Safety Data Sheet

WESTOX CALOX

Westlegate Pty Ltd.Chemwatch Hazard Alert Code: 0Chemwatch: 5306-60Issue Date: 07/06/2018Version No: 2.1.1Print Date: 13/09/2018Safety Data Sheet according to WHS and ADG requirementsLGHS.AUS.EN

ESTO

BUILDING PRODUCTS

SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

Product Identifier

Product name	WESTOX CALOX	
Synonyms	Not Available	
Other means of identification	Not Available	
Relevant identified uses of the substance or mixture and uses advised against		

Relevant identified uses Specifically formulated as an additive to cement mortars to provide water repellency.

Details of the supplier of the safety data sheet

Registered company name	Westlegate Pty Ltd.
Address	16 Frost Road Campbelltown NSW 2560 Australia
Telephone	+61 2 4628 5010
Fax	+61 2 4628 5020
Website	www.westox.com
Email	info@westox.com

Emergency telephone number

Association / Organisation	Poisons Information Centre
Emergency telephone numbers	13 11 26 (24hr) (Australian Poisons Information Cantre), 000 (Police, Fire Brigade or Ambulance)
Other emergency telephone numbers	0800 764 766 (24hr) (NewZealand Poisons Information Centre), 111 (NZ Emergency Services)

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

	*		
Poisons Schedule	Not Applicable		
Classification ^[1]	Acute Aquatic Hazard Category 3		
Legend:	1. Classified by Chemwatch; 2. Classification drawn from HSIS; 3. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI		
Label elements			
Hazard pictogram(s)	Not Applicable		
SIGNAL WORD	NOT APPLICABLE		
Hazard statement(s)			
H402	Harmful to aquatic life.		
Precautionary statement(s) P	revention		
P273	Avoid release to the environment.		

Precautionary statement(s) Response

Not Applicable

Precautionary statement(s) Storage

Not Applicable

Precautionary statement(s) Disposal

P501 Dispose of contents/container in accordance with local regulations.

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substances

See section below for composition of Mixtures

Mixtures

CAS No	%[weight]	Name
2943-75-1	3-10	octyltriethoxysilane
7732-18-5	>90	water

SECTION 4 FIRST AID MEASURES

Description of first aid measures

Eye Contact	If this product comes in contact with eyes: Wash out immediately with water. If irritation continues, seek medical attention. Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.
Skin Contact	If skin or hair contact occurs: ► Flush skin and hair with running water (and soap if available). ► Seek medical attention in event of irritation.
Inhalation	 If fumes, aerosols or combustion products are inhaled remove from contaminated area. Other measures are usually unnecessary.
Ingestion	 Immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5 FIREFIGHTING MEASURES

Extinguishing media

The product contains a substantial proportion of water, therefore there are no restrictions on the type of extinguishing media which may be used. Choice of extinguishing media should take into account surrounding areas.

Though the material is non-combustible, evaporation of water from the mixture, caused by the heat of nearby fire, may produce floating layers of combustible substances.

- In such an event consider:
- foam.dry chemical powder.
- carbon dioxide.

Special hazards arising from the substrate or mixture

Fire Incompatibility None known.

Advice for firefighters

Fire Fighting	 Alert Fire Brigade and tell them location and nature of hazard. Wear breathing apparatus plus protective gloves in the event of a fire. Prevent, by any means available, spillage from entering drains or water courses. Use fire fighting procedures suitable for surrounding area. DO NOT approach containers suspected to be hot. Cool fire exposed containers with water spray from a protected location. If safe to do so, remove containers from path of fire. Equipment should be thoroughly decontaminated after use.
Fire/Explosion Hazard	 The material is not readily combustible under normal conditions. However, it will break down under fire conditions and the organic component may burn. Not considered to be a significant fire risk. Heat may cause expansion or decomposition with violent rupture of containers. Decomposes on heating and may produce toxic fumes of carbon monoxide (CO). May emit acrid smoke.
HAZCHEM	Not Applicable

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

See section 8

Environmental precautions

See section 12

Methods and material for containment and cleaning up

Minor Spills	 Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes. Control personal contact with the substance, by using protective equipment. Contain and absorb spill with sand, earth, inert material or vermiculite. Wipe up. Place in a suitable, labelled container for waste disposal.
Major Spills	 Moderate hazard. Clear area of personnel and move upwind. Alert Fire Brigade and tell them location and nature of hazard. Wear breathing apparatus plus protective gloves. Prevent, by any means available, spillage from entering drains or water course. Stop leak if safe to do so. Contain spill with sand, earth or vermiculite. Collect recoverable product into labelled containers for recycling. Neutralise/decontaminate residue (see Section 13 for specific agent). Collect solid residues and seal in labelled drums for disposal. Wash area and prevent runoff into drains. After clean up operations, decontaminate and launder all protective clothing and equipment before storing and re-using. If contamination of drains or waterways occurs, advise emergency services.

Personal Protective Equipment advice is contained in Section 8 of the SDS.

SECTION 7 HANDLING AND STORAGE

Precautions	for safe	handling
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Safe handling	 Avoid all personal contact, including inhalation. Wear protective clothing when risk of exposure occurs. Use in a well-ventilated area. Prevent concentration in hollows and sumps. DO NOT enter confined spaces until atmosphere has been checked. DO NOT allow material to contact humans, exposed food or food utensils. Avoid contact with incompatible materials. When handling, DO NOT eat, drink or smoke. Keep containers securely sealed when not in use. Avoid physical damage to containers. Always wash hands with soap and water after handling. Work clothes should be laundered separately. Launder contaminated clothing before re-use. Use good occupational work practice. Observe manufacturer's storage and handling recommendations contained within this SDS. Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained.
Other information	 Store in original containers. Keep containers securely sealed. Store in a cool, dry, well-ventilated area. Store away from incompatible materials and foodstuff containers. Protect containers against physical damage and check regularly for leaks. Observe manufacturer's storage and handling recommendations contained within this SDS.

Conditions for safe storage, including any incompatibilities

Suitable container	 Polyethylene or polypropylene container. Packing as recommended by manufacturer. Check all containers are clearly labelled and free from leaks.
Storage incompatibility	None known

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

OCCUPATIONAL EXPOSURE LIMITS (OEL)

INGREDIENT DATA

Not Available

EMERGENCY LIMITS

Ingredient	Material name	TEEL-1	TEEL-2	TEEL-3	
WESTOX CALOX	Not Available	Not Available	Not Available	Not Available	
Ingredient	Original IDLH		Revised IDLH		
octyltriethoxysilane	Not Available		Not Available		
water	Not Available		Not Available		

MATERIAL DATA

WESTOX CALOX

Appropriate engineering controls	Engineering controls are used to remove a hazard or place a barrier between the worker and the highly effective in protecting workers and will typically be independent of worker interactions to provide the process controls which involve changing the way a job activity or process is done to reduce the resolution and/or isolation of emission source which keeps a selected hazard "physically" away firemoves" air in the work environment. Ventilation can remove or dilute an air contaminant if desimatch the particular process and chemical or contaminant in use. Employers may need to use multiple types of controls to prevent employee overexposure. General exhaust is adequate under normal operating conditions. If risk of overexposure exists, wo obtain adequate protection. Provide adequate ventilation in warehouse or closed storage areas. varying "escape" velocities which, in turn, determine the "capture velocities" of fresh circulating a Type of Contaminant: solvent, vapours, degreasing etc., evaporating from tank (in still air) aerosols, fumes from pouring operations, intermittent container filling, low speed conveyer traracid fumes, pickling (released at low velocity into zone of active generation) direct spray, spray painting in shallow booths, drum filling, conveyer loading, crusher dusts, gar into zone of rapid air motion) grinding, abrasive blasting, tumbling, high speed wheel generated dusts (released at high initia	 hazard. Well-designed engineerir ovide this high level of protection. isk. rom the worker and ventilation that gned properly. The design of a vent vear SAA approved respirator. Corr Air contaminants generated in the v ir required to effectively remove the sisfers, welding, spray drift, plating as discharge (active generation al velocity into zone of very high 	ang controls can be strategically "adds" and ilation system must rect fit is essential to workplace possess e contaminant. Air Speed: 0.25-0.5 m/s (50-100 f/min) 0.5-1 m/s (100-200 f/min.) 1-2.5 m/s (200-500 f/min) 2.5-10 m/s
	rapid air motion).		(500-2000 f/min.)
	Within each range the appropriate value depends on:		
	Lower end of the range	Upper end of the range	
	1: Room air currents minimal or favourable to capture	1: Disturbing room air currents	
	2: Contaminants of low toxicity or of nuisance value only	2: Contaminants of high toxicity	
	3: Intermittent, low production.	3: High production, heavy use	
	4: Large hood or large air mass in motion 4: Small hood - local control only		
	Simple theory shows that air velocity rails rapidly with distance away from the opening of a simple square of distance from the extraction point (in simple cases). Therefore the air speed at the ext reference to distance from the contaminating source. The air velocity at the extraction fan, for ext extraction of solvents generated in a tank 2 meters distant from the extraction point. Other mech within the extraction apparatus, make it essential that theoretical air velocities are multiplied by fa or used.	 extraction pipe. Velocity generally irraction point should be adjusted, arample, should be a minimum of 1-2 anical considerations, producing pectors of 10 or more when extraction 	decreases with the ccordingly, after m/s (200-400 f/min.) for erformance deficits n systems are installed
Personal protection			
Eye and face protection	 Safety glasses with side shields Chemical goggles. Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands the proventity. [CNUSC] MOSE (MISE 1236 er entired environment only after workers have washed hands 		
Skin protection	See Hand protection below		
Hands/feet protection	The selection of suitable gloves does not only depend on the material, but also on further marks of Where the chemical is a preparation of several substances, the resistance of the glove material of checked prior to the application. The exact break through time for substances has to be obtained from the manufacturer of the profichoice. Personal hygiene is a key element of effective hand care. Gloves must only be worn on clean han thoroughly. Application of a non-perfumed moisturiser is recommended. Suitability and durability of glove type is dependent on usage. Important factors in the selection of frequency and duration of contact, chemical resistance of glove material, glove thickness and dexterity Select gloves tested to a relevant standard (e.g. Europe EN 374, US F739, AS/NZS 2161.1 or n When prolonged or frequently repeated contact may occur, a glove with a prote 240 minutes according to EN 374, AS/NZS 2161.10.1 or national equivalent) is recom When only brief contact is expected, a glove with a protection class of 3 or high to EN 374, AS/NZS 2161.10.1 or national equivalent) is recommended. Some glove polymer types are less affected by movement and this should be ta use. Contaminated gloves should be replaced. As defined in ASTM F-739-96 in any application, gloves are rated as: Excellent when breakthrough time > 20 min Fair when breakthrough time < 20 min Fair when glove material degrades For general applications, gloves with a thickness typically greater than 0.35 mm, are recommended th should be emphasised that glove thickness is not necessarily a good predictor of glove resista the glove will be dependent on the exact composition of the glove material. Therefore, glove select	if quality which vary from manufactu an not be calculated in advance an ective gloves and has to be observe ds. After using gloves, hands should f gloves include: ational equivalent). action class of 5 or higher (breakthro- mended. ier (breakthrough time greater than ken into account when considering ded. noe to a specific chemical, as the p ction should also be based on cons	urer to manufacturer. d has therefore to be ed when making a final d be washed and dried ough time greater than 60 minutes according gloves for long-term ermeation efficiency of ideration of the task

	requirements and knowledge of breakthrough times. Glove thickness may also vary depending on the glove manufacturer, the glove type and the glove model. Therefore, the manufacturers' technical data should always be taken into account to ensure selection of the most appropriate glove for the task. Note: Depending on the activity being conducted, gloves of varying thickness may be required for specific tasks. For example: Thinner gloves (down to 0.1 mm or less) may be required where a high degree of manual dexterity is needed. However, these gloves are only likely to give short duration protection and would normally be just for single use applications, then disposed of. Thicker gloves (up to 3 mm or more) may be required where there is a mechanical (as well as a chemical) risk i.e. where there is abrasion or puncture potential Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturiser is recommended
	▶ Wear chemical protective gloves, e.g. PVC.
	► Wear safety footwear or safety gumboots, e.g. Rubber
Body protection	See Other protection below
Other protection	 Overalls. P.V.C. apron. Barrier cream. Skin cleansing cream. Eve wash unit

Recommended material(s)

GLOVE SELECTION INDEX

Glove selection is based on a modified presentation of the:

"Forsberg Clothing Performance Index".

The effect(s) of the following substance(s) are taken into account in the *computer-generated* selection:

WESTOX CALOX

Material	CPI
BUTYL	A
NEOPRENE	A
VITON	A
NATURAL RUBBER	С
PVA	С

* CPI - Chemwatch Performance Index

A: Best Selection

B: Satisfactory; may degrade after 4 hours continuous immersion

C: Poor to Dangerous Choice for other than short term immersion

NOTE: As a series of factors will influence the actual performance of the glove, a final

selection must be based on detailed observation. -

* Where the glove is to be used on a short term, casual or infrequent basis, factors such as "feel" or convenience (e.g. disposability), may dictate a choice of gloves which might otherwise be unsuitable following long-term or frequent use. A qualified practitioner should be consulted.

Respiratory protection

Type A-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

Selection of the Class and Type of respirator will depend upon the level of breathing zone contaminant and the chemical nature of the contaminant. Protection Factors (defined as the ratio of contaminant outside and inside the mask) may also be important.

Required minimum protection factor	Maximum gas/vapour concentration present in air p.p.m. (by volume)	Half-face Respirator	Full-Face Respirator
up to 10	1000	A-AUS / Class1 P2	-
up to 50	1000	-	A-AUS / Class 1 P2
up to 50	5000	Airline *	-
up to 100	5000	-	A-2 P2
up to 100	10000	-	A-3 P2
100+			Airline**

* - Continuous Flow ** - Continuous-flow or positive pressure demand

A(All classes) = Organic vapours, B AUS or B1 = Acid gasses, B2 = Acid gas or hydrogen cyanide(HCN), B3 = Acid gas or hydrogen cyanide(HCN), E = Sulfur dioxide(SO2), G = Agricultural chemicals, K = Ammonia(NH3), Hg = Mercury, NO = Oxides of nitrogen, MB = Methyl bromide, AX = Low boiling point organic compounds(below 65 degC)

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Appearance	Liquid; mixes with water.		
Physical state	Liquid	Relative density (Water = 1)	1.0
Odour	Not Available	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Applicable
pH (as supplied)	7-8 @ 25 degC	Decomposition temperature	Not Available
Melting point / freezing point (°C)	Not Available	Viscosity (cSt)	Not Available
Initial boiling point and boiling range (°C)	Not Available	Molecular weight (g/mol)	Not Applicable
Flash point (°C)	Not Applicable	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Not Applicable	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Applicable	Surface Tension (dyn/cm or mN/m)	Not Available
Lower Explosive Limit (%)	Not Applicable	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water (g/L)	Miscible	pH as a solution (1%)	Not Available
Vapour density (Air = 1)	Not Available	VOC g/L	Not Available

SECTION 10 STABILITY AND REACTIVITY

Reactivity See section 7

 Unstable in the presence of incompatible materials. Product is considered stable. Hazardous polymerisation will not occur.
See section 7
See section 7
See section 7
See section 5

SECTION 11 TOXICOLOGICAL INFORMATION

1

Information on toxicological effects

Inhaled	The material is not thought to produce adverse h Nevertheless, good hygiene practice requires tha Not normally a hazard due to non-volatile nature of	ealth effects or irritation of the respiratory tract (as classified by EC Directives using animal models). exposure be kept to a minimum and that suitable control measures be used in an occupational setting. f product	
Ingestion	The material has NOT been classified by EC Dir corroborating animal or human evidence. The m pre-existing organ (e.g liver, kidney) damage is e mortality rather than those producing morbidity (o setting however, ingestion of insignificant quantit	ectives or other classification systems as "harmful by ingestion". This is because of the lack of terial may still be damaging to the health of the individual, following ingestion, especially where vident. Present definitions of harmful or toxic substances are generally based on doses producing isease, ill-health). Gastrointestinal tract discomfort may produce nausea and vomiting. In an occupational es is not thought to be cause for concern.	
Skin Contact	The material is not thought to produce adverse h Nevertheless, good hygiene practice requires tha Open cuts, abraded or irritated skin should not be Entry into the blood-stream through, for example, the skin prior to the use of the material and ensure	ealth effects or skin irritation following contact (as classified by EC Directives using animal models). exposure be kept to a minimum and that suitable gloves be used in an occupational setting. exposed to this material cuts, abrasions, puncture wounds or lesions, may produce systemic injury with harmful effects. Examine that any external damage is suitably protected.	
Eye	Although the liquid is not thought to be an irritant (as classified by EC Directives), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).		
Chronic	Limited evidence suggests that repeated or long- systems.	erm occupational exposure may produce cumulative health effects involving organs or biochemical	
	TOXICITY	IRRITATION	
WESTOX CALOX	Not Available	Not Available	
	TOXICITY	IRRITATION	
octyltrietnoxysilane	Not Available	Not Available	
	TOXICITY	IRRITATION	
water	Not Available	Not Available	
Legend:	 Value obtained from Europe ECHA Registered data extracted from RTECS - Register of Toxic E 	Substances - Acute toxicity 2.* Value obtained from manufacturer's SDS. Unless otherwise specified ffect of chemical Substances	

OCTYLTRIETHOXYSILANE	concentrations of irritating substance (often particulate in nature) and is completely reversible after dyspnea, cough and mucus production. For alkoxysilanes: Low molecular weight alkoxysilanes (including alkyl orthosilicates) are a known concern for lung to irreversible lung damage at low doses. Alkoxysilane groups that rapidly hydrolyse when in contact with water, result in metabolites that ma be signs of irritation under different test conditions, based on the available information, the alkoxys The trimethoxysilane group of chemicals have previously been associated with occupational eye inr inflammation of the cornea . Based on the collective information, these substances are likely to be : Methoxysilanes are generally reported to possess higher reactivity and toxicity compared to ethoxy.	r exposure ceases. The disorder is characterised by excitive due to inhalation of vapours or aerosols causing any only cause mild skin irritation. Although there appears to silanes cannot be readily classified as a skin irritant. Itation in exposed workers who experienced severe severe irritants to the eyes. Silanes: some methoxysilanes appear to be carcinogenic
	In the US, alkoxysilanes with alkoxy groups greater than C2 are classified as moderate concern. Based on available information on methoxysilanes, the possibility that this family causes skin sensi methoxysilanes have previously been implicated as a cause of occupational contact dermatitis, ofte involved in the manufacture or use of the resins containing the chemical during fibreglass product	tisation cannot be ruled out. Amine-functional n as a result of repeated skin exposure with workers ion.
OCTYLTRIETHOXYSILANE & WATER	In the US, alkoxysilanes with alkoxy groups greater than C2 are classified as moderate concern. Based on available information on methoxysilanes, the possibility that this family causes skin sensi methoxysilanes have previously been implicated as a cause of occupational contact dermatitis, ofte involved in the manufacture or use of the resins containing the chemical during fibreglass product No significant acute toxicological data identified in literature search.	tisation cannot be ruled out. Amine-functional n as a result of repeated skin exposure with workers ion.
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OCTYLTRIETHOXYSILANE & WATER Acute Toxicity Skin Irritation/Corrosion	In the US, alkoxysilanes with alkoxy groups greater than C2 are classified as moderate concern. Based on available information on methoxysilanes, the possibility that this family causes skin sensimethoxysilanes have previously been implicated as a cause of occupational contact dermatitis, ofter involved in the manufacture or use of the resins containing the chemical during fibreglass product No significant acute toxicological data identified in literature search. O Carcinogenicity O Reproductivity	tisation cannot be ruled out. Amine-functional n as a result of repeated skin exposure with workers ion.

WESTOX CALOX

Respiratory or Skin sensitisation	\otimes	STOT - Repeated Exposure	\odot	
Mutagenicity	\otimes	Aspiration Hazard	\odot	
		Legend: X	Legend: X − Data available but does not fill the criteria for classification → − Data available to make classification → − Data vallable to make classification	

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
WESTOX CALOX	Not Available	Not Available	Not Available	Not Available	Not Available
	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
octyltriethoxysilane	LC50	96	Fish	>0.055mg/L	2
	EC50	48	Crustacea	>0.049mg/L	2
	EC50	72	Algae or other aquatic plants	>1.2mg/L	2
	NOEC	48	Crustacea	>=0.049mg/L	2
	ENDPOINT	TEST DURATION (HR)	SPECIES	VALUE	SOURCE
water	Not Available	Not Available	Not Available	Not Available	Not Available

Harmful to aquatic organisms.

DO NOT discharge into sewer or waterways.

Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
octyltriethoxysilane	HIGH	HIGH
water	LOW	LOW

(Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data

Bioaccumulative potential

Ingredient	Bioaccumulation
octyltriethoxysilane	MEDIUM (LogKOW = 4.2394)
water	LOW (LogKOW = -1.38)

Mobility in soil

Ingredient	Mobility
octyltriethoxysilane	LOW (KOC = 187100)
water	LOW (KOC = 14.3)

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

	Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area. In
	A Hierarchy of Controls seems to be common - the user should investigate:
	▶ Reduction
	▶ Reuse
	► Recycling
	 Disposal (if all else fails)
	This material may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may
	be possible to reclaim the product by filtration, distillation or some other means. Shelf life considerations should also be applied in making decisions of this
Broduct / Bookaging disposal	type. Note that properties of a material may change in use, and recycling or reuse may not always be appropriate.
Product / Packaging disposal	DO NOT allow wash water from cleaning or process equipment to enter drains.
	It may be necessary to collect all wash water for treatment before disposal.
	In all cases disposal to sewer may be subject to local laws and regulations and these should be considered first.
	Where in doubt contact the responsible authority.
	Recycle wherever possible.
	Consult manufacturer for recycling options or consult local or regional waste management authority for disposal if no suitable treatment or disposal
	facility can be identified.
	 Dispose of by: burial in a land-fill specifically licensed to accept chemical and / or pharmaceutical wastes or incineration in a licensed apparatus (after admixture with suitable combustible material).
	Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed.

SECTION 14 TRANSPORT INFORMATION

Labels Required

Marine Pollutant	NO
HAZCHEM	Not Applicable

Land transport (ADG): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

SECTION 15 REGULATORY INFORMATION

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

OCTYLTRIETHOXYSILANE(2943-75-1) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Inventory of Chemical Substances (AICS)

WATER(7732-18-5) IS FOUND ON THE FOLLOWING REGULATORY LISTS

Australia Inventory of Chemical Substances (AICS)

National Inventory Status

National Inventory	Status
Australia - AICS	Y
Canada - DSL	Y
Canada - NDSL	N (water; octyltriethoxysilane)
China - IECSC	Y
Europe - EINEC / ELINCS / NLP	Y
Japan - ENCS	Y
Korea - KECI	Y
New Zealand - NZIoC	Y
Philippines - PICCS	Y
USA - TSCA	Y
Legend:	Y = All ingredients are on the inventory N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets)

SECTION 16 OTHER INFORMATION

Revision Date	07/06/2018
Initial Date	07/06/2018

Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chernwatch Classification committee using available literature references.

The SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

Definitions and abbreviations

PC -- TWA: Permissible Concentration-Time Weighted Average PC -- STEL: Permissible Concentration-Short Term Exposure Limit IARC: International Agency for Research on Cancer ACGIH: American Conference of Governmental Industrial Hygienists STEL: Short Term Exposure Limit TEEL: Temporary Emergency Exposure Limit, IDLH: Immediately Dangerous to Life or Health Concentrations OSF: Odour Safety Factor NOAEL :No Observed Adverse Effect Level LOAEL: Lowest Observed Adverse Effect Level LOAEL: Lowest Observed Adverse Effect Level LOD: Limit of Detection OTV: Odour Threshold Value BCF: BioConcentration Factors BEI: Biological Exposure Index

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