



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

5 Tarlington Place Smithfield NSW 2164

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SAFETY DATA SHEET

Page 1 of 12

Issue Date: 16 June 2022

Biocut 3755 Soluble Cutting Fluid

Version: 7

Product name: Biocut 3755 Soluble Cutting 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: Biocut 3755 Soluble Cutting Fluid

OTHER NAMES: None

MANUFACTURER'S PRODUCT CODE: HI6-1900

USE: Biodegradable metal forming fluid

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

STATEMENT OF HAZARDOUS NATURE: HAZARDOUS SUBSTANCE
NON-DANGEROUS GOODS
Hazard classification according to criteria of NOHSC and GHS.
Dangerous goods classification according to the Australian Dangerous Goods.

POISON SCHEDULE: S6

GHS LABEL ELEMENTS:



SIGNAL WORD: WARNING



AUSTRALIAN FAMILY OWNED SINCE 1989





SAFETY DATA SHEET

2. HAZARDS IDENTIFICATION (CONT)

GHS HAZARD CLASSIFICATIONS

SKIN CORROSION / IRRITATION:	Category 3
SERIOUS EYE DAMAGE / EYE IRRITANT:	Category 2A
SKIN SENSITISATION:	Category 1B
AQUATIC ENVIRONMENT ACUTE:	Category 3

HAZARD STATEMENTS:	H316: Causes mild skin irritation H317: May cause an allergic skin reaction H319: Causes serious eye irritation H402: Harmful to aquatic life
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PREVENTION STATEMENTS:	P272: Wash hands thoroughly after handling. P273: Avoid release to the environment. P280: Contaminated work clothing should not be allowed out of the workplace. P273: Avoid release to the environment. P280: Wear protective gloves and eye/face protection.
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RESPONSE STATEMENTS:	P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+313: If eye irritation persists: Get medical advice/attention. P302+353: IF ON SKIN: Wash with plenty of soap and water. P333+313: If skin irritation or rash occurs: Get medical advice/attention. P363: Wash contaminated clothing before re-use. P321: Specific treatment (see supplemental first aid instructions on the label).
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DISPOSAL STATEMENT:	P501: Dispose of contents/container to an approved waste disposal plant.
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OTHER HAZARDS:	Not applicable
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3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERISTICS:	Liquid
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INGREDIENTS:-

CHEMICAL ENTITY	CAS NO	PROPORTION
Sulfonic acids, petroleum, sodium salts	68608-26-4	1 - < 5 %
Fatty acids, tall oil, compounds with ethanolamine	68132-47-8	1 - < 3%
13-Docosenoic acid, (Z)-, compd. With 2-aminiethanol (1:1)	84099-98-9	1 - < 2.5%
Rosin, colophony	8050-09-7	1 - < 2.5%
Poly(oxy-1,2-ethanediyl), a-(carboxymethyl)-w-[9Z]-9-octadecene-1-yloxy]	57635-88-0	1 - < 1.5%
Alcohols, C12-15, ethoxylated	68131-39-5	< 1%
Sodium Pyrithione	3811-73-2	< 0.25%
Ingredients determined to be non-hazardous		To 100%



SAFETY DATA SHEET

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 11 26 from anywhere in Australia (0800 764 766 in New Zealand) and is available at all times. Have this SDS with you when you call.

SYMPTOMS AND SIGNS OF POISONING:

Itching. Rashes. Hives. Prolonged contact may cause redness and irritation. INHALATION: Remove to fresh air.

SKIN CONTACT:

Wash immediately with plenty of soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a doctor. Get medical attention if irritation develops and persists.

EYE CONTACT:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Keep eye wide open while rinsing. Do not rub affected area. Get medical attention if irritation develops and persists.

INGESTION:

Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Call a doctor

FIRST AIDER:

Avoid contact with skin, eyes or clothing. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8). Use personal protective equipment as required.

NOTES TO PHYSICIAN:

May cause sensitisation in susceptible persons.
Treat symptomatically.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

UNSUITABLE EXTINGUISHING MEDIA:

Do not use water jet.

SPECIFIC HAZARDS ARISING:

May be ignited by heat, sparks or flames. Thermal decomposition can lead to release of irritating and toxic gases and vapours. In case of fire and/or explosion do not breathe fumes. The product causes irritation of eyes, skin and mucous membranes. May cause sensitization by inhalation and skin contact. Product is or contains a sensitizer. May cause sensitization by skin contact.

FIRE FIGHTING:

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.



SAFETY DATA SHEET

Page 4 of 12

Issue Date: 16 June 2022

Biocut 3755 Soluble Cutting Fluid

Version: 7

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Attention! Corrosive material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.
METHODS OF CONTAINMENT:	Prevent further leakage or spillage if safe to do so.
METHODS OF CLEANING UP:	Take up mechanically, placing in appropriate containers for disposal.
ENVIRONMENTAL PRECAUTIONS:	Avoid release to the environment.
REFERENCES TO OTHER SECTIONS:	See Sections 7, 8 and 13 for additional information.

7. HANDLING AND STORAGE

GENERAL HYGIENE:	Wash hands thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Avoid release to the environment. Wear protective gloves and eye/face protection.
SAFE HANDLING:	Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before re-use.
SAFE STORAGE:	Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from moisture. Store locked up. Keep out of the reach of children. Store away from other materials.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS - LIMITS

Chemical Name	CAS No.	Australia
Rosin, colophony	8050-09-7	0.1 mg/m ³ formaldehyde (TWA)

TWA - The time-weighted average airborne concentration over an eight -hour working day, for a five-day working week over an entire working life.

ENGINEERING CONTROLS:	Minimise exposure by partial enclosure of the operation or equipment and provide extract ventilation at openings.
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SAFETY DATA SHEET

Page 5 of 12

Issue Date: 16 June 2022

Biocut 3755 Soluble Cutting Fluid

Version: 7

8. EXPOSURE CONTROLS / PERSONAL PROTECTION (CONT)

RESPIRATORY PROTECTION:

Where exposures exceed the established exposure limit, use respiratory protection recommended for the material and level of exposure. Where exposures are below the established exposure limit, no respiratory protection is required.

Where respiratory protection is required, use a respirator selected and in accordance with AS/NZS 1715 and AS/NZS 1716.

EYE/FACE PROTECTION:

Tight sealing safety goggles. Face protection shield.

SKIN & BODY PROTECTION:

Wear suitable protective clothing. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Wear chemical resistant clothing such as gloves, apron, boots or whole bodysuits made from neoprene, as appropriate. Rubber boots, Gloves made of plastic or rubber.

HAND PROTECTION:

Wear protective gloves. Barrier creams may help to protect the exposed areas of the skin, they should however not be applied once exposure has occurred. Replace gloves immediately when torn or any change in appearance (dimension, colour, flexibility etc) is noticed.

ADDITIONAL ADVICE:

When using do not eat, drink or smoke. Wash contaminated clothing before reuse. Keep away from food, drink and animal feeding stuffs. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash it before reuse. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL:

Liquid

APPEARANCE:

Clear

COLOUR:

Amber

ODOUR:

Not available

ODOUR THRESHOLD:

Not available

pH:

10.2-11.2

BOILING POINT/RANGE (°C):

100°C (based on components)

MELTING POINT/FREEZING POINT (°C):

Not available

FLASH POINT (°C):

Not relevant





SAFETY DATA SHEET

9. PHYSICAL AND CHEMICAL PROPERTIES (CONT)

EVAPORATION RATE:	Not available
FLAMMABILITY (SOLID, GAS):	Not available
FLAMMABILITY LIMIT (UPPER):	Not available
FLAMMABILITY LIMIT (LOWER):	Not available
VAPOUR PRESSURE:	Not available
VAPOUR DENSITY:	Not available
RELATIVE DENSITY:	0.98 @ 25°C
SOLUBILITY (WATER):	Dispersible
SOLUBILITY (IES)	Not available
PARTITION COEFFICIENT:	Not available
AUTO-IGNITION TEMPERATURE (°C):	Not available
DECOMPOSITION TEMPERATURE:	Not available
KINEMATIC VISCOSITY:	177 cSt
DYNAMIC VISCOSITY:	175 cSt
OXIDISING PROPERTIES:	Not available
EXPLOSIVE PROPERTIES:	Not available
VOC CONTENT (%)	Not available
DENSITY:	*Not available

* This information may be derived from the components in the preparation.



SAFETY DATA SHEET

10. STABILITY AND REACTIVITY

REACTIVITY:	No information available.
CHEMICAL STABILITY:	Stable.
CONDITIONS TO AVOID:	Exposure to air or moisture over prolonged periods.
INCOMPATIBLE MATERIALS:	Strong acids. Strong bases. Strong oxidising agents.
HAZARDOUS DECOMPOSITION PRODUCTS:	Thermal decomposition can lead to release of irritating and toxic gases and vapours.
POLYMERIZATION:	None under normal processing.

11. TOXICOLOGICAL INFORMATION

LIKELY ROUTES OF EXPOSURE: Skin, eyes, oral.

HEALTH HAZARD INFORMATION

ACUTE TOXICITY – ORAL:	Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.
ACUTE TOXICITY – DERMAL:	Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.
ACUTE TOXICITY – INHALATION:	Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.
SKIN CORROSION/IRRITATION:	Causes mild skin irritation.
SERIOUS EYE DAMAGE/IRRITATION:	Causes serious eye irritation.
RESPIRATORY SENSITISATION:	Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.
SKIN SENSITISATION:	May cause an allergic skin reaction.
CARCINOGENICITY:	Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.
GERM CELL MUTAGENICITY:	Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.
REPRODUCTIVE:	Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.



SAFETY DATA SHEET

11. TOXICOLOGICAL INFORMATION (CONT)

STOT – SINGLE / REPEATED EXPOSURE: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

ASPIRATION: Not Classified - Based on available data and/or professional judgment, the classification criteria are not met.

PRODUCT TOXICITY INFORMATION

ACUTE TOXICITY DATA

oral	rat	Acute LD50	> 2000 mg/kg
dermal	rabbit	Acute LD50	> 2000 mg/kg
inhalation	rat	Acute LC50 4 hr	> 5 mg/l (Dust/Mist)

LOCAL EFFECTS ON SKIN AND EYE

Acute Irritation	Skin	Mild
Acute Irritation	Eye	Irritating

ALLERGIC SENSITIZATION

Sensitization	Skin	Sensitizing
Sensitization	Respiratory	No data

GENOTOXICITY

Assays for Gene Mutations: Ames Salmonella Assay - No data

CHRONIC TOXICITY:

Chronic exposure to corrosive fumes/gases may cause erosion of the teeth followed by jaw necrosis. Bronchial irritation with chronic cough and frequent attacks of pneumonia are common. Gastrointestinal disturbances may also be seen. Avoid repeated exposure. Possible risk of irreversible effects. Repeated contact may cause allergic reactions in very susceptible persons.

OTHER INFORMATION:

The product toxicity information above has been estimated.

HAZARDOUS INGREDIENT TOXICITY DATA

SODIUM PETROLEUM SULFONATE:

has an acute oral (rat) LD50 of 10.6 g/kg. Direct contact with this material may cause moderate eye and no skin irritation.

ROSIN:

has an acute oral LD50 (rat) of > 2000 mg/kg. Direct contact with this material may cause mild eye and skin irritation. Prolonged or repeated exposure may produce allergic skin reactions.



SAFETY DATA SHEET

11. TOXICOLOGICAL INFORMATION (CONT)

SODIUM PYRITHIONE:

Acute oral toxicity data studies indicate that sodium Pyrithione meets the criteria for classification as harmful by the oral route (LD50 = 965 mg/kg). The LD50 value derived from an acute dermal study with rabbits is 720 mg/kg. The 4h inhalation LC50 value (aerosol) with rats was 1.08 mg/L. Skin and eye irritation has been observed in rabbit studies.

Based upon studies in animals and in humans, allergic reactions upon dermal exposure are not expected. After repeated exposure via oral, dermal or inhalation route lead to clinical signs for high doses only. Life time studies have not shown the development of tumours. Based on several negative mutagenicity and genotoxicity studies in in vitro and in vivo test systems, sodium pyrithione is not considered genotoxic. No evidence of teratogenic effects were seen and fertility was not affected at doses not causing general systemic effects.

INVENTORY MULTI-TIERED ASSESSMENT AND PRIORITIZATION (IMAP):

This product contains one or more Stage One Chemical(s).

Component / CAS No.

Sulphonic acid, petroleum, sodium salts 68608-26-4

Rosin; colophony 8050-09-7

Alcohols, C12-15, ethoxylated 68131-39-5

Stage One Chemicals

Tier I Final (Human Health);Remaining Priority (Environment)
NICNAS holds data

Tier II Final (Human Health);Remaining Priority (Environment)
NICNAS holds data

Tier II Final (Human Health);Remaining Priority (Environment)
NICNAS holds data

12. ECOLOGICAL INFORMATION

OVERALL ENVIRONMENTAL TOXICITY

Harmful to aquatic life

The ecological assessment for this material is based on an evaluation of its components

ECOTOXICITY

Not available.

PERSISTENCE AND DEGRADABILITY:

Not available.

BIOACCUMULATIVE POTENTIAL:

Not available.

MOBILITY IN SOIL:

Not available.

HAZARD TO THE OZONE LAYER:

Not available.

OTHER ADVERSE EFFECTS:

No information available.



SAFETY DATA SHEET

12. ECOLOGICAL INFORMATION (CONT)

HAZARDOUS INGREDIENT TOXICITY DATA

Component /CAS NO

Sulfonic acids, petroleum, sodium salts (68608-26-4)
Fatty acids, tall oil, compounds with ethanolamine (68132-47-8)
13-Docosenoic acid, (Z)-, compd. With 2-aminiethanol (1:1)(84099-98-9)
Rosin, colophony (8050-09-7)
Poly(oxy-1,2-ethanediyl), a-(carboxymethyl)-w-
[(9Z)-9-octadecene-1-ylox]y (57635-88-0)
Alcohols, C12-15, ethoxylated (68131-39-5)
Sodium Pyrithione (3811-73-2)

Toxicity to Fish

Not available
Not available
Not available
Not available
Not available
Not available
LC50 = 0.0066 – 1.3mg/l – Onchorynchus mykiss (96hrs)

Component /CAS NO

Sulfonic acids, petroleum, sodium salts (68608-26-4)
Fatty acids, tall oil, compounds with ethanolamine (68132-47-8)
13-Docosenoic acid, (Z)-, compd. With 2-aminiethanol (1:1)(84099-98-9)
Rosin, colophony (8050-09-7)
Poly(oxy-1,2-ethanediyl), a-(carboxymethyl)-w-
[(9Z)-9-octadecene-1-ylox]y (57635-88-0)
Alcohols, C12-15, ethoxylated (68131-39-5)
Sodium Pyrithione (3811-73-2)

Toxicity to Water Flea

Not available
Not available
Not available
EC50 = 3.8 – 5.4 mg/l – Daphnia magna (48hrs)
Not available
Not available
EC50 = 0.022 – 0.15 mg/l – Daphnia magna (48hrs)

Component /CAS NO

Sulfonic acids, petroleum, sodium salts (68608-26-4)
Fatty acids, tall oil, compounds with ethanolamine (68132-47-8)
13-Docosenoic acid, (Z)-, compd. With 2-aminiethanol (1:1)(84099-98-9)
Rosin, colophony (8050-09-7)
Poly(oxy-1,2-ethanediyl), a-(carboxymethyl)-w-
[(9Z)-9-octadecene-1-ylox]y (57635-88-0)
Alcohols, C12-15, ethoxylated (68131-39-5)
Sodium Pyrithione (3811-73-2)

Toxicity to Algae

Not available
Not available
Not available
EC50 = 400 mg/l – Desmodesmus subspicatus (72hrs)
Not available
Not available
EC50 = 0.46 mg/l – Selenastrum capricornutum (72hrs)
NOEC = 0.08 mg/l – Selenastrum capricornutum (72hrs)

Component /CAS NO

Sulfonic acids, petroleum, sodium salts (68608-26-4)
Fatty acids, tall oil, compounds with ethanolamine (68132-47-8)
13-Docosenoic acid, (Z)-, compd. With 2-aminiethanol (1:1)(84099-98-9)
Rosin, colophony (8050-09-7)
Poly(oxy-1,2-ethanediyl), a-(carboxymethyl)-w-
[(9Z)-9-octadecene-1-ylox]y (57635-88-0)
Alcohols, C12-15, ethoxylated (68131-39-5)
Sodium Pyrithione (3811-73-2)

Partition coefficient

Not available
Not available
Not available
Not available
Not available
Not available
log Kow = 2.1



SAFETY DATA SHEET

Page 11 of 12

Issue Date: 16 June 2022

Biocut 3755 Soluble Cutting Fluid

Version: 7

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS:	The company encourages the recycle and reuse of products and packaging, where possible and permitted.
PRODUCT DISPOSAL:	When recycle or reuse is not possible, the company recommends that our products, especially when classified as hazardous, be disposed of at approved facilities. All local and national regulations should be followed.
PACKAGING DISPOSAL:	Handle contaminated packages in the same way as the product itself. Disposal of emptied and cleaned packaging must be made in accordance with applicable local and national regulations.
DISPOSAL-RELEVANT INFORMATION:	Do not release directly or indirectly to surface water, ground water, soil or public sewage system.

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:	S6
PACKING & LABELLING:	No special packaging or labelling requirements.
AUSTRALIAN INVENTORY STATUS:	All components are listed or exempted.



SAFETY DATA SHEET

Page 12 of 12

Issue Date: 16 June 2022

Biocut 3755 Soluble Cutting Fluid

Version: 7

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: 10 January 2022

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

MR226061/1

END OF SDS

