



SAFETY DATA SHEET

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Issue Date: 24th April 2017
Sugar Dissolving Fluid
Version: 2

Product name: Sugar Dissolving Fluid

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: Hi-Tec Sugar Dissolving Fluid

OTHER NAMES: None

MANUFACTURER'S PRODUCT CODE: HI6-2932-0020

USE: Cleaning agent

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
NON-DANGEROUS GOODS
Hazard classification according to GHS Classification.
Dangerous Goods classification according to Australian Dangerous Goods Code.

SIGNAL WORD (S): None

IRRITANCY OF PRODUCT: Not classified as an irritant.

SENSITISATION OF PRODUCT: Not known to be a sensitiser.

TERATOGENICITY: No teratogenic effects known.





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3. IDENTIFICATION / COMPOSITION OF INGREDIENTS

CHEMICAL CHARACTERISTICS:	Liquid	
INGREDIENTS:-		
CHEMICAL ENTITY:	CAS No.	PROPORTION
Blend of white oil and additives		100%

4. FIRST AID MEASURES

HEALTH EFFECTS

SWALLOWED:	If a large quantity is ingested seek immediate medical attention. Give water to drink. Never give anything by mouth to an unconscious person. DO NOT induce vomiting. If vomiting occurs get immediate medical attention due to aspiration into lungs risk.
EYE:	If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. If symptoms develop and persist seek medical attention.
SKIN:	Wash affected area thoroughly with soap and water. If symptoms develop seek medical attention.
INHALED:	If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.
FIRST AID FACILITIES:	Normal washroom facilities are generally suitable. Ensure an eye wash station and safety shower is available and ready for use.
ADVICE TO DOCTOR:	Treat symptomatically.
OTHER INFORMATION:	Keep water and mild soap near work site.

5. FIRE FIGHTING MEASURES

FIRE/EXPLOSION HAZARD

HAZARDS FROM COMBUSTION PRODUCTS:	Combustion products may include: oxides of carbon, nitrogen, ammonia and a complex mixture of airborne unidentified organic and inorganic solid and liquid particulates.
FIRE-FIGHTING RECOMMENDATIONS:	If safe to so, remove containers from path of fire. Keep storage tanks, pipelines, containers, fire exposed surfaces, etc. cool with water spray. Avoid spreading liquid and fire by water flooding.





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5. FIRE FIGHTING MEASURES (CONT)

PRECAUTION:	Use protective equipment. Mark out the contaminated area.
SUITABLE EXTINGUISHING MEDIA:	Use carbon dioxide, dry chemical, water mist or foam
SPECIFIC HAZARD:	Combustible liquid. This product will readily burn under fire conditions.
PROTECTIVE MEASURES:	Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.
UNSUITABLE EXTINGUISHING MEDIA:	Do not use water jet.

6. ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURE:	Wear appropriate personal protective equipment and clothing to prevent exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Spillage may be slippery. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water authorities and EPA in accordance with local regulations.
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7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:	Use only in a well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Avoid inhalation of vapours and mists, and skin or eye contact. Do not use near ignition sources. Do not pressurise, cut, heat or weld containers as they may contain hazardous residues. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.
SAFE STORAGE CONDITIONS:	Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all applicable local and national regulations.



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7. HANDLING AND STORAGE (CONT.)

STORAGE TEMPERATURES:	Store between 0-40°C.
STORAGE REGULATIONS:	Classified as a Class C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS1940. This product should be stored and used in a well-ventilated area away from naked flames, sparks and other sources of ignition.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

NATIONAL EXPOSURE STANDARDS:	<p>No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC) or the Occupational Safety and Health Service (OSH) of the New Zealand Department of Labour. However, exposure standard for oil mist is listed below.</p> <p>National Occupational Health And Safety Commission (NOHSC), Australia Exposure Standards: Oil mist, mineral, TWA 5 mg/m³</p> <p>New Zealand Occupational Safety and Health Service (OSH) Workplace Exposure Standards: Oil mist, mineral, TWA 5 mg/m³ STEL 10 mg/m³</p> <p>TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.</p> <p>STEL (Short Term Exposure Limit): The average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight-hour workday.</p>
BIOLOGICAL LIMIT VALUES:	No biological limit allocated.
ENGINEERING CONTROLS:	Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required.
RESPIRATORY PROTECTION:	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist/particulate filter should be used. Reference should be made to Australian/New Zealand Standards AS/NZS 1715, Selection, Use and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.
EYE PROTECTION:	Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.





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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

HAND PROTECTION:	Wear gloves of impervious material, such as PVC, nitrile and neoprene. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
FOOTWEAR:	Enclosed footwear.
BODY PROTECTION:	Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled.
HYGIENE MEASURES:	Always wash hands before eating, drinking, smoking or using the toilet. If contamination occurs, change clothing. Launder contaminated clothing before reuse. Discard internally contaminated gloves.
SPECIAL PROTECTIVE MEASURES:	The product will not burn but the residue may if preheated to dryness. Isolate from sources of heat, naked flames or sparks.

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM:	Liquid
APPEARANCE:	Light yellow liquid.
ODOUR:	Characteristic
MELTING POINT:	Not available
BOILING POINT:	>280°C
DENSITY @ 15°C (g/cm ³):	0.865
FLASHPOINT (ASTM D-93), Closed Cup:	Approx. 216 °C
FLAMMABILITY LIMITS -LOWER:	1% (vol.)
FLAMMABILITY LIMITS -UPPER:	10% (vol.)
FLAMMABILITY:	Combustible (Australia: Class C2)
SOLUBILITY IN WATER:	Insoluble
VAPOUR PRESSURE:	<0.5 Pa @40C





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9. PHYSICAL AND CHEMICAL PROPERTIES

VAPOUR DENSITY (Air = 1):	Not available
VISCOSITY @ 40 °C (mm ² /s):	33
pH (10% w/w solution)	Not applicable
EVAPORATION RATE:	Not available
AUTO-IGNITION TEMPERATURE:	>320 °C
EXPLOSION PROPERTIES:	Not considered an explosion risk under normal conditions of use.
OTHER INFORMATION:	Flowing Point <-12 °C (DIN/ISO 3016)

10. STABILITY AND REACTIVITY

CHEMICAL STABILITY:	Stable under normal conditions of use.
CONDITIONS TO AVOID:	Extremes of temperature and sources of ignition.
INCOMPATIBLE MATERIALS:	Oxidising agents.
HAZARDOUS DECOMPOSITION gases PRODUCTS:	Under fire conditions this product may emit toxic and/or irritating fumes, smoke and including carbon monoxide and carbon dioxide.
HAZARDOUS REACTIONS:	Will react with incompatibles.
HAZARDOUS POLYMERISATION:	Will not occur.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGY INFORMATION:	No toxicity data available for this material.
INGESTION:	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
INHALATION:	Inhalation of mists or aerosols of the product may produce respiratory irritation.
SKIN:	May be irritating to skin. The symptoms may include redness, itching and swelling.
EYE:	May be irritating to eyes. The symptoms may include redness, itching and tearing
CHRONIC EFFECTS	Frequent persistent contact with the skin can cause skin irritation.





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11. TOXICOLOGICAL INFORMATION (CONT)

MUTAGENICITY: The product is not a known for reproductive toxicity.
CARCINOGENICITY: The product is not a known carcinogen.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: Not available.
PERSISTENCE / DEGRADABILITY: Not available.
MOBILITY: Not available.
ENVIRONMENT PROTECTION: Do not allow product to enter drains, waterways or sewers.

13. DISPOSAL CONSIDERATIONS

DISPOSAL CONSIDERATIONS: Dispose of waste according to applicable local and national regulations.

14. TRANSPORT INFORMATION

ROAD & RAIL TRANSPORT:
ADG REQUIREMENT Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

MARITIME TRANSPORT:
IMO/IMDG REQUIREMENT Not classified as a Dangerous Good according to the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

AIR TRANSPORT:
ICAO/IATA REQUIREMENT Not classified as a Dangerous Good according to the criteria of the International Maritime Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

15. REGULATORY INFORMATION

POISON SCHEDULE: Not scheduled.
PACKING & LABELLING: No special packaging or labelling requirements.
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.

Material 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.
- * 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: 26th August 2013

Reason/s for revision: Minor editorial changes to comply with GHS requirements.

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END OF SDS

