid is nitromethane), 8 (Corrosive Substances), 9 (Miscellaneous Dangerous Goods), Foodstuffs or foodstuff empties.



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14. TRANSPORT INFORMATION

MARINE TRANSPORT

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.



UN NO:	1170: Ethanol Solution
DANGEROUS GOODS CLASS:	Class 3 Flammable Liquids
PACKING GROUP:	III
PACKAGING METHOD:	P001, IBC03, LP01
HAZCHEM CODE:	•2Y
PROPER SHIPPING NAME:	Ethanol Solution

AIR TRANSPORT

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.



UN NO:	1170: Ethanol Solution
DANGEROUS GOODS CLASS:	Class 3 Flammable Liquids
PACKING GROUP:	III
PACKAGING METHOD:	P001, IBC03, LP01
HAZCHEM CODE:	•2Y
PROPER SHIPPING NAME:	Ethanol Solution

15. REGULATORY INFORMATION

POISON SCHEDULE:	Not scheduled.
MARINE POLLUTANT:	Not a marine pollutant
ENVIRONMENTAL HAZARDS:	Not environmentally hazardous
AUSTRALIAN INVENTORY STATUS:	All components are listed or exempted.



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16. OTHER INFORMATION

CONTACT PERSON/POINT: General Manager 1300 796 009

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions.

If you are an employer it is your duty to tell your employees, and any others that may be affected, of any hazards described in this sheet and of any precautions that should be taken.

Safety Data Sheets are updated frequently. Please ensure you have a current copy.

LITERATURE REFERENCES:

- * NOHSC: 2011 National Code of Practice for the preparation of Material Safety Data Sheets.
- * Safe Work Australia: 2016 Preparation of Safety Data Sheets for Hazardous Chemicals
- * NOHSC: 1008 Approved Criteria for Classifying Hazardous Substances.
- * NOHSC: 10005 List of Designated Hazardous Substances.
- * NOHSC: 1005 Control of Workplace Hazardous Substances, National Code of Practice.
- * NOHSC: 2007 Control of Workplace Hazardous Substances, National Code of Practice.
- * NOHSC: 1003 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, National Exposure Standards.
- * NOHSC: 3008 Exposure Standards for Atmospheric Contaminants in the Occupational Environment, Guidance Note.
- * NOHSC: 1015 Storage and Handling of Workplace Dangerous Goods, National Standard.
- * NOHSC: 2017 Storage and Handling of Workplace Dangerous Goods, National Code of Practice.
- * SUSDP: Standard for the Uniform Scheduling of Drugs and Poisons.
- * ADG: Australian Dangerous Goods Code.
- * MSDS of component materials.

LAST CHANGE: Supersedes document issued: 9 April 2020
Reason/s for revision: Minor editorial adjustments.

MR025050/1

END OF SDS