Page 1 of 9 Product: Autocool Coolant Test Strip Issue Date: 04<sup>th</sup> July 2016

Revision: 0.1

## SAFETY DATA SHEET

SECTION 1 – IDENTIFICATION: PRODUCT IDENTIFIER/CHEMICAL IDENTITY

1.1 PRODUCT IDENTIFIER: Autocool Coolant Test Strip

1.2 PRODUCT CODE: TSTRIPS

**1.3 RELEVANT IDENTIFIED USES OF THE MIXTURE AND USES ADVISED AGAINST:** RELEVANT IDENTIFIED USES: Test Strip to test Engine Coolant Concentration.

**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 9801 0877 (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:** (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: Not Applicable.

HSNO GROUP TITLE: Not Applicable.

## SECTION 2 – HAZARD(S) IDENTIFICATION

#### 2.1 CLASSIFICATION OF THE HAZARDOUS CHEMICAL:

**GHS CLASSIFICATION HAZARD** 

CLASS & CATEGORY: Under the Model Work Health and Safety Regulations, the product would not

be classified as hazardous.

### 2.2 LABEL ELEMENTS INCLUDING PRECAUTIONARY STATEMENTS:

SIGNAL WORD: Not Applicable.
PICTOGRAMS: Not Applicable.
HAZARD STATEMENTS: Not Applicable.

PRECAUTIONARY STATEMENTS:

PREVENTION: Not Applicable.
RESPONSE: Not Applicable.
STORAGE: Not Applicable.
DISPOSAL: Not Applicable.

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

may result in mild irritation to the skin as well as possible irritation to the eye. People with pre-existing skin conditions, such as eczema or dermatitis, should take precautions when handling the test strips, so as not to exacerbate the condition. As for all products containing chemicals, 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	GHS Classification*
1,2,3-Propanetricarboxylic acid, 2-hydroxy-, [Citric Acid, Trisodium Salt, Dihydrate] Phenol, 4,4'-(3H-2,1-benzoxathiol-3-ylidene)	6132-04-3 ois[2-bromo-3-methyl- 76-59-5	< 0.1%	Not Applic
S,S-dioxide [Bromothymol Blue]		< 0.1%	Acute Tox 4 - H302 Skin Irrit 2 - H315 Eye Irrit 2A - H319
1,2,3-Propanetricarboxylic acid, 2-hydroxy-,	-		
[Citric Acid Monohydrate]	5949-29-1	< 0.1%	Skin Irrit 2 - H315 Eye Irrit 2A - H319 STOT SE 3 - H335
1,2,3,4-tetrahydrobenzo[h]quinolin-3-ol [Hydroxtetrahydrobenzochinilin]	5423-67-6	< 0.1%	Skin Irrit 2 - H315 Eye Irrit 2A - H319 STOT SE 3 - H335
1,3-Propanediol, 2-amino-2-(hydroxymethyl)	-		
[Tris(Hydroxymethyl)Aminomethane]	77-86-1	< 0.1%	Not Applic
4,4'-(4,5,6,7-tetrabromo-3H-2,1-benzoxathiol-3-ylidene)bis[2,6-dibromophenol] S,S-dioxide			
[Tetrabromophenol Blue]	4430-25-5	< 0.1%	Eye Dam 1 - H318
			Chron Aq Tox 3 - H412
1(3H)-Isobenzofuranone, 3,3-bis(4-hydroxyp	henyl)-		
[Phenolphthalein]	77-09-8	< 0.1%	Muta. 2 - H341
			Carc. 1B - H350
			Tox Repro 2 - H361f
Ethenol, homopolymer	9002-89-5	< 0.1%	STOT SE 2 - H371
Potassium Iodide	7681-11-0	< 0.1%	STOT RE 1 - H372
Benzenesulfonic acid, 4-[[4-(dimethylamino)	phenyl]azo]-, sodium	salt	
[Methyl Orange]	547-58-0	< 0.1%	Acute Tox 3 - H301
Benzoic acid, 2-[[4-(dimethylamino)phenyl]a	zo]-		
[Methyl Red]	493-52-7	< 0.1%	Chron Aq Tox 2 - H411
5-(p-nitrophenylazo)salicylic acid			
[Mordant Orange 1]	2243-76-7	< 0.1%	Not Applic
Poly(oxy-1,2-ethanediyl),.alpha(9Z)-9-octac			
[Oleyl Alcohol Ethoxylated]	9004-98-2	< 0.1%	Acute Tox. 4 - H302 Skin Irrit 2 - H315 Eye Dam 1 - H318
Benzenesulfonic acid, 4-[[4-(phenylamino)ph			011 1 110 1101-
[Orange IV]	554-73-4	< 0.1%	Skin Irrit 2 - H315 Eye Irrit 2A - H319 STOT SE 3 - H335
Sulfuric Acid Benzenesulfonamide, 4-amino-	7664-93-9	< 0.1%	Skin Corr 1B - H314
[Sulfanilamide] Butanedioic acid, 2,3-dihydroxy- [R-(R*,R*)]-	63-74-1	< 0.1%	Not Applic
[L-Tartaric Acid]	87-69-4	< 0.1%	Skin Irrit 2 - H315 Eye Dam 1 - H318
PVC Plastic Rayon or Cellulose filter, glue	N/A	> 98%	Not Applic

\* Please see Section 15 of this SDS for full text description of the Label Elements.

Not Applic = Not Applicable

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

4.1 DESCRIPTION OF NECESSARY FIRST AID MEASURES:

INGESTION: Rinse mouth out with water if ingested. As the product is a test strip, 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 the strips are handled and some of the chemical constituents are transferred

into the eyes by secondary contact, 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 after several minutes of rinsing by the exposed person or medical personnel if it can be done easily.

After flushing, if irritation develops or persists, seek medical assistance.

**SKIN CONTACT:** If skin contact has occurred with chemical constituents, wash skin thoroughly

with soap and water. If irritation develops or persists, consult a Doctor.

**INHALATION:** As the chemical constituents are on the test strip, it is unlikely that a person will

inhale them. If affected, remove the patient from further exposure into fresh air.

If irritation develops or persists, consult a Doctor.

PROTECTION FOR FIRST

AIDERS: No personnel 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, or at least a source of fresh water are

recommended in the area where the product is used.

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

**ACUTE:** Ingestion though unlikely, may lead to irritation of the mouth and respiratory tract. Inadvertent, secondary eye contact may lead to irritation.

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.

### 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 spray. Spray down fumes resulting from fire.

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

5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:

**COMBUSTION HAZARDS:** Combustion may produce oxides of carbon, as well as smoke/irritating vapours.

5.3 ADVICE FOR FIREFIGHTERS:

FIRE: This product is not flammable under conditions of use.

**HAZCHEM CODE:** Not applicable.

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

**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 as a precaution. For large spills, wear Nitrile

gloves, glasses/goggles, boots and full-length clothing.

**CONTROL MEASURES:** Avoid contact with the spilled material.

**EMERGENCY PROCEDURES:** Not applicable. **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:** The product is a test strip, so containment is not an issue.

CLEANING PROCEDURES: Collect all material quickly by sweeping up and place in a suitable container for

disposal. Follow local regulations for the disposal of waste. 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. Personnel must wear gloves, goggles or glasses, boots and full-length clothing during large spill cleaning procedures.

# 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 nitrile gloves, glasses or goggles and full-length clothing. Workers should follow good personal hygiene practices, such as washing hands before eating, drinking and smoking. Keep containers tightly closed when not in use.

7.2 CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATABILITIES:

SAFE STORAGE: Store in a dry, well ventilated area away from direct sunlight and high humidity.

Keep containers closed when not in use.

**INCOMPATIBILITIES:** No data available.

### SECTION 8 – EXPOSURE CONTROLS & PERSONAL PROTECTION

**8.1 EXPOSURE CONTROL MEASURES:** 

**EXPOSURE LIMIT VALUES:** Exposure standards for the product have not been established.

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 when using this product.

**8.5 INDIVIDUAL PROTECTION MEASURES:** 

EYE & FACE PROTECTION: Wear safety glasses/goggles to avoid eye contact when handling. Use eye

protection in accordance with AS 1336 and AS 1337.

SKIN (HAND) PROTECTION: If there is the chance of contact with the chemical constituents wear gloves to

provide hand protection. Nitrile rubber gloves are recommended.

SKIN (CLOTHING)

PROTECTION: Long sleeved clothing is recommended to avoid skin contact. Soiled clothing

should be washed with detergent prior to re-use.

**RESPIRATORY PROTECTION: A** respirator is not required.

THERMAL PROTECTION: Not applicable.

## **SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

9.1 PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE: Test strip. ODOUR: Not applicable. ODOUR THRESHOLD: Not applicable. Not applicable. :Ha Not applicable. **MELTING/FREEZING POINT:** Not applicable. **INITIAL BOILING POINT: BOILING RANGE (°C):** Not applicable. Not applicable. FLASHPOINT (°C): Not applicable. **EVAPORATION RATE:** Not applicable. FLAMMABILITY LIMITS (%): VAPOUR PRESSURE (mmHg): Not applicable. **VAPOUR DENSITY:** Not applicable. Not applicable. DENSITY (q/mL @ 15°C):

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

AUTO-IGNITION TEMP (°C): Not applicable.

DECOMPOSITION TEMP (°C): No data available.

VISCOSITY (cSt @ 100°C): Not applicable.

VISCOSITY (cSt @ 40°C): Not applicable.

**SOLUBILITY IN WATER (g/L):** No data available.

## **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:** None known. 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 storing the

container in high humidity conditions

10.5 INCOMPATIBLE

**MATERIALS:** No data available.

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 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.

During normal usage ingestion should not be a means of exposure.

11.3 SKIN CORROSION/

IRRITATION: This product is not expected to exhibit Dermal Corrosivity/Irritation, based on the

available data and the known hazards of the components. May be mildly irritating to the skin. This product contains components that are rated as Causes skin irritation, however these are present at amounts well below the Concentration cut-off levels. Correct handling procedures should minimise the risk of skin corrosion/irritation. People with pre-existing skin conditions, such as dermatitis, should take extreme care so as not to exacerbate the condition.

## SECTION 11 – TOXICOLOGICAL INFORMATION Continued

#### 11.4 SERIOUS EYE DAMAGE/

**IRRITATION**:

This product is not expected to exhibit Eye Irritation or Serious Damage/ Corrosivity, based on the available data and the known hazards of the components. May be mildly irritating to the eyes. Symptoms may include localised burning, redness and tearing. This product contains components that are rated as Causes serious eye damage and irritation, however these are present at amounts well below the Concentration cut-off levels. Correct handling procedures incorporating appropriate eye protection should minimise the risk of eye irritation.

11.5 RESPIRATORY OR SKIN SENSITISATION:

This product is not expected to be a skin sensitiser, based on the available data and the known hazards of the components. This product is not expected to be a respiratory tract sensitiser, based on the available data and the known hazards of the components.

11.6 GERM CELL **MUTAGENICITY:** 

This product is not expected to be mutagenic, based on the available data and the known hazards of the components. This product contains Phenolphthalein that is rated as Suspected of causing genetic defects, however this is present at amounts below the Concentration cut-off level.

11.7 CARCINOGENICITY:

This product is not expected to be a carcinogen, based on the available data and the known hazards of the components. This product contains Phenolphthalein that is rated as May cause cancer, however this is present at amounts below the Concentration cut-off level.

11.8 REPRODUCTIVE TOXICITY:

This product is not expected to be a reproductive hazard, based on the available data and the known hazards of the components. This product contains Phenolphthalein that is rated as Suspected of damaging fertility, however this is present at amounts below the Concentration cut-off level.

### 11.9 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. This product is not expected to pose an irritation hazard at ambient temperature or under normal handling conditions. This product contains several components that are rated as May cause respiratory irritation, however these are present at amounts below the Concentration cut-off levels.

#### 11.10 SPECIFIC TARGET ORGAN TOXICITY (STOT) -

**REPEATED EXPOSURE:** 

This product is not expected to cause organ damage from prolonged or repeated exposure, based on the available data and the known hazards of the components. This product contains Potassium iodide that is rated as May cause damage to organs (thyroid gland) through prolonged or repeated oral exposure, however this is present at amounts below the Concentration cut-off levels.

11.11 ASPIRATION HAZARD: This product is not expected to be an aspiration hazard, based on the available data and the known hazards of the components.

11.12 OTHER INFORMATION: The product is a test strip that is impregnated with chemical constituents. Though the product contains a number of constituents with associated hazards they are all present at levels of <0.1%. Secondary contact may be a means of exposure if the test strips are handled on the chemical constituent end and the hands are not washed thoroughly after such contact.

## **SECTION 12 – ECOLOGICAL INFORMATION**

**12.1 ECOTOXICITY:** There is no data available for the product as a whole. One of the components

have been rated as Toxic to aquatic life with long lasting effects and another as Harmful to aquatic life with long lasting effects. Based upon calculated values,

the overall product would not be expected to be rated.

12.2 PERSISTENCE & DEGRADABILITY: 12.3 BIOACCUMULATIVE

There is no data available for the product as a whole.

POTENTIAL:

There is no data available for the product as a whole.

12.4 MOBILITY IN SOIL:

There is no data available for the product as a whole.

12.5 OTHER ADVERSE EFFECTS:

There is no data available for the product as a whole. If large quantities enter

an aqueous environment, some of the chemicals may dissolve in 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. Large amounts of spilled product that cannot be recovered should be 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. 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 small amounts of residual chemical constituents.

They should be cleaned and then disposed of. In normal usage scenarios,

empty, cleaned containers can be disposed of in normal rubbish.

## **SECTION 14 – TRANSPORT INFORMATION**

This product is not regulated for land, sea or air transportation. (HS Code: 3822.00.11)

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:
MONTREAL PROTOCOL:
STOCKHOLM CONVENTION:
ROTTERDAM CONVENTION:
BASEL CONVENTION:

All ingredients are on the AICS List.
Not applicable to this product.
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:

**GHS CLASSIFICATION HAZARD CLASS & CATEGORY** 

AND HAZARD STATEMENT: Acute Toxicity - Oral - Category 3; H301 - Toxic if swallowed.

Acute Toxicity - Oral Category 4; H302 - Harmful if swallowed.

Skin Corrosion/Irritation Category 1B; H314 - Causes severe skin burns and

eye damage.

Skin Corrosion/Irritation Category 2; H315 - Causes skin irritation.

Serious Eye Damage/Irritation Category 1; H318 - Causes serious eye damage. Serious Eye Damage/Irritation Category 2A; H319 - Causes serious eye irritation.

Specific Target Organ Toxicity (Single Exposure) Category 3; H335 - May

cause respiratory irritation.

Germ Cell Mutagenicity Category 2; H341 - Suspected of causing genetic defects.

Carcinogenicity Category 1B; H350 - May cause cancer.

Toxic to Reproduction Category 2; H361f - Suspected of damaging fertility. Specific Target Organ Toxicity (Single Exposure) Category 2; H371 - May cause damage to organs.

Specific Target Organ Toxicity (Repeated Exposure) Category 1; H372 - Causes damage to organs (thyroid gland) through prolonged or repeated oral exposure.

Chronic Aquatic Toxicity Category 2; H411 - Toxic to aquatic life with long

lasting effects.

Chronic Aquatic Toxicity Category 3; H412 - Harmful to aquatic life with long lasting effects.

**HSNO APPROVAL NUMBER:** Not Applicable.

**HSNO GROUP TITLE:** Not Applicable.

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

**SDS INFORMATION:** 

Date of SDS Preparation: 4th July 2016 Revision: 0.1

**REVISION CHANGES:** Initial preparation of new SDS format.

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

%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 Emergency action code of numbers and letters which gives information to emergency services

NOHSC National Occupational Health and Safety Commission

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.