

Australian statement of hazardous nature: Classified as hazardous according to criteria of Safe Work Australia

Section 1 - Identification

Product Name Reconditioning kit for all NanoDrop models

Product Code NDTPR1-KIT

Address ThermoFisher Scientific Australia Pty Ltd

> 5 Caribbean Drive, Scoresby VICTORIA 3179, Australia

Emergency Tel. **CHEMTREC®**

03 9757 4559 or +613 9757 4559

Telephone / Fax Numbers Tel: 1300 735 292

Fax: 1800 067 639

E-mail address ANZinfo@thermofisher.com

Recommended Use Laboratory chemicals.

Uses advised against This product does not contain any substance(s) on the Illicit Drug Precursors/Reagents list.

This product does not contain any substance(s) subject to Prohibition, Authorization or Restriction. This product contains one or more substance(s) listed on the voluntary

National Code of Practice for Chemicals of Security Concern.

Section 2 - Hazard(s) Identification

Classification under Safe Work Australia

Classified as hazardous according to criteria of Safe Work Australia

Physical hazards

No hazards identified

Health hazards

Aspiration Toxicity Category 1 Skin Corrosion/Irritation Category 2 Serious Eye Damage/Eye Irritation Category 2 Specific target organ toxicity - (repeated exposure) Category 1

Environmental hazards

No hazards identified

Label Elements





AUS-001415 Version 2 14-Jul-2023 Page 1/11 Signal Word Danger

Hazard Statements

H304 - May be fatal if swallowed and enters airways

H315 - Causes skin irritation

H319 - Causes serious eye irritation

H372 - Causes damage to organs through prolonged or repeated exposure

Precautionary Statements

P201 - Obtain special instructions before use

P202 - Do not handle until all safety precautions have been read and understood

P260 - Do not breathe dust/fume/gas/mist/vapors/spray

P264 - Wash face, hands and any exposed skin thoroughly after handling

P270 - Do not eat, drink or smoke when using this product

P280 - Wear eye protection/ face protection

P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P308 + P313 - IF exposed or concerned: Get medical advice/attention

P331 - Do NOT induce vomiting

P332 + P313 - If skin irritation occurs: Get medical advice/attention

P362 + P364 - Take off contaminated clothing and wash it before reuse

P403 - Store in a well-ventilated place

P501 - Dispose of contents/ container to an approved waste disposal plant

Other information

This product does not contain any known or suspected endocrine disruptors

Section 3 - Composition and Information on Ingredients

Component	CAS No	Weight %
Petroleum distillates, hydrotreated light	64742-47-8	25-50
Aluminum oxide	1344-28-1	25-50
Triethanolamine	102-71-6	<10
Tall oil fatty acids	61790-12-3	<10
Solvent naphtha (petroleum), medium aliphatic	64742-88-7	<10
Hexylene glycol	107-41-5	<10

Section 4 - First Aid Measures

Inhalation Risk of serious damage to the lungs (by aspiration).

Ingestion Do NOT induce vomiting. Call a physician or poison control center immediately. If vomiting

occurs naturally, have victim lean forward.

Skin Contact Wash off immediately with soap and plenty of water while removing all contaminated

clothes and shoes.

Eye ContactRinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.

Consult a physician.

Self-Protection of the First Aider Ensure that medical personnel are aware of the material(s) involved, take precautions to

protect themselves and prevent spread of contamination.

AUS-001415 Version 2 14-Jul-2023 Page 2/11

First Aid Facilities Eyewash, safety shower and washroom.

Most important symptoms and

effects

No information available.

Notes to Physician Treat symptomatically.

Section 5 - Fire Fighting Measures

Suitable Extinguishing Media

Water mist may be used to cool closed containers.

Extinguishing media which must not be used for safety reasons

No information available.

Specific Hazards Arising from the Chemical

Combustible material. Containers may explode when heated.

Special protective equipment and precautions for fire fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

Section 6 - Accidental Release Measures

Emergency procedures

Remove all sources of ignition. Take precautionary measures against static discharges.

Environmental Precautions

See Section 12 for additional Ecological Information. Do not flush into surface water or sanitary sewer system.

Methods for Containment and Clean Up

Clean-up methods - small spillage

Remove all sources of ignition.

Clean-up methods - large spillage

Typically only supplied is small quantiites as packaged goods.

If extremely toxic or used in larger quantities ensure a spillage action plan is in place. Evacuate area. Control the source and/or contain the spill if safe and able to do so. Use temporary diking, sand bags, dry sand, earth or proprietary booms/absorbent pads if available. Obtain advice on containment, neutralisation and clean-up from local emergency responders.

Reference to Other Sections

Refer to protective measures listed in Sections 8 and 13.

Section 7 - Handling and Storage

Precautions for Safe Handling

Keep away from open flames, hot surfaces and sources of ignition.

Conditions for Safe Storage, Including any Incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks and flame.

AS/NZS 2243.10:2004, Safety in laboratories - Storage of chemicals

AS 1940-2004 - The storage and handling of flammable and combustible liquids

AUS-001415 Version 2 14-Jul-2023 Page 3 / 11

Section 8 - Exposure Controls and Personal Protection

Exposure limits

AUS - Exposure Standards for Atmospheric Contaminants in the Occupational Environment - Guidance Note on the Interpretation of Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:3008(1995)] Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)] updated in August, 2005. Safe Work Australia

ACGIH - Threshold Limit Values - Ceiling (TLV-C) guidelines by the American Conference of Governmental Industrial Hygienists (ACGIH) for controlling worker exposure to airborne chemical concentrations in the workplace.

UK - EH40/2005 Work Exposure Limits, Fourth edition. Published 2020.

DE - MAK and BAT values of Hazardous Chemical Compounds in the Work Area. Published by German Research Foundation on July 1, 2011

NZ - Workplace Exposure Standards and Biological Exposure Indices (6th edition). New Zealand Department of Labor

Component	Australia	New Zealand WEL	ACGIH TLV	The United Kingdom	Germany
Petroleum distillates,					TWA: (8 Stunden).
hydrotreated light					AGW -
					TWA: 5 mg/m³ (8
					Stunden). MAK aerosols
					TWA: 50 ppm (8
					Stunden). MAK vapor
					TWA: 350 mg/m ³ (8
					Stunden). MAK vapor
					Höhepunkt: 20 mg/m ³
					Höhepunkt: 100 ppm
					Höhepunkt: 700 mg/m ³
Aluminum oxide	TWA: 10 mg/m ³	TWA: 10 mg/m ³	TWA: 1 mg/m ³	STEL: 30 mg/m ³ 15 min	TWA: 1.25 mg/m ³ (8
				STEL: 12 mg/m ³ 15 min	Stunden). AGW -
				TWA: 10 mg/m ³ 8 hr	exposure factor 2
				TWA: 4 mg/m ³ 8 hr	TWA: 10 mg/m ³ (8
					Stunden). AGW -
					exposure factor 2
					TWA: 4 mg/m³ (8
					Stunden). MAK
					TWA: 1.5 mg/m³ (8
					Stunden). MAK
Triethanolamine	TWA: 5 mg/m ³	TWA: 5 mg/m ³	TWA: 5 mg/m ³		TWA: 1 mg/m³ (8
					Stunden). AGW -
					exposure factor 1
					TWA: 1 mg/m³ (8
					Stunden). MAK can
					occur as vapor and aerosol at the same
					time
					Höhepunkt: 1 mg/m ³
Llovadono alvool		Cailing: 2F nnm	TM/A : 25 nnm	CTEL: 25 nom 15 min	
Hexylene glycol		Ceiling: 25 ppm Ceiling: 121 mg/m ³	TWA: 25 ppm	STEL: 25 ppm 15 min STEL: 123 mg/m ³ 15	TWA: 10 ppm (8
		Celling: 121 mg/m ³	STEL: 50 ppm STEL: 10 mg/m ³	min	Stunden). MAK can occur as vapor and
			STEL. 10 Hig/III	TWA: 25 ppm 8 hr	aerosol at the same
				TWA: 23 ppin 6 m TWA: 123 mg/m ³ 8 hr	time
				1 VVA. 123 IIIg/III- 0 III	TWA: 49 mg/m ³ (8
					Stunden). MAK can
					occur as vapor and
					aerosol at the same
					time
					Höhepunkt: 20 ppm
					Höhepunkt: 98 mg/m ³
		1			110110parint. 00 mg/m

Biological limit values

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

Exposure Controls

Engineering Measures

Ensure that eyewash stations and safety showers are close to the workstation location. Ensure adequate ventilation, especially in confined areas.

AUS-001415 Version 2 14-Jul-2023 Page 4/11

Wherever possible, engineering control measures such as the isolation or enclosure of the process, the introduction of process or equipment changes to minimise release or contact, and the use of properly designed ventilation systems, should be adopted to control hazardous materials at source

Personal protective equipment

Eye Protection Goggles (Australian/New Zealand Standard AS/NZS 1337 - Eye protectors for Industrial

applications)

Hand Protection Protective gloves

Glove material	Breakthrough time	Glove thickness	AUS/NZ Standard	Glove comments	
Disposable gloves	See manufacturers	-	AS/NZS 2161	(minimum requirement)	l
	recommendations				ı

Inspect gloves before use.

Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. (Refer to manufacturer/supplier for information)

Ensure gloves are suitable for the task: Chemical compatability, Dexterity, Operational conditions, User susceptibility, e.g. sensitisation effects, also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion.

Remove gloves with care avoiding skin contamination.

Skin and body protection Long sleeved clothing

Repiratory Protection Use an AS/NZS 1716 approved respirator if exposure limits are exceeded or if irritation or

other symptoms are experienced. To protect the wearer, respiratory protective equipment must be the correct fit and be used and maintained in line with AS/NZS 1715 on the use

Solid

and maintenance of repiratory protective devices (or AUS/NZ equivalent)

When RPE is used a face piece Fit Test should be conducted

Hygiene Measures Handle in accordance with good industrial hygiene and safety practice.

Environmental exposure controls Prevent product from entering drains. Do not allow material to contaminate ground water

system.

Section 9 - Physical and Chemical Properties

Information on basic physical and chemical properties

Appearance White Physical State Solid

Evaporation Rate

Odor
Odor Threshold
PH
No information available
No data available
No information available
No information available
No information available
Softening Point/Range
Softening Point/Range
No information available

Flash Point 90 °C / 194 °F Method - No information available

Not applicable So

Flammability (solid,gas)

No information available

Explosion Limits No data available

Vapor PressureNo data availableVapor DensityNot applicable

Specific Gravity / Density
Bulk Density
Water Solubility
Solubility in other solvents
No data available
No data available
No information available
No information available

Partition Coefficient (n-octanol/water)
Component log Pow
Triethanolamine -2.53

AUS-001415 Version 2 14-Jul-2023 Page 5 / 11

Reconditioning kit for all NanoDrop models

SAFETY DATA SHEET

Tall oil fatty acids 5.98 Hexylene glycol 0.14

Autoignition Temperature

Decomposition Temperature

Not applicable
No data available

ViscosityNot applicableSolidExplosive Propertiesexplo

Oxidizing Properties No information available

explosive air/vapour mixtures possible

Other information

Section 10 - Stability and Reactivity

Reactivity None known, based on information available

Stability Stable under normal conditions.

Conditions to Avoid Keep away from open flames, hot surfaces and sources of ignition.

Incompatible Materials None known.

Hazardous Decomposition Products None under normal use conditions.

Hazardous Polymerization No information available.

Section 11 - Toxicological Information

Information on Toxicological Effects

Product Information

(a) acute toxicity;

Oral Based on available data, the classification criteria are not met
Dermal Based on available data, the classification criteria are not met
Inhalation Based on available data, the classification criteria are not met

Toxicology data for the components

Component	LD50 Oral	LD50 Dermal	LC50 Inhalation
Petroleum distillates, hydrotreated light	LD50 > 5000 mg/kg (Rat)	LD50 > 2000 mg/kg (Rabbit)	LC50 > 5.2 mg/L (Rat) 4 h
Aluminum oxide	> 5000 mg/kg (Rat) (OECD Guideline 401)		> 2.3 mg/l 4 h (OECD Guideline 403)
Triethanolamine	LD50 = 4190 mg/kg (Rat)	>16 mL/kg (Rat) >2000 mg/kg (Rabbit)	
Tall oil fatty acids	LD50 > 10000 mg/kg (Rat)		
Solvent naphtha (petroleum), medium aliphatic	LD50 > 25 mL/kg (Rat)	LD50 > 4000 mg/kg (Rabbit)	LC50 > 5.28 mg/L (Rat) 4 h
Hexylene glycol	LD50 = 3700 mg/kg (Rat)	LD50 = 12300 mg/kg (Rabbit)	LC50 > 310 mg/m ³ (Rat) 1 h

(b) skin corrosion/irritation; Category 2

(c) serious eye damage/irritation; Category 2

(d) respiratory or skin sensitization;

Respiratory No data available Skin No data available

AUS-001415 Version 2 14-Jul-2023 Page 6/11

(e) germ cell mutagenicity; No data available

(f) carcinogenicity; No data available

The table below indicates whether each agency has listed any ingredient as a carcinogen

Component	Australia	New Zealand	New South Wales	Western Australia	IARC	EU	UK	Germany
Aluminum oxide								Cat. 2 (Fibre
								dust)

(g) reproductive toxicity; No data available

(h) STOT-single exposure; No data available

(i) STOT-repeated exposure; Category 1

Target Organs No information available.

(j) aspiration hazard; Category 1

Symptoms / effects,both acute and No information available

delayed

Section 12 - Ecological Information

Ecotoxicity effects

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. The product contains following substances which are hazardous for the environment.

Component	Freshwater Fish	Water Flea	Freshwater Algae	Microtox
Petroleum distillates, hydrotreated light	LC50: = 2.4 mg/L, 96h static (Oncorhynchus mykiss) LC50: = 2.2 mg/L, 96h static (Lepomis macrochirus) LC50: = 45 mg/L, 96h flow-through (Pimephales promelas)			
Triethanolamine	LC50: 10600 - 13000 mg/L, 96h flow-through (Pimephales promelas) LC50: > 1000 mg/L, 96h static (Pimephales promelas) LC50: 450 - 1000 mg/L, 96h static (Lepomis macrochirus)		EC50: = 169 mg/L, 96h (Desmodesmus subspicatus) EC50: = 216 mg/L, 72h (Desmodesmus subspicatus)	EC50 > 10000 mg/L 30 min
Tall oil fatty acids			EC50: >= 1000 mg/L, 72h (Pseudokirchneriella subcapitata)	
Solvent naphtha (petroleum), medium aliphatic	LC50: = 800 mg/L, 96h static (Pimephales promelas)	EC50: > 100 mg/L, 48h (Daphnia magna)	EC50: = 450 mg/L, 96h (Pseudokirchneriella subcapitata)	
Hexylene glycol	LC50: 10500 - 11000 mg/L, 96h flow-through (Pimephales promelas) LC50: = 10000 mg/L,	EC50: 2700 - 3700 mg/L, 48h (Daphnia magna)		EC50 = 3038 mg/L 5 min

AUS-001415 Version 2 14-Jul-2023 Page 7/11

96h static (Lepomis		
macrochirus)		
LC50: = 8690 mg/L, 96h		
flow-through		
(Pimephales promelas)		
LC50: = 10700 mg/L,		
96h static (Pimephales		
promelas)		
. ,		

Persistence and Degradability Degradation in sewage treatment plant

Bioaccumulative Potential

No information available

Contains substances known to be hazardous to the environment or not degradable in waste water treatment plants.

No information available

Component	log Pow	Bioconcentration factor (BCF)
Petroleum distillates, hydrotreated light		61 - 159 dimensionless
Triethanolamine	-2.53	<3.9 dimensionless
Tall oil fatty acids	5.98	No data available
Hexylene glycol	0.14	No data available

Mobility

No information available.

Endocrine Disruptor Information Persistent Organic Pollutant Ozone Depletion Potential

This product does not contain any known or suspected endocrine disruptors

This product does not contain any known or suspected substance This product does not contain any known or suspected substance

Section 13 - Disposal Considerations

Waste from Residues/Unused **Products**

Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, are controlled wastes and should be disposed of in accordance with all federal, E.P.A., state and local regulations. Assure conformity with all applicable regulations.

Contaminated Packaging

Dispose of this container to hazardous or special waste collection point.

Other Information

Chemical wastes should be disposed through a licensed commercial waste collection service. Do not flush to sewer. Waste codes should be assigned by the user based on the

application for which the product was used. Do not empty into drains.

Section 14 - Transport Information

IMDG/IMO Not regulated

ADG Not regulated

IATA Not regulated

No hazards identified **Environmental hazards**

Special Precautions No special precautions required

Additional information None known

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture

AUS-001415 Version 2 14-Jul-2023 Page 8/11

National Regulations Australia

See section 8 for national exposure control parameters.

Standard for the Uniform Scheduling of Medicines and Poisons

Classified as a scheduled poison according to the Standard for Uniform Scheduling of Medicines and Poisons.

Component	Standard for the Uniform Scheduling of Medicines and Poisons
Petroleum distillates, hydrotreated light - 64742-47-8	Schedule 5 listed - including Kerosene, Diesel [distillate], Mineral turpentine, White petroleum spirit, Toluene, Xylene and light mineral and paraffin oils but except their derivative; except a) Toluene and Xylene when included in Schedule 6, b) Benzene and liquid aromatic hydrocarbons when included in Schedule 7, c) food grade and pharmaceutical grade White mineral oil, d) in solid or semi-solid preparations, e) in preparations containing <=25% of designated solvents, f) in preparations packed in pressurized spray packs, g) in adhesives packed in containers each containing <=50 grams of adhesive, h) in writing correction fluids and thinners for writing correction fluids packed in containers having a capacity of <=20 mL, or i) in other preparations when packed in containers with a capacity of <=2 mL
Triethanolamine - 102-71-6	Schedule 4 listed - when in preparations for tattoo removal Schedule 5 listed - except its salts and derivatives; except when in Schedule 4 or in preparations containing <=5% of Trolamine Schedule 5 listed - for use as curing agents for Epoxy resins except when separately specified in these Schedules

Australian Industrial Chemicals Introduction Scheme (AICIS)

Component	Australian Industrial Chemicals Introduction Scheme (AICIS)	Additional information
Petroleum distillates, hydrotreated light - 64742-47-8	Present	-
Aluminum oxide - 1344-28-1	Present	-
Triethanolamine - 102-71-6	Present	-
Tall oil fatty acids - 61790-12-3	Present	-
Solvent naphtha (petroleum), medium aliphatic - 64742-88-7	Present	-
Hexylene glycol - 107-41-5	Present	-

Australian - Illicit Drug Precursors/Reagents Substance List

This product does not contain any substance(s) on the Illicit Drug Precursors/Reagents list.

Chemicals of Security Concern

This product contains one or more substance(s) listed on the voluntary National Code of Practice for Chemicals of Security Concern

Component	Australian - Illicit Drug Precursors/Reagents Substance List	Chemicals of Security Concern
Triethanolamine - 102-71-6		Listed in Appendix A

Legend

Chemicals of Security Concern - for further information see http://www.chemicalsecurity.gov.au/securityconcerns

National pollutant inventory Not applicable

Prohibition or notification/licensing requirements

Shown below are details of specific prohibition/notifications or licencing requirements when they apply.

This product does not contain any substance(s) subject to Prohibition, Authorization or Restriction.

International Inventories

AUS-001415 Version 2 14-Jul-2023 Page 9/11

Component	AICS	NZIoC	EINECS	ELINCS	TSCA	DSL	NDSL	PICCS	ENCS	ISHL	IECSC	KECL
Petroleum distillates, hydrotreated light	Х	Х	265-149-8	-	Х	Х	-	Х	-		Х	KE-12550
Aluminum oxide	Х	Х	215-691-6	-	X	Х	-	Х	Х	Х	Х	KE-01012
Triethanolamine	X	Х	203-049-8	-	Х	Х	-	Х	Χ	Х	Х	KE-25940
Tall oil fatty acids	X	Х	263-107-3	-	X	Х	-	Х	Χ	Х	Х	KE-32785
Solvent naphtha (petroleum), medium aliphatic	Х	Х	265-191-7	-	Х	Х	-	Х	-		Х	KE-31664
Hexylene glycol	Х	Х	203-489-0	-	Х	Х	-	Х	Х	Х	Х	KE-24702

Legend: X - Listed. '-' - Not Listed. KECL - NIER number or KE number (http://ncis.nier.go.kr/en/main.do)

International Regulations

Ozone Depletion Potential This product does not contain any known or suspected substance

Persistent Organic Pollutant This product does not contain any known or suspected substance

Rotterdam Convention (PIC) Not applicable

Basel convention on the control of transboundary movements of hazardous wastes and their dispoal Not applicable.

Component	CAS No	OECD HPV	Restriction of Hazardous Substances (RoHS)	Seveso III Directive (2012/18/EC) - Qualifying Quantities for Major Accident Notification	Seveso III Directive (2012/18/EC) - Qualifying Quantities for Safety Report Requirements
Petroleum distillates, hydrotreated light	64742-47-8	Listed	Not applicable	Not applicable	Not applicable
Aluminum oxide	1344-28-1	Listed	Not applicable	Not applicable	Not applicable
Triethanolamine	102-71-6	Listed	Not applicable	Not applicable	Not applicable
Tall oil fatty acids	61790-12-3	Listed	Not applicable	Not applicable	Not applicable
Solvent naphtha (petroleum), medium aliphatic	64742-88-7	Listed	Not applicable	Not applicable	Not applicable
Hexylene glycol	107-41-5	Listed	Not applicable	Not applicable	Not applicable

Authorisation/Restrictions according to EU REACH

Component		REACH (1907/2006) - Annex XVII - Restrictions on Certain Dangerous Substances	
Hexylene glycol	-	Use restricted. See item 75.	-

https://echa.europa.eu/substances-restricted-under-reach

Section 16 - Other Information

Legend

AUS-001415 Version 2 14-Jul-2023 Page 10 / 11

Reconditioning kit for all NanoDrop models

SAFETY DATA SHEET

AICS - Australian Inventory of Chemical Substances

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

IECSC - Chinese Inventory of Existing Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

TWA - Time Weighted Average

IARC - International Agency for Research on Cancer

ICAO/IATA - International Civil Aviation Organization/International Air Transport Association

MARPOL - International Convention for the Prevention of Pollution from Ships

NZS 5433:2020 - Transport of Dangerous Goods on Land

LD50 - Lethal Dose 50%

EC50 - Effective Concentration 50%
WEL - Workplace Exposure Limit
DNEL - Derived No Effect Level

POW - Partition coefficient Octanol:Water **vPvB** - very Persistent, very Bioaccumulative

VOC - (Volatile Organic Compound)

NZIoC - New Zealand Inventory of Chemicals

EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS - Japanese Existing and New Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

CAS - Chemical Abstracts Service

ACGIH - American Conference of Governmental Industrial Hygienists

Predicted No Effect Concentration (PNEC)

IMO/IMDG - International Maritime Organization/International Maritime

Dangerous Goods Code

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

OECD - Organisation for Economic Co-operation and Development

LC50 - Lethal Concentration 50% ATE - Acute Toxicity Estimate

RPE - Respiratory Protective Equipment NOEC - No Observed Effect Concentration

BCF - Bioconcentration factor

PBT - Persistent, Bioaccumulative, Toxic

Key literature references and sources for data

https://echa.europa.eu/information-on-chemicals

Suppliers safety data sheet, Chemadvisor - LOLI, Merck index, RTECS

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Physical hazards
Health Hazards
Calculation method
Environmental hazards
Cn basis of test data
Calculation method

Training Advice

Chemical hazard awareness training, incorporating labelling, Safety Data Sheets (SDS), Personal Protective Equipment (PPE) and hygiene.

Revision Date 14-Jul-2023

Revision Summary Update to GHS format.

This Safety Data Sheet (SDS) is prepared in accordance to and complies with the requirements of Safe Work Australia - Work Health and Safety Regulations (WHS Regulations).

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

End of Safety Data Sheet

AUS-001415 Version 2 14-Jul-2023 Page 11 / 11