SECTION 1 – IDENTIFICATION: PRODUCT IDENTIFIER/CHEMICAL IDENTITY

1.1 PRODUCT IDENTIFIER: Indus Compressor Oil 2KH100

**1.2 PRODUCT CODE**: CO2KH100

1.3 RELEVANT IDENTIFIED USES OF THE MIXTURE AND USES ADVISED AGAINST:

**RELEVANT IDENTIFIED USES:** 2,000 Hour reciprocating compressor oil.

**RESTRICTIONS ON USE:** None known.

1.4 DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

SUPPLIER NAME: PENRITE OIL Company Pty Ltd (ABN: 25005 001 525),
ADDRESS (Australia): 110-116 Greens Road, Dandenong South VIC, Australia, 3175
TELEPHONE NUMBER (Australia): 1300 736 748: +61 3 8710 6600 (Int): Fax: 1800 736 748

ADDRESS (New Zealand): 75 Lady Ruby Drive, East Tamaki, Auckland, New Zealand, 2013

TELEPHONE NUMBER (New Zealand):0800 533 698; Fax: 0800 533 698 E-MAIL: tech@penriteoil.com (Aust and NZ)

**1.5 EMERGENCY TEL. NUMBER:** Australia: 1300 736 748; New Zealand: 0800 533 698

(Poisons Information Centre (Aust 131 126; NZ 0800 764 766)

1.6 HSNO DETAILS:

HSNO APPROVAL NUMBER: HSR002606.

HSNO GROUP TITLE: Lubricants, Lubricant Additives, Coolants and Anti-Freeze Agents

(Subsidiary Hazard) Group Standard, 2006.

# SECTION 2 - HAZARD(S) IDENTIFICATION

### 2.1 CLASSIFICATION OF THE HAZARDOUS CHEMICAL:

NOHSC 1008: This product is a mixture and is not classified as Hazardous according to the

criteria of the National Occupational Health and Safety Commission (SafeWork

Australia).

**GHS CLASSIFICATION HAZARD** 

**CLASS & CATEGORY:** The product is a mixture and based upon the information as supplied is not

classified as hazardous under the Model Work Health and Safety Regulations.

2.2 LABEL ELEMENTS INCLUDING PRECAUTIONARY STATEMENTS:

**SIGNAL WORD:** There is no Signal Word.

**HAZARD STATEMENTS:** There are no Hazard Statements.

PRECAUTIONARY

**STATEMENTS:** There are no Precautionary Statements.

2.3 OTHER HAZARDS: The mixture has a low order of toxicity associated with it. Excessive exposure

may result in mild irritation to the eye, skin or respiratory system. As for all chemical products, persons should not expose open wounds, cuts, abrasions

or irritated skin to this material.

# **SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**

INGREDIENTS	CAS NUMBER	Concentration % W/W	Risk Phrases*	GHS Classification
Distillates, petroleum, hydrotreated heavy paraffinic Poly-alphaolefin poly-alkylmethacrylate	64742-54-7	> 70%	Not Applic	Not Applic
Cooligomer Complex mixture of additives	- -	< 10% < 10%	Not Applic Not Applic	Not Applic Not assessed

Not Applic = Not Applicable \* Please see Section 16 of this SDS for full text of the Label Elements.

### **SECTION 4 – FIRST AID MEASURES**

#### 4.1 DESCRIPTION OF NECESSARY FIRST AID MEASURES:

INGESTION: Rinse mouth out with water. Due to the blend of ingredients present, the

manufacturer recommends that if swallowed, do NOT induce vomiting. If irritation develops or persists or vomiting has occurred after ingestion, seek

medical assistance.

**EYE:** If in eyes, hold eyelids apart and flush the eye immediately with large amounts

of running water. Continue flushing for at least 15 minutes or until advised to stop by a doctor. Check for contact lenses. If there are contact lenses, these should be removed under supervision. After flushing, if irritation develops or

persists, seek medical assistance.

SKIN CONTACT: If skin or hair contact has occurred remove any contaminated clothing and

footwear, wash skin or hair thoroughly with soap and water. If irritation develops

or persists, consult a Doctor.

**INHALATION:** If affected, remove the patient from further exposure into fresh air, if safe to do

so. If providing assistance, avoid exposure to yourself - only enter contaminated environments with adequate respiratory equipment. Once removed, lay patient down in a well-ventilated area and reassure them whilst waiting for medical assistance. If not breathing, provide artificial respiration and seek immediate medical assistance. If unconscious, place in a recovery position and seek

immediate medical assistance.

PROTECTION FOR FIRST

AIDERS: No personal shall place themselves in a situation that is potentially hazardous to

themselves. Always ensure that you are wearing gloves when dealing with first

aid procedures involving chemicals and/or blood.

FIRST AID FACILITIES: Eye wash fountain and safety showers are recommended in the area where the

product is used.

4.2 MOST IMPORTANT SYMPTOMS & EFFECTS, BOTH ACUTE & DELAYED, CAUSED BY EXPOSURE:

ACUTE:

Ingestion or inhalation of vapours may lead to irritation of the mouth and respiratory tract. Eye contact may lead to localised burning, redness and

tearing. Skin contact may lead to redness or itching.

CHRONIC: Skin contact may aggravate/exacerbate existing skin conditions, such as

dermatitis.

4.3 INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NECESSARY:

ADVICE TO DOCTOR: Treat symptomatically. As the product is hydrocarbon based, if vomiting has

occurred after ingestion, the patient should be monitored for adverse effects.

### SECTION 5 – FIRE FIGHTING MEASURES

5.1 EXTINGUISHING MEDIA:

SUITABLE MEDIA: Use extinguishing media appropriate for surrounding fire. Use carbon dioxide,

foam, dry chemical or water fog. Spray down fumes resulting from fire.

UNSUITABLE MEDIA: Avoid using full water jet directed at residual material that may be burning.

Water may cause splattering on hot oil. Product will float on water.

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

COMBUSTION HAZARDS: Combustion may produce oxides of carbon, nitrogen and sulphur, as well as

smoke and irritating vapours.

# SECTION 5 – FIRE FIGHTING MEASURES Continued

#### **5.3 ADVICE FOR FIREFIGHTERS:**

FIRE: This product is not flammable under conditions of use. Is a hydrocarbon-based

liquid that will burn if preheated - Typical Flash Point 205°C. Keep storage

tanks, pipelines, fire exposed surfaces, etc. cool with water spray.

**HAZCHEM CODE:** Not applicable.

**EXPLOSION:** No information to indicate that the product is an explosion hazard. Extinguish all

sources of flame or spark. Closed containers may explode when exposed to

extreme heat.

**PROTECTIVE** 

**EQUIPMENT:** In the event of a fire, wear full protective clothing and self-contained breathing

equipment with full-face piece operated in the pressure demand or other

positive pressure mode.

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

#### 6.1 PERSONAL PRECAUTIONS. PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:

PERSONAL PROTECTION:

For small spills, wear Nitrile gloves, glasses/goggles, boots and full-length clothing. During routine operation a respirator is not required. However, if mists or vapours are generated, an approved organic vapour/particulate respirator is required. For large spills, or in confined spaces, a full chemically resistant bodysuit is recommended and the atmosphere must be evaluated for oxygen

deficiency. If in doubt wear self-contained breathing apparatus.

CONTROL MEASURES: Ventilate area and extinguish and/or remove all sources of ignition. Stop the

leak if safe to do so. Caution: The spilled product will be slippery. Avoid contact

with the spilled material.

EMERGENCY PROCEDURES: In the event of a spill or accidental release, notify the relevant authorities in

accordance with all applicable regulations.

**6.2 ENVIRONMENTAL PRECAUTIONS:** 

SPILL ADVICE: Do not allow product to enter drains, surface water, sewers or watercourses -

inform local authorities if this occurs.

#### 6.3 METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP:

CONTAINMENT:

Contain the spill and absorb with a proprietary absorbent material, sand or earth. For large spills prepare a bund/barrier/dyke ahead of the spill to confine the spill and allow later recovery. If there is the possibility of spills to enter drains, surface water, sewers or watercourses ensure bunding, or that drains are covered, to minimise the potential for this to occur.

**CLEANING PROCEDURES:** 

Having contained the spill, as mentioned above, collect all material quickly and place used absorbent in suitable containers. Follow local regulations for the disposal of waste. For large spills that have been bunded, the material can be pumped into vessels and returned for reprocessing or destruction. Personnel must wear gloves, goggles or glasses, boots and full-length clothing during cleaning procedures. Wash contaminated area and objects with detergent and water after spill has been cleared. Rinse the cleaned area with water. Do not allow wash water or rinsings to enter drains, surface water, sewers or water courses.

#### SECTION 7 HANDLING AND STORAGE. INCLUDING HOW THE CHEMICAL MAY BE SAFELY USED

#### 7.1 PRECAUTIONS FOR SAFE HANDLING:

SAFE HANDLING:

Avoid contact with the product by using appropriate protective equipment such as gloves, glasses or goggles and full-length clothing. Prevent small spills and leakage to avoid slip hazards. Properly dispose of any contaminated rags or cleaning materials in order to prevent fire hazards. Eating, drinking, and smoking should be prohibited in the area where this material is handled, stored and processed. Workers should follow good personal hygiene practices, such as washing hands before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Keep containers tightly closed when not in use. Prevent product from entering waterways, drains or sewers.

#### 7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATABILITIES:

SAFE STORAGE:

This product is a hydrocarbon-based liquid that will burn if preheated. Store in a well ventilated area away from direct sunlight, ignition sources, oxidising agents, foodstuffs and clothing. Keep containers closed when not in use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

**INCOMPATIBILITIES:** Oxidizing substances including strong acids.

# **SECTION 8 – EXPOSURE CONTROLS & PERSONAL PROTECTION**

#### **8.1 EXPOSURE CONTROL MEASURES:**

**EXPOSURE LIMIT VALUES:** Exposure standards for the product have not been established. However, in the operation of certain equipment or at elevated temperatures, if oil mists or aerosols are generated the following Exposure Standard should be observed:

> TWA: 5 mg/m<sup>3</sup>

10 mg/m<sup>3</sup> (ACGIH) STEL:

8.2 BIOLOGICAL

MONITORING: No data available.

8.3 CONTROL BANDING: No data available.

#### **8.4 ENGINEERING CONTROLS:**

**ENGINEERING CONTROLS:** 

Special ventilation is not normally required. However, in the operation of certain equipment or at elevated temperatures mists or vapour may be generated and local exhaust ventilation should be provided to maintain airborne concentration levels below the nominated exposure standard.

### **8.5 INDIVIDUAL PROTECTION MEASURES:**

**EYE & FACE PROTECTION:** Wear safety glasses/goggles to avoid eye contact when handling. If there is a

risk of splashing during use, a full face shield is recommended. Use eye

protection in accordance with AS 1336 and AS 1337.

SKIN (HAND) PROTECTION: If there is the chance of contact with the material wear gloves to provide hand

protection. Nitrile rubber gloves are recommended.

SKIN (CLOTHING)

PROTECTION: During normal operating procedures, long sleeved clothing is recommended to

avoid skin contact. Soiled clothing should be washed with detergent prior to re-

use.

RESPIRATORY PROTECTION: During routine operation a respirator is not required. However, if mists or

vapours are generated, an approved half face organic vapour/particulate respirator is required. Use respirators in accordance with AS 1715 and AS

1716.

THERMAL PROTECTION: Not applicable.

#### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

9.1 PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Viscous amber liquid.

**ODOUR:** Characteristic lubricating oil odour.

**ODOUR THRESHOLD:** No data available. Not applicable. :Ha MELTING/FREEZING POINT: Not applicable. **INITIAL BOILING POINT:** No data available. **BOILING RANGE (°C):** No data available. FLASHPOINT (°C): Typically 205°C. **EVAPORATION RATE:** No data available. FLAMMABILITY LIMITS (%): No data available. VAPOUR PRESSURE (mmHg): No data available. No data available. VAPOUR DENSITY: DENSITY (g/mL @ 15°C): Typically 0.881. SOLUBILITY IN WATER(q/L): Insoluble in water.

PARTITION COEFFICIENT: No data available for n-octanol/water.

AUTO-IGNITION TEMP (°C): No data available.

DECOMPOSITION TEMP (°C): No data available.

VISCOSITY (cSt @ 100°C): Typically 11.7.

VISCOSITY (cSt @ 40°C): Typically 105.

### SECTION 10 - STABILITY AND REACTIVITY

**10.1 REACTIVITY:** The product does not pose any further reactivity hazards other than those listed

in the following sub-sections.

10.2 CHEMICAL STABILITY: Stable under recommended storage and handling conditions (see section 7).

10.3 POSSIBILITY OF

HAZARDOUS REACTIONS: Keep away from strong oxidising agents, such as strong acids, chlorates,

nitrates and peroxides. Hazardous polymerisation does not occur.

10.4 CONDITIONS TO AVOID: Observe the usual precautionary measures for handling chemicals. Do not heat

the container or leave the container open when not in use. Avoid sources of

ignition.

**10.5 INCOMPATIBLE** 

**MATERIALS:** Strong oxidising agents including concentrated acids.

10.6 HAZARDOUS DECOMPOSITION

PRODUCTS: Hazardous decomposition products are not expected to form during normal

storage requirements. See Section 5.2 for Hazardous Combustion products.

### SECTION 11 – TOXICOLOGICAL INFORMATION

#### 11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:

The product is a mixture and test data is not available for the product as a whole.

#### 11.2 ACUTE TOXICITY:

**SWALLOWED:** This product is expected to have a low order of toxicity associated with it when

ingested. It may cause slight irritation to the mouth, throat and digestive tract. This product contains several amine components that are rated as R22 - Harmful if swallowed, however they are present at amounts below the Concentration cut-off level. Based upon assessment of similar products, the Acute Oral Toxicity is expected to be LD50 (rat) >5000 mg/kg when tested against OECD Guideline 420 or similar. During normal usage ingestion should not be a means of exposure.

### SECTION 11 – TOXICOLOGICAL INFORMATION Continued

**EYE:** May be mildly irritating to the eyes. Symptoms may include localised burning,

redness and tearing. This product contains components that are rated as R36 - irritating to the eyes, however they are present at amounts below the Concentration cut-off level that would indicate that there is a potential eye hazard. Correct handling procedures incorporating appropriate eye protection

should minimise the risk of eye irritation.

**SKIN:** May be mildly irritating to the skin. This product contains alkyl and aryl amine

components that are rated as R43 - may cause sensitisation by skin contact as well as components that are toxic and harmful in contact with skin, however these are present at amounts below the Concentration cut-off level. Correct handling procedures incorporating appropriate protective clothing and gloves should minimise the risk of skin irritation. People with pre-existing skin conditions, such as dermatitis, should take extreme care so as not to

exacerbate the condition.

**INHALED:** No data to indicate a toxic inhalation hazard. Based upon assessment of similar

products, the Acute Inhalation Toxicity is expected to be  $LC_{50}$  (rat, 4 hours) >5000 mg/m³ when tested against OECD Guideline 403 or similar. Negligible irritation hazard at ambient temperature or under normal handling conditions. Inhalation of vapours or mist (generated at elevated temperatures or by

mechanical action) may cause irritation to the nose and throat.

11.2 SKIN CORROSION/ IRRITATION:

This product is not expected to exhibit Dermal Corrosivity/Irritation according to OECD Test 404, based on the available data and the known hazards of the components. This product contains a component that is rated as a skin irritant, however it is present at amounts below the Concentration cut-off level that

would indicate that there is a potential corrosion/irritation hazard.

11.3 SERIOUS EYE DAMAGE/

IRRITATION:

This product is not expected to exhibit Eye Irritation or Serious Damage/Corrosivity according to OECD Test 405, based on the available data and the known hazards of the components. This product contains components that are rated as irritating to the eyes, however they are present at amounts below the Concentration cut-off level that would indicate that there is a potential eye damage/irritation hazard.

11.4 RESPIRATORY OR SKIN SENSITISATION:

This product is not expected to be a skin sensitiser according to OECD Test 406, based on the available data and the known hazards of the components. However, it contains alkyl and aryl amine components that are rated as R43 - may cause sensitisation by skin contact, however these are present at amounts of <0.5% in the final product. This product is not expected to be a respiratory tract sensitiser, based on the available data and the known hazards of the components.

11.5 GERM CELL MUTAGENICITY:

This product is not expected to be mutagenic according to tests such as OECD Tests 471, 475, 476, 478 and 479, based on the available data and the known hazards of the components.

11.6 CARCINOGENICITY:

This product is not expected to be a carcinogen according to OECD Test 451, based on the available data and the known hazards of the components. Long term animal experiments have shown that any health risks are associated with the level of aromatic and polycyclic constituents in the product. These constituents are removed during the manufacturing process to a level at which no health risks are expected as a result of normal handling. Representative testing of the Base Oils used to manufacture lubricants shows that they pass IP-346.

# SECTION 11 – TOXICOLOGICAL INFORMATION Continued

11.7 REPRODUCTIVE

TOXICITY:

This product is not expected to be a reproductive hazard according to tests such as OECD Tests 414 and 421, based on the available data and the known hazards of the components.

11.8 SPECIFIC TARGET ORGAN TOXICITY (STOT) -

SINGLE EXPOSURE:

This product is not expected to cause organ damage from a single exposure, based on the available data and the known hazards of the components.

11.9 SPECIFIC TARGET ORGAN TOXICITY (STOT) -

REPEATED EXPOSURE:

This product is not expected to cause organ damage from prolonged or repeated exposure according to tests such as OECD Tests 410 and 412, based on the available data and the known hazards of the components.

11.10 ASPIRATION HAZARD: This product is not expected to be an aspiration hazard, based on the available data and the known hazards of the components. However, as the product is hydrocarbon based, if vomiting has occurred after ingestion, the patient should be monitored for adverse effects.

11.11 OTHER INFORMATION: Used oils may contain harmful impurities that can accumulate during usage. Due to the use of oils in different types of equipment the types of impurities that accumulate during its usage are unknown. Therefore, all used oils should be handled with caution and skin contact should be avoided by wearing suitable gloves, such as those made of nitrile rubber.

### **SECTION 12 – ECOLOGICAL INFORMATION**

12.1 ECOTOXICITY:

There is no data available for the product as a whole. However, some of the components have been rated as R50 - Very toxic to aquatic organisms, R51 -Toxic to aquatic organisms, R52 - Harmful to aquatic organisms and R53 - May cause long-term adverse effects in the aquatic environment. Based upon calculated values, the overall product would be expected to be rated as R52/53 - Harmful to aquatic organisms. May cause long-term adverse effects in the aquatic environment.

12.2 PERSISTENCE & **DEGRADABILITY:** 

Based on the available data and the known hazards of the components and similar products the product is not expected to be readily biodegradable. Major constituents are expected to be inherently biodegradable, however the product contains components that may persist in the environment.

12.3 BIOACCUMULATIVE POTENTIAL:

No information is available.

12.4 MOBILITY IN SOIL:

If the product enters soil, based upon similar products it is expected that it will adsorb onto soil particles and will not be mobile.

12.5 OTHER ADVERSE **EFFECTS:** 

Based on the available data and the known hazards of the components and similar products the product is not expected to have ozone depletion potential, photochemical ozone creation potential or global warming potential. The product is a mixture of non-volatile components, which are not expected to be released to the air in any significant amounts. The product will float on water.

# **SECTION 13 – DISPOSAL CONSIDERATIONS**

13.1 DISPOSAL METHODS:

PRODUCT:

The product should not be released to the environment, so any unused material should be recycled wherever possible or be disposed of as hazardous waste at an appropriate collection depot. If this is not possible, the product is suitable for burning in an enclosed burner where it can be used as a fuel source. The product is also suitable for incineration at very high temperatures to prevent formation of undesirable combustion products. Spilled product that cannot be recovered should be absorbed and then shovelled into a suitable waste container, such as a plastic drum and then be treated as a solid waste. Follow Government regulations for disposal of such waste. Do not mix new or used lubricating oils with solvents, brake fluids or coolants when disposing. All unused, waste or spilled product must be taken for recycling or disposal by suitably licensed contractors in accordance with Government regulations.

**CONTAINERS:** 

Empty containers may contain residual oil. They should be completely drained and then stored until reconditioned or disposed of. Empty drums should be taken for recycling or disposal through suitably licensed contractors in accordance with Government regulations. Where the containers are of metal construction they should not be pressurised, cut by a grinder, welded, brazed, soldered, drilled or exposed to heat, flames or other sources of ignition. Closed metal containers when exposed to such conditions/treatment may explode causing serious injury or death.

### SECTION 14 – TRANSPORT INFORMATION

This product is not regulated for land, sea or air transportation. (HS Code: 2710.19.91)

14.1 LAND (ADG Code):

**UN NUMBER:** Not applicable

**UN PROPER SHIPPING** 

NAME: Not applicable

TRANSPORT HAZARD

CLASS(ES): Not applicable PACKAGING GROUP: Not applicable

**ENVIRONMENTAL** 

HAZARDS: Not applicable

**SPECIAL PRECAUTIONS** 

FOR USER: Not applicable HAZCHEM CODE: Not applicable

14.2 SEA (IMDG):

**UN NUMBER:** Not applicable

**UN PROPER SHIPPING** 

NAME: Not applicable

TRANSPORT HAZARD

CLASS(ES): Not applicable PACKAGING GROUP: Not applicable

**ENVIRONMENTAL** 

HAZARDS: Not applicable

**SPECIAL PRECAUTIONS** 

FOR USER: Not applicable

#### SECTION 14 – TRANSPORT INFORMATION Continued

14.3 AIR (IATA):

**UN NUMBER:** Not applicable

**UN PROPER SHIPPING** 

NAME: Not applicable

TRANSPORT HAZARD

CLASS(ES): Not applicable PACKAGING GROUP: Not applicable

**ENVIRONMENTAL** 

HAZARDS: Not applicable

SPECIAL PRECAUTIONS

FOR USER: Not applicable

### SECTION 15 – REGULATORY INFORMATION

#### 15.1 SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS:

**APPLICABLE REGULATIONS:** 

SUSMP: Not scheduled.

AICS: All ingredients are on the AICS List.

MONTREAL PROTOCOL: Not applicable to this product.

STOCKHOLM CONVENTION: Not applicable to this product.

ROTTERDAM CONVENTION: Not applicable to this product.

Not applicable to this product.

INTERNATIONAL CONVENTION FOR THE PREVENTION OF POLLUTION FROM

SHIPS (MARPOL): Not determined.
OTHER REGULATORY INFORMATION:
RISK PHRASES [NOHSC:1008]: Not applicable

SAFETY PHRASES

[NOHSC:1008]: Not applicable HSNO APPROVAL NUMBER: HSR002606.

HSNO GROUP TITLE: Lubricants, Lubricant Additives, Coolants and Anti-Freeze Agents (Subsidiary

Hazard) Group Standard, 2006.

### **SECTION 16 – ANY OTHER RELEVANT INFORMATION**

SDS INFORMATION:

**Date of SDS Preparation:** 23<sup>rd</sup> November 2016 **Revision:** 0.1 Changes to Product Name in Section 1 and Formulation amount Section 3.

ACRONYMS:

SUSMP Standard for the Uniform Scheduling of Medicines and Poisons

CAS Number Chemical Abstracts Service Registry Number

EINECS European Inventory of Existing Commercial Chemical Substances

UN Number United Nations Number

OSHA Occupational Safety and Health Administration

ACGIH American Conference of Governmental Industrial Hygienists

IMDG International Maritime Dangerous Goods IATA International Air Transport Association

IUCLID International Uniform Chemical Information Database RTECS Registry of Toxic Effects of Chemical Substances

R-Phrase Risk Phrases
S-Phrase Safety Phrases
%W/W Percent weight for weight

OECD Organisation for Economic Co-Operation and Development

ADG Code Australian Code for the Transport of Dangerous Goods by Road and Rail

HAZCHEM Code An emergency action code of numbers and letters which gives information to emergency

services

NOHSC National Occupational Health and Safety Commission

# **SECTION 16 – ANY OTHER RELEVANT INFORMATION Continued**

#### **ACRONYMS (Continued):**

AICS Australian Inventory of Chemical Substances

TWA Time-Weighted Average STEL Short term Exposure Limit

HSNO Hazardous Substances and New Organisms Act 1996

GHS Globally Harmonised System of Classification and Labelling of Chemicals

WHS Work Health and Safety

PPE Personal Protective Equipment.

#### LITERATURE REFERENCES AND SOURCES OF DATA:

**OECD Guidelines for Testing of Chemicals** 

Annex I: OECD Test Guidelines for Studies Included in SIDS

Manual for the Assessment of Chemicals Chapter 2 Data Gathering

International Toxicity Testing Guidelines

Hazardous Substance Information System - Guidance Material for Hazard Classifications

Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice.

Model Work Health and Safety Regulations.

Model Work Health and Safety Regulations - Transitional Principles

Workplace Exposure Standards for Airborne Contaminants

Australian Dangerous Goods Code 7th Edition

Approved Criteria for Classifying Hazardous Substances [NOHSC:1008 (2004)]

Guidance on the Classification of Hazardous Chemicals under the WHS Regulations

Assigning a Hazardous Substance to a Group Standard

User Guide to the HSNO Thresholds and Classifications

Summary User Guide to the HSNO Thresholds and Classifications of Hazardous Substances

Correlation between GHS and New Zealand HSNO Hazard Classes and Categories

**HSNO Control Regulations** 

Record of Group Standard Assignment

Labelling of Hazardous Substances Hazard and Precautionary Information

Thresholds and Classifications Under the Hazardous Substances and New Organisms Act 1996

Workplace Exposure Standards and Biological Exposure Indices

All information contained in this Safety Data Sheet and the health, safety and environmental information are considered to be accurate to the best of our knowledge as of the issue date specified above. However, no warranty or representation, expressed or implied, is made as to the accuracy or completeness of the data and information contained in this data sheet.

Health and safety precautions and environmental advice noted in this data sheet may not be accurate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. The Company accepts no responsibility for any injury, loss or damage, resulting from abnormal use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material.