



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

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www.hi-tecoils.com.au

PRODUCT DATA SHEET

VXP-2 GREASE

PRODUCT DESCRIPTION

VXP-2 is a superior, state-of-the-art, lithium complex **Extra Heavy Duty** grease.

It is a high temperature, high extreme pressure (EP) grease designed to meet the demands of the most severe and hostile industrial and off-highway automotive applications and conditions.

VXP-2 formulation includes additives that provide extreme pressure (EP) and anti-wear (AW) protection plus tackifiers and adhesive agents that allow the grease to stay-put under high water pressure conditions. In addition to its EP, AW and exceptional water resistance properties, **VXP-2** also provides a high level of oxidation, rust and corrosion protection.

VXP-2 is a unique grease with advanced component technology that offers outstanding service in the most demanding applications particularly for expensive and key equipment.

The state-of-the-art equipment and procedures employed to manufacture **VXP-2** provides this grease with a high degree of mechanical and storage stability. It will not breakdown under high mechanical stress. In storage it will not alter consistency or release oil.

BENEFITS

- Maximum protection against high and/or shock loads
- Reduced wear and tear on sliding parts
- Superior protection against rust and corrosion
- Excellent resistance to water spray & washout
- Excellent mechanical stability
- High temperature capability
- Lead, Chlorine and Nitrite free
- Outstanding storage stability

APPLICATIONS

VXP-2 is recommended for use in automotive and industrial applications where extra heavy duty service of high temperatures, high loads and water spray or ingress are encountered.

VXP-2 is suitable for rolling element bearings, plain bearings, chassis parts, gears and couplings. Because of its outstanding EP, corrosion and water-resistant properties, it is particularly suitable where water is present such as steel mills, underground tunnelling, cement, mining, sugar and ore-crushing plants.

The recommended operating temperature range is from -20°C to 170°C . **VXP-2** grease can endure higher temperatures for short periods or if the lubrication frequency is increased.

Hi-Tec suggests that the equipment manufacturers' recommendations for grade, performance requirements and general operating conditions should be checked prior to use.



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PRODUCT DATA SHEET

TYPICAL PROPERTIES

Property	ASTM Method	Results
NLGI Grade	D-217	2
Soap	-	Lithium Complex
Colour	Visual	Purple
Penetration @ 25°C - Worked 60 Strokes	D-217	265
Drop Point (°C)	D-2265	260
Water Washout 1 hour @ 79°C (%)	D-1264	2.3
Water Spray off (%)	D-4049	63
4-Ball Weld (kg/F)	D-2596	700
4-Ball Wear Scar (mm)	D-2266	0.51
Viscosity (cSt) @ 40°C	D-445	220
Usable Temperature Range (°C)	-	-20 to 170

Available in: 180 kg, 55 kg, 20 kg, 16 kg, 2.5 kg, 500 g, 450 g and 400 g

"Hi-Tec Oil Traders Pty Ltd (Hi-Tec Oils) has endeavoured to ensure that all information, representations and specifications contained in this product data sheet are accurate at the time of publication. This general information should be used in conjunction with appropriate inquiries by users of the product including consultation with the vehicle or equipment manufacturers published information.

It is the responsibility of users of the product to use the product safely. Users should consult the safety data sheets for each product at www.hi-tecoils.com.au. Hi-Tec Oils takes no responsibility for injury or damage if the product is used in an inappropriate or unsafe manner.

Our product warranty and product quality statement can be viewed at www.hi-tecoils.com.au"

Item code: HI7-1006

Effective: February 2020

MR022002/1



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SAFETY DATA SHEET

Page 1 of 15

Issue Date: 2 November 2021

VXP-2 Grease

Version: 4

Product name: VXP-2 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: VXP-2 Grease

OTHER NAMES: None

MANUFACTURER'S PRODUCT CODE: HI7-1006

USE: Lithium Complex, multipurpose 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.



AUSTRALIAN FAMILY OWNED SINCE 1989





SAFETY DATA SHEET

Page 2 of 15

Issue Date: 2 November 2021

VXP-2 Grease

Version: 4

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL CHARACTERISTICS:

Grease

INGREDIENTS:-

CHEMICAL ENTITY

Distillates (petroleum), hydrotreated heavy naphthenic

Dilithium Sebacate

Phosphorodithioic acid, O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr)
esters, zinc salts

Ingredients determined to be non-hazardous

CAS NO

64742-52-5

19370-86-6

85940-28-9

-

PROPORTION

70-100%

1 - 2.5%

1 - 2.5%

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.



SAFETY DATA SHEET

Page 3 of 15

Issue Date: 2 November 2021

VXP-2 Grease

Version: 4

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 & CLEANING UP: Reuse or recycle products wherever possible. Collect spillage with a shovel and broom 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.



SAFETY DATA SHEET

Page 4 of 15

Issue Date: 2 November 2021

VXP-2 Grease

Version: 4

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

Distillates (petroleum), hydrotreated heavy naphthenic:

Short-term exposure limit (15-minute): WEL 10 mg/m³ mist

WEL = Workplace Exposure Limit

DNEL:

Workers – Inhalation; Long term local effects: 5.58 mg/m³

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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SAFETY DATA SHEET

Page 5 of 15

Issue Date: 2 November 2021

VXP-2 Grease

Version: 4

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Grease
COLOUR:	Purple
ODOUR:	Almost odourless
ODOUR THRESHOLD:	No information available
pH:	Not applicable
MELTING POINT:	>260°C ASTM D2265
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:	0.92 @ 25°C
BULK DENSITY:	No information available
SOLUBILITY(IES):	Insoluble in water.
PARTITION COEFFICIENT:	No information available
AUTO-IGNITION TEMPERATURE:	No information available
DECOMPOSITION TEMPERATURE:	No information available
VISCOSITY:	220 cSt @ 40°C. Information given is applicable to major ingredient
EXPLOSIVE PROPERTIES:	Not considered to be explosive



AUSTRALIAN FAMILY OWNED SINCE 1989





SAFETY DATA SHEET

Page 6 of 15

Issue Date: 2 November 2021

VXP-2 Grease

Version: 4

9. PHYSICAL AND CHEMICAL PROPERTIES (CONT)

EXPLOSIVE UNDER THE INFLUENCE OF
A FLAME:

Not considered to be explosive

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 reactions known.

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.

ATE oral (mg/kg):

27,322.4

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.



SAFETY DATA SHEET

Page 7 of 15

Issue Date: 2 November 2021

VXP-2 Grease

Version: 4

11. TOXICOLOGICAL INFORMATION (CONT)

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.

CARCINOGENICITY

Carcinogenicity:

Based on available data the classification criteria are not met.

IARC carcinogenicity:

Contains a substance which may be potentially carcinogenic. IARC Group 2B
Possibly carcinogenic to humans.

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.



SAFETY DATA SHEET

Page 8 of 15

Issue Date: 2 November 2021

VXP-2 Grease

Version: 4

11. TOXICOLOGICAL INFORMATION (CONT)

TOXICOLOGICAL INFORMATION ON INGREDIENTS

Distillates (petroleum), hydrotreated heavy naphthenic

ACUTE TOXICITY - ORAL

Notes (oral LD₅₀):

OECD 401 >5000 mg/kg, Oral Rat
API 1982 Read-across data.

ACUTE TOXICITY - DERMAL

Notes (dermal LD₅₀):

OECD 402 >5000 mg/kg, Dermal, Rabbit
API 1982 Read-across data.

ACUTE TOXICITY - INHALATION

Notes (inhalation LC₅₀):

OECD 403 >5.53 mg/l, Dust/Mist Rat
API 1988a 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.



SAFETY DATA SHEET

Page 9 of 15

Issue Date: 2 November 2021

VXP-2 Grease

Version: 4

11. TOXICOLOGICAL INFORMATION (CONT)

Dilithium Sebacate

ACUTE TOXICITY - ORAL

Notes (oral LD₅₀):

Acute Tox. 4 – H302 Harmful if swallowed.

ATE oral (mg/kg):

500.0

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.

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:

Non 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.



SAFETY DATA SHEET

Page 10 of 15

Issue Date: 2 November 2021

VXP-2 Grease

Version: 4

11. TOXICOLOGICAL INFORMATION (CONT)

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:

May cause discomfort if swallowed. Stomach pain. Nausea, vomiting

SKIN CONTACT:

Prolonged contact may cause dryness of the skin.

EYE CONTACT:

No specific symptoms known.

ROUTE OF ENTRY:

Ingestion Inhalation Skin and/or eye contact

TARGET ORGANS:

No specific target organs known.

Phosphorodithioic acid, O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts

ACUTE TOXICITY - ORAL

Notes (oral LD₅₀):

OECD 401 3,080 mg/kg, Oral, Rat

ACUTE TOXICITY - DERMAL

Notes (dermal LD₅₀):

OECD 402 > 20,000 mg/kg, Dermal, Rat

SKIN CORROSION/IRRITATION

Skin corrosion/irritation:

OECD 404 Irritating to skin.

SERIOUS EYE DAMAGE/IRRITATION

Serious eye damage/irritation:

OECD 405 Irritating to eyes.

SKIN SENSITISATION

Skin sensitisation:

OECD 406 – Guinea pig: Not sensitising.

GERM CELL MUTAGENICITY

Genotoxicity - in vitro:

Gene mutation: TA98.

Negative with metabolic activation. Negative without metabolic activation.

Genotoxicity - in vitro:

Micronucleus assay, Mouse, OECD 474: Negative.

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:



AUSTRALIAN FAMILY OWNED SINCE 1989





SAFETY DATA SHEET

Page 11 of 15

Issue Date: 2 November 2021

VXP-2 Grease

Version: 4

12. ECOLOGICAL INFORMATION (CONT)

Distillates (petroleum), hydrotreated heavy napthenic

ACUTE AQUATIC TOXICITY:

Acute Toxicity – Fish	LC ₅₀ , 96 hours: >100 mg/l
Acute Toxicity – Aquatic Invertebrates	EC ₅₀ , 96 hours: >10,000 mg/l
Acute Toxicity – Aquatic Plants	NOEC, 72 hours: >100 mg/l

CHRONIC AQUATIC TOXICITY:

Acute Toxicity – Aquatic Invertebrates	NOEC, 21 days: 10 mg/l
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Dilithium Sebacate

ACUTE AQUATIC TOXICITY:

Acute Toxicity – Fish	LC ₅₀ , 96 hours: >100 mg/l, Cyprinus Carpio (Common Carp)
Acute Toxicity – Aquatic Invertebrates	EC ₅₀ , 48 hours: >100 mg/l, Daphnia magna
Acute Toxicity – Aquatic Plants	EC ₅₀ , 75 hours: >100 mg/l, Pseudokirchneriella subcapitata
	NOEC, 72 hours: >10 mg/l, Pseudokirchneriella subcapitata

Phosphorodithioic acid, O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts

ACUTE AQUATIC TOXICITY:

Acute Toxicity – Fish	LC ₅₀ , 96 hours: 4.5 mg/l, Oncorhynchus mykiss (Rainbow trout)
	NOEC, 96 hours: 1.8 mg/l, Oncorhynchus mykiss (Rainbow trout)
Acute Toxicity – Aquatic Invertebrates	EC ₅₀ , 48 hours: 5.4 mg/l, Daphnia magna
	NOEC, 48 hours: <1 mg/l, Daphnia magna
Acute Toxicity – Aquatic Plants	LC ₅₀ , 96 hours: 2.1 mg/l, Scenedesmus subspicatus

PERSISTENCE AND DEGRADABILITY:

The degradability of the product is not known.

ECOLOGICAL INFORMATION ON INGREDIENTS:

Distillates (petroleum), hydrotreated heavy napthenic

Biodegradation	Inherently biodegradable
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Dilithium Sebacate

Persistence and degradability	The product is readily biodegradable.
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Phosphorodithioic acid, O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts

Persistence and degradability	Not readily biodegradable.
Biodegradation	OECD 301F
	Degradation 1.5%: 28 days

BIOACCUMULATIVE POTENTIAL:

No data available on bioaccumulation.



SAFETY DATA SHEET

Page 12 of 15

Issue Date: 2 November 2021

VXP-2 Grease

Version: 4

12. ECOLOGICAL INFORMATION (CONT)

PARTITION COEFFICIENT: No information available

ECOLOGICAL INFORMATION ON INGREDIENTS:

Distillates (petroleum), hydrotreated heavy napthenic

Bioaccumulative potential Bioaccumulation is unlikely to be significant because of the low water-solubility of this product

Partition coefficient: log Pow: 2 to 6.

Dilithium Sebacate

Bioaccumulative potential No data available on bioaccumulation.

Phosphorodithioic acid, O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts

Bioaccumulative potential No data available

MOBILITY IN SOIL: No data available.

ECOLOGICAL INFORMATION ON INGREDIENTS:

Distillates (petroleum), hydrotreated heavy napthenic

Mobility: Mobile

Adsorption/desorption coefficient: log Kow: > 3.0 @ °C

Dilithium Sebacate

Mobility: No data available

Phosphorodithioic acid, O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts

Mobility: No data available

RESULTS OF PBT & vPvB ASSESSMENT

ECOLOGICAL INFORMATION ON INGREDIENTS:

Distillates (petroleum), hydrotreated heavy napthenic

Results of PBT and vPvB assessment: This substance is not classified as PBT or vPvB according to current EU criteria.

Phosphorodithioic acid, O,O-bis(2-ethylhexyl and iso-Bu and iso-Pr) esters, zinc salts

Results of PBT and vPvB assessment: This substance is not classified as PBT or vPvB according to current EU criteria.



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SAFETY DATA SHEET

Page 13 of 15

Issue Date: 2 November 2021

VXP-2 Grease

Version: 4

12. ECOLOGICAL INFORMATION (CONT)

OTHER ADVERSE EFFECTS: None known.

ECOLOGICAL INFORMATION ON INGREDIENTS

Dilithium Sebacate

Other adverse effects: None known

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.



AUSTRALIAN FAMILY OWNED SINCE 1989





SAFETY DATA SHEET

Page 14 of 15

Issue Date: 2 November 2021

VXP-2 Grease

Version: 4

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: 15 December 2016

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

MR121120/1

END OF SDS



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