

# **Neutral Cleaner Nowchem**

Version No: 1.1 Safety Data Sheet according to WHS and ADG requirements Chemwatch Hazard Alert Code: 0

Issue Date: 04/04/2016 Revision Date: 10/02/2021 L.GHS.AUS.EN

# SECTION 1 Identification of the substance / mixture and of the company / undertaking

#### **Product Identifier**

Product name	Neutral Cleaner
Chemical Name	Not Applicable
Synonyms	Not Available
Other means of identification	Not Available

#### Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses	Suitable for hard floor surfaces including: floor boards, tiles, vinyl and laminates.
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#### Details of the supplier of the safety data sheet

Registered company name	Nowchem
Address	112A Albatross Road NSW Australia
Telephone	(02) 4421 4099
Fax	(02) 4421 4932
Website	www.nowchem.com.au
Email	sales@nowchem.com.au

#### **Emergency telephone number**

Association / Organisation	Nowchem
Emergency telephone numbers	(02) 4421 4099
Other emergency telephone numbers	0413 809 255

#### **SECTION 2 Hazards identification**

# Classification of the substance or mixture

HAZARDOUS CHEMICAL. NON-DANGEROUS GOODS. According to the WHS Regulations and the ADG Code.

#### ChemWatch Hazard Ratings

	Min	Max	
Flammability	0		
Toxicity	0		0 = Minimum
Body Contact	0		1 = Low
Reactivity	0		2 = Moderate
Chronic	0		3 = High 4 = Extreme

Poisons Schedule	Not Applicable
Classification [1]	Eye Irritation Category 2A
Legend:	1. Classified by Chemwatch; 2. Classification drawn from HCIS; 3. Classification drawn from Regulation (EU) No 1272/2008 - Annex VI

#### Label elements

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Signal word

Warning

#### Hazard statement(s)

#### Precautionary statement(s) General

P101	If medical advice is needed, have product container or label at hand.	
P102	Keep out of reach of children.	
P103	Read carefully and follow all instructions.	

#### Precautionary statement(s) Prevention

P101	If medical advice is needed, have product container or label at hand.
P102	Voor out of reach of abildren
P102	Keep out of reach of children.
P103	Read label before use.
P280	Wear protective gloves/eye protection when appropriate.

#### Precautionary statement(s) Response

P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.	
P337+P313	If eye irritation persists: Get medical advice/attention.	

#### Precautionary statement(s) Storage

Not Applicable

# Precautionary statement(s) Disposal

Not Applicable

# **SECTION 3 Composition / information on ingredients**

#### Substances

See section below for composition of Mixtures

#### Mixtures

CAS No	%[weight]	Name
7758-29-4	<10	sodium tripolyphosphate
1300-72-7	<10	sodium xylenesulfonate
9002-92-0	<1	lauryl alcohol, ethoxylated
60-00-4	<1	EDTA

# **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 contact occurs:  Immediately remove all contaminated clothing, including footwear.  Flush skin and hair with running water (and soap if available).  Seek medical attention in event of irritation.
Inhalation	<ul> <li>If fumes, aerosols or combustion products are inhaled remove from contaminated area.</li> <li>Other measures are usually unnecessary.</li> </ul>
Ingestion	<ul> <li>Immediately give a glass of water.</li> <li>First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.</li> </ul>

#### Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

# **SECTION 5 Firefighting measures**

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- ▶ There is no restriction on the type of extinguisher which may be used.
- Use extinguishing media suitable for surrounding area.

#### Special hazards arising from the substrate or mixture

Special nazarus arising from ti	ne substrate of mixture
Fire Incompatibility	None known.
Advice for firefighters	
Fire Fighting	<ul> <li>Alert Fire Brigade and tell them location and nature of hazard.</li> <li>Wear breathing apparatus plus protective gloves in the event of a fire.</li> <li>Prevent, by any means available, spillage from entering drains or water courses.</li> <li>Use fire fighting procedures suitable for surrounding area.</li> <li>DO NOT approach containers suspected to be hot.</li> <li>Cool fire exposed containers with water spray from a protected location.</li> <li>If safe to do so, remove containers from path of fire.</li> <li>Equipment should be thoroughly decontaminated after use.</li> </ul>
Fire/Explosion Hazard	<ul> <li>Non combustible.</li> <li>Not considered a significant fire risk, however containers may burn.</li> <li>May emit poisonous fumes.</li> <li>May emit corrosive fumes.</li> </ul>
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	Environmental hazard - contain spillage.  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	Environmental hazard - contain spillage.  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	
Safe handling	<ul> <li>Avoid all personal contact, including inhalation.</li> <li>Wear protective clothing when risk of exposure occurs.</li> <li>Use in a well-ventilated area.</li> <li>Avoid contact with moisture.</li> <li>Avoid contact with incompatible materials.</li> <li>When handling, DO NOT eat, drink or smoke.</li> <li>Keep containers securely sealed when not in use.</li> <li>Avoid physical damage to containers.</li> <li>Always wash hands with soap and water after handling.</li> <li>Work clothes should be laundered separately. Launder contaminated clothing before re-use.</li> <li>Use good occupational work practice.</li> <li>Observe manufacturer's storage and handling recommendations contained within this SDS.</li> <li>Atmosphere should be regularly checked against established exposure standards to ensure safe working conditions are maintained.</li> <li>DO NOT allow clothing wet with material to stay in contact with skin</li> </ul>
Other information	

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Suitable container	<ul> <li>Polyethylene or polypropylene container.</li> <li>Packing as recommended by manufacturer (HDPE).</li> <li>Check all containers are clearly labelled and free from leaks.</li> </ul>
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
sodium tripolyphosphate	Sodium tripolyphosphate	0.61 mg/m3	6.8 mg/m3	620 mg/m3
lauryl alcohol, ethoxylated	Brij-35; (alpha-Dodecyl-omega-hydroxypoly(oxyethylene))	2.9 mg/m3	31 mg/m3	200 mg/m3
EDTA	Ethylenediaminetetraacetic acid; (EDTA)	4.1 mg/m3	45 mg/m3	200 mg/m3

Ingredient	Original IDLH	Revised IDLH
sodium tripolyphosphate	Not Available	Not Available
sodium xylenesulfonate	Not Available	Not Available
lauryl alcohol, ethoxylated	Not Available	Not Available
EDTA	Not Available	Not Available

#### Occupational Exposure Banding

Ingredient	Occupational Exposure Band Rating	Occupational Exposure Band Limit		
sodium tripolyphosphate	E	≤ 0.01 mg/m³		
sodium xylenesulfonate	E	≤ 0.01 mg/m³		
lauryl alcohol, ethoxylated	E	≤ 0.1 ppm		
EDTA	E	≤ 0.01 mg/m³		
Notes:	Occupational exposure banding is a process of assigning chemicals into specific categories or bands based on a chemical's potency and the			

Occupational exposure banding is a process of assigning chemicals into specific categories or bands based on a chemical's potency and the adverse health outcomes associated with exposure. The output of this process is an occupational exposure band (OEB), which corresponds to a range of exposure concentrations that are expected to protect worker health.

#### MATERIAL DATA

#### **Exposure controls**

Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection. The basic types of engineering controls are:

# Appropriate engineering controls

Process controls which involve changing the way a job activity or process is done to reduce the risk.

Enclosure and/or isolation of emission source which keeps a selected hazard 'physically' away from the worker and ventilation that strategically 'adds' and 'removes' air in the work environment. Ventilation can remove or dilute an air contaminant if designed properly. The design of a ventilation system must match 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, wear SAA approved respirator. Correct fit is essential to obtain adequate protection. Provide adequate ventilation in warehouse or closed storage areas.

#### 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 thoroughly. [CDC NIOSH Current Intelligence Bulletin 59], [AS/NZS 1336 or national equivalent]

#### Skin protection

See Hand protection below

► Wear chemical protective gloves, e.g. PVC.

#### NOTE:

The material may produce skin sensitisation in predisposed individuals. Care must be taken, when removing gloves and other protective equipment, to avoid all possible skin contact.

#### Hands/feet protection

Contaminated leather items, such as shoes, belts and watch-bands should be removed and destroyed

The selection of suitable gloves does not only depend on the material, but also on further marks of quality which vary from manufacturer to manufacturer. Where the chemical is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

The exact break through time for substances has to be obtained from the manufacturer of the protective gloves and has to be observed when

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making a final choice.

Suitability and durability of glove type is dependent on usage. Important factors in the selection of gloves include:

- frequency and duration of contact,
- b 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 national equivalent).

- When prolonged or frequently repeated contact may occur, a glove with a protection class of 5 or higher (breakthrough time greater than 240 minutes according to EN 374, AS/NZS 2161.10.1 or national equivalent) is recommended.
- When only brief contact is expected, a glove with a protection class of 3 or higher (breakthrough time greater than 60 minutes according 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 taken into account when considering gloves for long-term use.
- ► Contaminated gloves should be replaced.

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.

Body protection

See Other protection below

Other protection

- Barrier cream.
- Skin cleansing cream.
- Eye wash unit.

#### **SECTION 9 Physical and chemical properties**

#### Information on basic physical and chemical properties

Appearance	Clear Yellow Liquid		
Physical state	Liquid	Relative density (Water = 1)	1.04 - 1.06
Odour	Not Available	Partition coefficient n-octanol / water	Not Available
Odour threshold	Not Available	Auto-ignition temperature (°C)	Not Available
pH (as supplied)	7 - 8	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 Available
Flash point (°C)	Not Available	Taste	Not Available
Evaporation rate	Not Available	Explosive properties	Not Available
Flammability	Non Flammable	Oxidising properties	Not Available
Upper Explosive Limit (%)	Not Available	Surface Tension (dyn/cm or mN/m)	Not Available
Lower Explosive Limit (%)	Not Available	Volatile Component (%vol)	Not Available
Vapour pressure (kPa)	Not Available	Gas group	Not Available
Solubility in water	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
Chemical stability	<ul> <li>Unstable in the presence of incompatible materials.</li> <li>Product is considered stable.</li> <li>Hazardous polymerisation will not occur.</li> </ul>
Possibility of hazardous reactions	See section 7
Conditions to avoid	See section 7
Incompatible materials	See section 7
Hazardous decomposition products	See section 5

#### **SECTION 11 Toxicological information**

#### Information on toxicological effects

Inhaled

The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

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The material has NOT been classified by EC Directives or other classification systems as 'harmful by ingestion'. This is because of the lack of corroborating animal or human evidence. The material may still be damaging to the health of the individual, following ingestion, especially where

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Ingestion	pre-existing organ (e.g liver, kidney) damage is evident. Present definitions of harmful or toxic substances are generally based on doses producing mortality rather than those producing morbidity (disease, ill-health). Gastrointestinal tract discomfort may produce nausea and vomiting. In an occupational setting however, ingestion of insignificant quantities is not thought to be cause for concern.				
Skin Contact	The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting.  Open cuts, abraded or irritated skin should not be exposed to this material  Entry into the blood-stream through, for example, cuts, abrasions, puncture wounds or lesions, may produce systemic injury with harmful effects.  Examine the skin prior to the use of the material and ensure that any external damage is suitably protected.				
Еуе	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-term occupational exposure may produce cumulative health effects involving organs or biochemical systems.  Limited evidence shows that inhalation of the material is capable of inducing a sensitisation reaction in a significant number of individuals at a greater frequency than would be expected from the response of a normal population.  Pulmonary sensitisation, resulting in hyperactive airway dysfunction and pulmonary allergy may be accompanied by fatigue, malaise and aching. Significant symptoms of exposure may persist for extended periods, even after exposure ceases. Symptoms can be activated by a variety of nonspecific environmental stimuli such as automobile exhaust, perfumes and passive smoking.  There exists limited evidence that shows that skin contact with the material is capable either of inducing a sensitisation reaction in a significant number of individuals, and/or of producing positive response in experimental animals.				
	TOWNER	Inc	NITATION.		
Neutral Cleaner	TOXICITY  Not Available		t Available		
	Not Available	No	Available		
	TOXICITY				IRRITATION
andium tringlumb conhete					
sodium tripolyphosphate	Dermal (rabbit) LD50: >3160 mg/kg <sup>[2]</sup> Not Available				Not Available
	Oral(Rat) LD50; >2000 mg/kg <sup>[1]</sup>				
	TOYICITY	IDDITATION			
codium vulanoculfonato	TOXICITY IRRITATION  Oral(Rat) LD50; >10 mg/kg <sup>[2]</sup> Eye: adverse effect observed (irritating) <sup>[1]</sup>				
sodium xylenesulfonate	Oral(Rat) LD50; >10 mg/kg <sup>[2]</sup>				11
	Skin: no adverse effect observed (not irritating) <sup>[1]</sup>				
	TOVICITY	IDDITATION			
	TOXICITY	IRRITATION	75 ma/24h SEV/	.D.C	
	dermal (rat) LD50: >2000 mg/kg <sup>[1]</sup>	Eye (rabbit): 0.7	75 mg/24h SEVE	RE	
lound alcohol othovulated		Eye (rabbit): 0.7	0 mg		
lauryl alcohol, ethoxylated	dermal (rat) LD50: >2000 mg/kg <sup>[1]</sup>	Eye (rabbit): 0.7 Eye (rabbit): 10 Eye: adverse et	0 mg ffect observed (in		
lauryl alcohol, ethoxylated	dermal (rat) LD50: >2000 mg/kg <sup>[1]</sup>	Eye (rabbit): 0.1  Eye (rabbit): 10  Eye: adverse et  Skin (rabbit): 50	00 mg ffect observed (ir 00 mg/24h mild		
lauryl alcohol, ethoxylated	dermal (rat) LD50: >2000 mg/kg <sup>[1]</sup>	Eye (rabbit): 0.7  Eye (rabbit): 10  Eye: adverse el  Skin (rabbit): 50  Skin (rabbit): 75	ffect observed (in 00 mg/24h mild 5 mg/24h mild	ritating) <sup>[1]</sup>	tion[1]
lauryl alcohol, ethoxylated	dermal (rat) LD50: >2000 mg/kg <sup>[1]</sup>	Eye (rabbit): 0.7  Eye (rabbit): 10  Eye: adverse el  Skin (rabbit): 50  Skin (rabbit): 75	00 mg ffect observed (ir 00 mg/24h mild	ritating) <sup>[1]</sup>	ting) <sup>[1]</sup>
lauryl alcohol, ethoxylated	dermal (rat) LD50: >2000 mg/kg <sup>[1]</sup> Oral(Rat) LD50; 1000 mg/kg <sup>[1]</sup>	Eye (rabbit): 0.7  Eye (rabbit): 10  Eye: adverse el  Skin (rabbit): 50  Skin (rabbit): 75	ffect observed (in 00 mg/24h mild 5 mg/24h mild	ritating) <sup>[1]</sup>	
lauryl alcohol, ethoxylated	dermal (rat) LD50: >2000 mg/kg <sup>[1]</sup>	Eye (rabbit): 0.7  Eye (rabbit): 10  Eye: adverse el  Skin (rabbit): 50  Skin (rabbit): 75	ffect observed (in 00 mg/24h mild 5 mg/24h mild	ritating) <sup>[1]</sup>	ting)[1]  RITATION  t Available
	dermal (rat) LD50: >2000 mg/kg <sup>[1]</sup>   Oral(Rat) LD50; 1000 mg/kg <sup>[1]</sup>   TOXICITY	Eye (rabbit): 0.7  Eye (rabbit): 10  Eye: adverse et  Skin (rabbit): 50  Skin (rabbit): 75  Skin: no advers	ffect observed (ii 00 mg/24h mild 5 mg/24h mild se effect observe	ritating) <sup>[1]</sup> d (not irrita	RITATION t Available
EDTA Legend:	dermal (rat) LD50: >2000 mg/kg <sup>[1]</sup> Oral(Rat) LD50; 1000 mg/kg <sup>[1]</sup> TOXICITY  Oral(Rat) LD50; >2000 mg/kg <sup>[2]</sup> 1. Value obtained from Europe ECHA Registered Subs specified data extracted from RTECS - Register of Toxi	Eye (rabbit): 0.7  Eye (rabbit): 10  Eye: adverse el  Skin (rabbit): 50  Skin (rabbit): 75  Skin: no advers	ffect observed (ii 00 mg/24h mild 5 mg/24h mild 5 effect observe	d (not irrita	RITATION t Available
EDTA  Legend:  Acute Toxicity	dermal (rat) LD50: >2000 mg/kg <sup>[1]</sup> Oral(Rat) LD50; 1000 mg/kg <sup>[1]</sup> TOXICITY  Oral(Rat) LD50; >2000 mg/kg <sup>[2]</sup> 1. Value obtained from Europe ECHA Registered Subs specified data extracted from RTECS - Register of Toxi	Eye (rabbit): 0.7  Eye (rabbit): 10  Eye: adverse el  Skin (rabbit): 50  Skin (rabbit): 75  Skin: no advers	ffect observed (iii 00 mg/24h mild 5 mg/24h mild 6 effect observe	ritating) <sup>[1]</sup> d (not irrita  IRF  Not	RITATION t Available
EDTA  Legend:  Acute Toxicity  Skin Irritation/Corrosion	dermal (rat) LD50: >2000 mg/kg <sup>[1]</sup> Oral(Rat) LD50; 1000 mg/kg <sup>[1]</sup> TOXICITY  Oral(Rat) LD50; >2000 mg/kg <sup>[2]</sup> 1. Value obtained from Europe ECHA Registered Subs specified data extracted from RTECS - Register of Toxi	Eye (rabbit): 0.1  Eye (rabbit): 10  Eye: adverse el  Skin (rabbit): 76  Skin (rabbit): 75  Skin: no advers  stances - Acute toxicity ic Effect of chemical Si  Ca	of mg  ffect observed (iii)  of mg/24h mild  frequency mg/24h mild	ritating) <sup>[1]</sup> d (not irrital IRF Noted from me	RITATION t Available
EDTA  Legend:  Acute Toxicity	dermal (rat) LD50: >2000 mg/kg <sup>[1]</sup> Oral(Rat) LD50; 1000 mg/kg <sup>[1]</sup> TOXICITY  Oral(Rat) LD50; >2000 mg/kg <sup>[2]</sup> 1. Value obtained from Europe ECHA Registered Subs specified data extracted from RTECS - Register of Toxi	Eye (rabbit): 0.7  Eye (rabbit): 10  Eye: adverse el  Skin (rabbit): 50  Skin (rabbit): 75  Skin: no advers  stances - Acute toxicity ic Effect of chemical S  Ca  Ro  STOT - Sing	ffect observed (ii 00 mg/24h mild 5 mg/24h mild 5 mg/24h mild 5 effect observe  2.* Value obtain ubstances  rcinogenicity eproductivity gle Exposure	ritating) <sup>[1]</sup> d (not irrita  IRF  Not	RITATION t Available
Acute Toxicity Skin Irritation/Corrosion Serious Eye Damage/Irritation Respiratory or Skin sensitisation	dermal (rat) LD50: >2000 mg/kg <sup>[1]</sup> Oral(Rat) LD50; 1000 mg/kg <sup>[1]</sup> TOXICITY  Oral(Rat) LD50; >2000 mg/kg <sup>[2]</sup> 1. Value obtained from Europe ECHA Registered Subs specified data extracted from RTECS - Register of Toxi	Eye (rabbit): 0.1  Eye (rabbit): 10  Eye: adverse et  Skin (rabbit): 50  Skin (rabbit): 75  Skin: no adverse  Stances - Acute toxicity ic Effect of chemical Stances  Cat  STOT - Sing	of mg  ffect observed (in  ffect observed (in  ffect observed (in  ffect observed  ffect obser	ritating) <sup>[1]</sup> d (not irrita  IRF  Not  ed from ma	RITATION t Available
EDTA  Legend:  Acute Toxicity  Skin Irritation/Corrosion  Serious Eye Damage/Irritation  Respiratory or Skin	dermal (rat) LD50: >2000 mg/kg <sup>[1]</sup> Oral(Rat) LD50; 1000 mg/kg <sup>[1]</sup> TOXICITY  Oral(Rat) LD50; >2000 mg/kg <sup>[2]</sup> 1. Value obtained from Europe ECHA Registered Subs specified data extracted from RTECS - Register of Toxi	Eye (rabbit): 0.1  Eye (rabbit): 10  Eye: adverse et  Skin (rabbit): 50  Skin (rabbit): 75  Skin: no adverse  Stances - Acute toxicity ic Effect of chemical Stances  Cat  STOT - Sing	ffect observed (ii 00 mg/24h mild 5 mg/24h mild 5 mg/24h mild 5 effect observe  2.* Value obtain ubstances  rcinogenicity eproductivity gle Exposure	ritating) <sup>[1]</sup> d (not irrita  IRF  Not	RITATION t Available

– Data available to make classification

#### **SECTION 12 Ecological information**

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Neutral Cleaner	Endpoint	Test Duration (h	r)	Species	Value	•	Sou	rce
Neutral Cleaner	Not Available	Not Available		Not Available Not Available		vailable	able Not Available	
	Endpoint	Test Duration (hr)	Species	<b>i</b>		Value		Source
sodium tripolyphosphate	EC50	48	Crustac	ea		>70.7-<101.3	lmg/L	2
	EC50	96	Algae o	other aquatic plants		69.2mg/L		2
	Endpoint	Test Duration (hr)	Spe	cies		Value	)	Source
	LC50	96	Fish			>100	0mg/L	2
	EC50	48	Cru	stacea		>40.3	Bmg/L	2
sodium xylenesulfonate	EC50	96	Alga	e or other aquatic plants		>=23	0mg/L	2
	EC0	48	Cru	stacea		35mg	ı/L	2
	NOEC	96			31mg	ı/L	2	
	Endpoint	Test Duration (hr)	-	ecies		Valu		Source
	LC50	96	Fisi				9mg/L	2
auryl alcohol, ethoxylated	EC50	48		stacea		1.2n		5
	EC50	72	-	ae or other aquatic plants			7mg/L	2
	BCF	72	72 Fish			1-m		4
	NOEC	504	Cru	Crustacea		0.14	4mg/L	2
	Endpoint	Test Duration (hr)	Spe	cies		Value	•	Source
	LC50	96	Fish			-34-6	2mg/L	4
	EC50	48	Cru	stacea		113-n	ng/L	4
EDTA	EC50	72	Alga	e or other aquatic plants		=1.01	mg/L	1
	BCF	120	Fish			0.76-	mg/L	4
	EC10	72	Alga	e or other aquatic plants		=0.48	lmg/L	1
	NOEC	72	Alga	e or other aquatic plants		=0.39	mg/L	1
Legend:		IUCLID Toxicity Data 2. Eur     Aquatic Toxicity Data (Estima)						

On the basis of available evidence concerning either toxicity, persistence, potential to accumulate and or observed environmental fate and behaviour, the material may present a danger, immediate or long-term and /or delayed, to the structure and/ or functioning of natural ecosystems.

DO NOT discharge into sewer or waterways.

#### Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
lauryl alcohol, ethoxylated	LOW	LOW
EDTA	LOW	LOW

#### **Bioaccumulative potential**

Ingredient	Bioaccumulation
lauryl alcohol, ethoxylated	LOW (LogKOW = 3.6722)
EDTA	LOW (BCF = 123)

#### Mobility in soil

Ingredient	Mobility
lauryl alcohol, ethoxylated	LOW (KOC = 10)
EDTA	LOW (KOC = 1046)

# **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 some areas, certain wastes must be tracked.

A Hierarchy of Controls seems to be common - the user should investigate:

# Product / Packaging disposal

- ► Reduction ► Reuse
- Recycling

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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 type. Note that properties of a material may change in use, and recycling or reuse may not always be appropriate.

- ▶ 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

Transport in bulk in accordance with MARPOL Annex V and the IMSBC Code

Product name	Group
sodium tripolyphosphate	Not Available
sodium xylenesulfonate	Not Available
lauryl alcohol, ethoxylated	Not Available
EDTA	Not Available

#### Transport in bulk in accordance with the ICG Code

•	
Product name	Ship Type
sodium tripolyphosphate	Not Available
sodium xylenesulfonate	Not Available
lauryl alcohol, ethoxylated	Not Available
EDTA	Not Available

#### **SECTION 15 Regulatory information**

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

#### sodium tripolyphosphate is found on the following regulatory lists

Australian Inventory of Industrial Chemicals (AIIC)

### sodium xylenesulfonate is found on the following regulatory lists

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals

Australian Inventory of Industrial Chemicals (AIIC)

# lauryl alcohol, ethoxylated is found on the following regulatory lists

Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 2

Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule  ${\bf 3}$ 

Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule  $\bf 4$ 

Australian Inventory of Industrial Chemicals (AIIC)

#### EDTA is found on the following regulatory lists

Australia Hazardous Chemical Information System (HCIS) - Hazardous Chemicals Australia Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Schedule 4

Australian Inventory of Industrial Chemicals (AIIC)

#### **National Inventory Status**

National Inventory	Status
Australia - AIIC / Australia Non-Industrial Use	Yes
Canada - DSL	Yes
Canada - NDSL	No (sodium tripolyphosphate; sodium xylenesulfonate; lauryl alcohol, ethoxylated; EDTA)
China - IECSC	Yes
Europe - EINEC / ELINCS / NLP	Yes

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National Inventory	Status
Japan - ENCS	Yes
Korea - KECI	Yes
New Zealand - NZIoC	Yes
Philippines - PICCS	Yes
USA - TSCA	Yes
Taiwan - TCSI	Yes
Mexico - INSQ	Yes
Vietnam - NCI	Yes
Russia - ARIPS	Yes
Legend:	Yes = All CAS declared ingredients are on the inventory  No = One or more of the CAS listed ingredients are not on the inventory and are not exempt from listing(see specific ingredients in brackets)

#### **SECTION 16 Other information**

Revision Date	10/02/2021
Initial Date	29/03/2016

#### Other information

Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch 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

TLV: Threshold Limit Value

LOD: Limit Of Detection

OTV: Odour Threshold Value BCF: BioConcentration Factors

BEI: Biological Exposure Index

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