



SAFETY DATA SHEET

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Issue Date: 2 December 2021
Nevermelt Grease
Version: 4

Product name: Nevermelt Grease

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: Nevermelt Grease

OTHER NAMES: None

MANUFACTURER'S PRODUCT CODE: HI7-1008

USE: Clay thickened multipurpose high temperature grease.

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.

OTHER INFORMATION: Used greases may contain harmful impurities that have accumulated during use. The concentration of such impurities will depend on use and they may present risks to health and environment on disposal. All used oils should be handled with caution and skin contact avoided as far as possible.



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3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERISTICS: Grease

INGREDIENTS:-

CHEMICAL ENTITY	CAS NO	PROPORTION
Residual Oils (petroleum), hydrotreated	64742-57-0	70-100%
Ingredients determined to be non-hazardous	-	To 100%

4. FIRST AID MEASURES

GENERAL INFORMATION: You should call the Poisons Information Centre on 13 11 26 from anywhere in Australia (0800 764 766 in New Zealand) if you feel that you may have been poisoned, burned or irritated by this product. Have this SDS with you when you call.

INHALATION: No specific recommendations. If throat irritation or coughing persists, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt. Get medical attention if any discomfort continues.

INGESTION: No specific recommendations. If throat irritation or coughing persists, proceed as follows. Rinse mouth. Get medical attention if any discomfort continues.

SKIN CONTACT: No specific recommendations. Rinse with water. Get medical attention if any discomfort continues.

EYE CONTACT: Remove any contact lenses and open eyelids wide apart. Rinse with water. Get medical attention if any discomfort continues.

FIRST AIDERS: Use protective equipment appropriate for surrounding materials.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

GENERAL INFORMATION: The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

INHALATION: No specific symptoms known.

INGESTION: No specific symptoms known. May cause discomfort if swallowed.

SKIN CONTACT: Prolonged contact may cause dryness of the skin.

EYE CONTACT: No specific symptoms known. May be slightly irritating to eyes.



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4. FIRST AID MEASURES (CONT)

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

NOTES TO PHYSICIAN: Treat symptomatically.

SPECIAL TREATMENTS: No special treatment required.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA: The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

UNSUITABLE EXTINGUISHING MEDIA: Do not use water jet as an extinguisher, as this will spread the fire.

SPECIFIC HAZARDS: None known.

HAZARDOUS COMBUSTION PRODUCTS: Thermal decomposition or combustion products may include the following substances:
Harmful gases or vapours. Carbon dioxide (CO₂). Carbon monoxide (CO). Oxides of sulphur.

ADVICE FOR FIREFIGHTERS

PROTECTIVE ACTIONS: Avoid breathing fire gases or vapours. Evacuate area. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out.

SPECIAL PROTECTIVE EQUIPMENT: Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: No specific recommendations. For personal protection, see Section 8.

ENVIRONMENTAL PRECAUTIONS: Avoid discharge into drains or watercourses or onto the ground.

METHODS FOR CONTAINMENT
broom & CLEANING UP: Reuse or recycle products wherever possible. Collect spillage with a shovel and or similar and reuse if possible. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dispose of contents/container in accordance with national regulations.

REFERENCE TO OTHER SECTIONS: For personal protection, see Section 8. For waste disposal, see Section 13.



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7. HANDLING AND STORAGE

ADVICE ON GENERAL OCCUPATIONAL HYGIENE:

Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Keep container tightly closed when not in use.

HYGIENE MEASURES:

Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.

STORAGE PRECAUTIONS:

Store away from incompatible materials (see Section 10). No specific recommendations.

STORAGE CLASS:

Unspecified storage.

SPECIFIC END USES:

The identified uses for this product are detailed in Section 1.2

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

Short-term exposure limit (15-minute): WEL, ACGIH 5 mg/m³ mist

WEL = Workplace Exposure Limit

ACGIH = American Conference of Governmental Industrial Hygienists

EXPOSURE CONTROLS

ENGINEERING CONTROLS:

No specific ventilation requirements.

EYE/FACE PROTECTION:

No specific eye protection required during normal use. Large Spillages: Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

HAND PROTECTION:

No specific hand protection recommended. Large Spillages: Wear protective gloves.

SKIN/BODY PROTECTION:

Wear appropriate clothing to prevent repeated or prolonged skin contact.

HYGIENE MEASURES:

Wash after use and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.

RESPIRATORY PROTECTION:

No specific recommendations. Provide adequate ventilation. Large Spillages: If ventilation is inadequate, suitable respiratory protection must be worn.

ENVIRONMENTAL EXPOSURE CONTROLS:

Not regarded as dangerous for the environment.





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9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Grease
COLOUR:	Brown
ODOUR:	Almost odourless
ODOUR THRESHOLD:	No information available
pH:	Not applicable
MELTING POINT:	Rechnical impossibility to obtain the data.
INITIAL BOILING POINT AND RANGE:	No information available
FLASH POINT:	>200°C Pensky-Martens closed cup. Information given is applicable to the major ingredient
EVAPORATION RATE:	No information available
EVAPORATION FACTOR:	No information available
FLAMMABILITY (SOLID, GAS):	No information available
UPPER / LOWER FLAMMABILITY OR EXPLOSIVE LIMITS:	No information available
OTHER FLAMMABILITY:	No information available
VAPOUR PRESSURE:	No information available
VAPOUR DENSITY:	No information available
RELATIVE DENSITY:	0.89 @ 25°C
BULK DENSITY:	No information available
SOLUBILITY(IES):	Insoluble in water.
PARTITION COEFFICIENT:	No information available
AUTO-IGNITION TEMPERATURE:	No information available
VISCOSITY:	460 cSt @ 40°C. Information given is applicable to the major ingredient
EXPLOSIVE PROPERTIES:	Not considered to be explosive
EXPLOSIVE UNDER THE INFLUENCE OF A FLAME:	Not considered to be explosive



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9. PHYSICAL AND CHEMICAL PROPERTIES (CONT)

OXIDISING PROPERTIES: Not applicable

10. STABILITY AND REACTIVITY

REACTIVITY: No test data specifically related to reactivity available for this product or its ingredients.

CHEMICAL STABILITY: Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.

HAZARDOUS REACTIONS: Under normal conditions of storage and use, no hazardous will occur.

CONDITIONS TO AVOID: Avoid excessive heat for prolonged periods of time.

INCOMPATIBLE MATERIALS: Avoid contact with the following materials: Strong oxidising agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours. Carbon dioxide (CO₂). Carbon monoxide (CO).

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL EFFECTS: Not regarded as a health hazard under current legislation.

ACUTE TOXICITY - ORAL

Notes (oral LD₅₀): Based on available data the classification criteria are not met.

ACUTE TOXICITY - DERMAL

Notes (dermal LD₅₀): Based on available data the classification criteria are not met.

ACUTE TOXICITY - INHALATION

Notes (inhalation LC₅₀): Based on available data the classification criteria are not met.

SKIN CORROSION/IRRITATION

Animal data: Based on available data the classification criteria are not met.

SERIOUS EYE DAMAGE/IRRITATION

Serious eye damage/irritation: Based on available data the classification criteria are not met.

RESPIRATORY SENSITISATION

Respiratory sensitisation: Based on available data the classification criteria are not met.

SKIN SENSITISATION

Skin sensitisation: Based on available data the classification criteria are not met.



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11. TOXICOLOGICAL INFORMATION (CONT)

GERM CELL MUTAGENICITY

Genotoxicity - in vitro:

Based on available data the classification criteria are not met.

CARCINOGENICITY

Carcinogenicity:

Based on available data the classification criteria are not met.

IARC carcinogenicity:

None of the ingredients are listed or exempted.

REPRODUCTIVE TOXICITY

Reproductive toxicity – fertility:

Based on available data the classification criteria are not met.

Reproductive toxicity – development:

Based on available data the classification criteria are not met.

SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE

STOT - single exposure

Not classified as a specific target organ toxicant after a single exposure.

SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE

STOT - repeated exposure

Not classified as a specific target organ toxicant after repeated exposure.

ASPIRATION HAZARD

Aspiration hazard:

Not relevant. Solid.

GENERAL INFORMATION:

No specific health hazards known. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

INHALATION:

No specific symptoms known.

INGESTION:

No specific symptoms known. May cause discomfort if swallowed.

SKIN CONTACT:

Prolonged contact may cause dryness of the skin.

EYE CONTACT:

No specific symptoms known. May be slightly irritating to eyes.

ROUTE OF ENTRY:

Ingestion, Inhalation, Skin and/or eye contact

TARGET ORGANS:

No specific target organs known.

TOXICOLOGICAL INFORMATION ON INGREDIENTS

Residual oils (petroleum), hydrotreated

ACUTE TOXICITY - ORAL

Notes (oral LD₅₀):

OECD 401 > 5000 mg/kg, Oral, Rat.

ACUTE TOXICITY - DERMAL

Notes (dermal LD₅₀):

OECD 402 > 2000 mg/kg, Dermal, Rabbit.



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11. TOXICOLOGICAL INFORMATION (CONT)

ACUTE TOXICITY - INHALATION

Notes (dermal LC₅₀):

OECD 403 > 5000 mg/m³, 4 hours, Dust/Mist, Rat.
Read-across data.

SKIN CORROSION/IRRITATION

Skin corrosion/irritation:

Based on available data the classification criteria are not met.

SERIOUS EYE DAMAGE/IRRITATION

Serious eye damage/irritation:

Based on available data the classification criteria are not met.

RESPIRATORY SENSITISATION

Respiratory sensitisation:

Based on available data the classification criteria are not met.

SKIN SENSITISATION

Skin sensitisation:

Based on available data the classification criteria are not met.

GERM CELL MUTAGENICITY

Genotoxicity - in vitro:

Based on available data the classification criteria are not met.

Genotoxicity - in vivo:

Based on available data the classification criteria are not met.

CARCINOGENICITY

Carcinogenicity:

Based on available data the classification criteria are not met.

REPRODUCTIVE TOXICITY

Reproductive toxicity – fertility:

Based on available data the classification criteria are not met.

Reproductive toxicity – development:

Based on available data the classification criteria are not met.

ASPIRATION HAZARD

Aspiration hazard:

Not available.

GENERAL INFORMATION:

Base oil severely refined: Not carcinogenic in animal studies. Representative material passes IP-346, Modified Ames test, and/or other screening tests.

12. ECOLOGICAL INFORMATION

ECOTOXICITY:

Not regarded as dangerous for the environment. However, large or frequent spills may have hazardous effects on the environment.

TOXICITY:

Based on available data the classification criteria are not met.

ECOLOGICAL INFORMATION ON INGREDIENTS:





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12. ECOLOGICAL INFORMATION (CONT)

ACUTE AQUATIC TOXICITY:

Acute Toxicity – Fish
Acute Toxicity – Aquatic Invertebrates
Acute Toxicity – Aquatic Plants

Residual oils (petroleum), hydrotreated

LC₅₀, 96 hours: >100 mg/l, Pimephales promelas (Fat-head Minnow)
EC₅₀, 48 hours: >1000 mg/l, Daphnia magna
EC₅₀, 72 hours: >100 mg/l, Pseudokirchneriella subcapitata

PERSISTENCE AND DEGRADABILITY:

Persistence and degradability

The degradability of the product is not known.

Residual oils (petroleum), hydrotreated

Biodegradation

Water – Degradation < 60%: 28 days

BIOACCUMULATIVE POTENTIAL:

No data available on bioaccumulation.

PARTITION COEFFICIENT:

No information available

ECOLOGICAL INFORMATION ON INGREDIENTS:

Residual oils (petroleum), hydrotreated

Bioaccumulative potential

Potentially bioaccumulating

MOBILITY IN SOIL:

Mobility:

No data available.

ECOLOGICAL INFORMATION ON INGREDIENTS:

Residual oils (petroleum), hydrotreated

Mobility:

The product is immiscible with water and will sediment in water systems.

RESULTS OF PBT & vPvB ASSESSMENT

ECOLOGICAL INFORMATION ON INGREDIENTS:

Residual oils (petroleum), hydrotreated

Results of PBT and vPvB assessment:

This product does not contain any substances that are classified as PBT or vPvB.

OTHER ADVERSE EFFECTS:

None known.



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13. DISPOSAL CONSIDERATIONS

GENERAL INFORMATION:

The generation of waste should be minimised or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way.

DISPOSAL METHODS:

Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste packaging should be collected for reuse or recycling. Incineration or landfill should only be considered when recycling is not feasible. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of the local water authority.

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.

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.
- * Safework Australia: 2016 Code of Practice for the Preparation of Safety Data Sheets for Hazardous Substances.
- * 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: 19 May 2017

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

MR122120/1

END OF SDS



AUSTRALIAN FAMILY OWNED SINCE 1989

