

Date of issue: 3 March 2018
Revised by: Simonne Moses - HSNO Consultant SDS No: 1

Safety Data Sheet Neptune Cleaner

Classified as: Hazardous according to the Hazardous Substances
(Minimum Degrees of Hazard) Notice 2017.

Section 1: SUBSTANCE AND SUPPLIER DETAILS

Supplier: Stryker Australia
8 Herbert Street
St Leonards, NSW
Australia, 2065

Phone: +61 02 9467 1000

Supplier: Stryker New Zealand
515 Mt Wellington Highway
Auckland 1060
New Zealand

Phone: +64 09 573 1890

Recommended Use: Cleaning Agent

Emergency Contact Number: Australia: 131 126 (Poisons Information Centre)
New Zealand: 0800 764 766 (Poisons Centre)

Section 2: HAZARDS IDENTIFICATION

Neptune Cleaner is not classified as a Dangerous Good for Transport.

Neptune Cleaner is classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazards) Notice 2017.

Classified as a mixture under the Cleaning Products (Subsidiary Hazard) Group Standard.

HSNO APPROVAL NUMBER: **HSR002530**

HSNO CLASSIFICATIONS: 6.1E (oral) – Acutely toxic by ingestion, low hazard
6.1E (dermal) – Acutely toxic by skin contact, low hazard
6.3B – Mildly irritating to the skin
6.4A – Eye irritant

GHS Classification: Acute toxicity: oral, Category 5
Acute toxicity: dermal, Category 5
Skin corrosion/irritation, Category 3
Serious eye damage/eye irritation, Category 2

Hazard Statements:

H303 May be harmful if swallowed
H313 May be harmful in contact with skin
H316 Causes mild skin irritation
H319 Causes serious eye irritation

GHS Pictograms:



WARNING

PREVENTION STATEMENTS:

P102 – Keep out of reach of children
P103 – Read label before use
P264 – Wash thoroughly after handling
P280 – Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE STATEMENTS:

P101 – If medical advice is needed, have product container or label at hand.
P312 – Call a POISON CENTER or doctor/physician if you feel unwell.
P305 + P351 + P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P332 + P337 + P313 – If skin or eye irritation occurs: Get medical advice/attention.

DISPOSAL

P501 - In accordance with the Hazardous Substances (Disposal) Notice 2017. Refer to Section 13 of this SDS.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Main Component	CAS Number	Concentration
Sodium lauryl sulphate	151-21-3	<25%
Ammonium Hydroxide	1336-21-6	<1%
Alcohol Ethoxylate	84133-50-6	<3%
Poly(oxy-1,2-ethanediyl), α -hydroxy- ω -hydroxy-Ethane-1,2-diol, Ethoxylated	25322-68-3	<0.5%
Diammonium Dihydrogen Ethylenediaminetetraacetate	20824-56-0	<0.5%

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: FIRST AID MEASURES

Workplace Facilities Required:	Eye wash and safety shower facilities should be provided.
If Inhaled:	If exposed, remove affected person to fresh air. If breathing problems occur seek immediate medical attention.
In Contact with Eye:	Hold eyes open, flush with water. Continue flushing for at least 15 minutes. Seek medical attention if irritation develops and persists.
In Contact with Skin:	Remove affected clothing and wash exposed skin with water. Seek medical attention if irritation develops and persists.
If Swallowed:	DO NOT INDUCE VOMITING. Rinse mouth. Give small quantities of water. Never give anything by mouth to an unconscious person. Seek medical attention if affected person is suffering from persistent discomfort. If vomiting occurs, keep head below hips to prevent aspiration to lungs.
Advice to Doctor:	Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Fire/Explosion Hazard:	Product is not flammable or combustible.
Suitable Extinguishing Media:	Use extinguisher suitable for surrounding fire. Use water fog to cool intact containers and nearby storage areas.
Precautions in Connection with Fire:	May produce carbon, nitrogen and sulphur oxides, and hydrocarbons, when heated to decomposition.
Advice for firefighters:	Wear full firefighting gear and self-contained breathing apparatus.

Section 6: ACCIDENTAL RELEASE MEASURES

Precautions:	Clear area of all unprotected personnel. Keep unnecessary and unprotected personnel from entering area. Avoid release to the environment.
Suitable Protective Equipment:	Emergency responders must use personal protective equipment, including gloves, protective overalls and footwear and safety goggles or safety glasses with side shields.
Spill or Leak Procedures.	CAUTION: Spill area may be slippery. Contain the spill. Use absorbent material to soak up the spill and collect for disposal. Residues may be diluted and flushed away.
Waste Disposal Methods:	Dispose of as per Section 13.
Emergency preparation:	Ensure there is appropriate and adequate personal protective equipment, trained personnel and clean up materials for management of accidental release.

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Section 7: HANDLING AND STORAGE

Precautions for Safe Handling: Avoid contact with skin and eyes. Do not eat drink or smoke when using this product. Remove contaminated clothing and wash hands and face before entering eating areas.

Storage: Keep containers tightly closed in a secured area. Store at ambient temperature and pressure.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Standards NZ: No exposure standards have been identified for this product.

Engineering Controls: Eyewash facilities and safety showers should be provided in the work area where there is a risk of exposure to eyes and skin.

Personal Protective Equipment: Avoid contact with the skin and eyes.

Hand protection: Wear PVC or rubber gloves. Refer to Australian and New Zealand Standard AS/NZS 2161 for protective gloves.

Skin and body protection: Use protective clothing if excessive exposure is likely. Remove any contaminated clothing to avoid prolonged contact with the skin. Wash work clothes regularly. Refer to Australian and New Zealand Standard AS/NZS 4501 for occupational protective clothing.

Eye protection: Use safety glasses with side shields or chemical goggles to protect eyes. Refer to AS/NZS 1336 for suitable eye and face protection.

Respiratory protection: Not required under normal conditions of use.

Other information: PPE selected must be impervious to the substance. Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle in accordance with safe industrial hygiene practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Description:	Liquid	Colour:	Opaque
Odour:	Slight aromatic	Melting Point:	<0°C
pH:	7-9.5	Solubility:	Soluble (water)
Boiling point:	93°C (starts foaming)	Flash Point (Closed Cup):	Not applicable
Flammability:	Non-flammable	Specific Gravity:	1.01-1.03
Vapour pressure (25°C):	< 25 mm Hg	Viscosity (20°C):	Not available
Decomposition Temp:	Not available	Autoignition Temp:	Not available
Flammability Limits:	Not applicable	Partition Coefficient:	Not available
Relative Vapour Density:	Not available	Evaporation Rate:	Not available
% Volatiles:	80% (approx.)		

Section 10: STABILITY AND REACTIVITY

Stability:	Stable under normal temperatures and pressures.
Reactivity:	Under normal conditions of storage and use, not expected to cause any adverse reactions. Combustion products may include oxides of carbon, nitrogen, sulphur, and hydrocarbons.
Conditions to Avoid:	High storage temperatures may cause product to degrade.
Incompatibility:	Keep away from strong acids and strong oxidisers.

Section 11: TOXICOLOGICAL INFORMATION

Acute Exposure

Acute Toxicity:	LD50 oral approx. 4200 mg/kg (rat) LD50 dermal approx. 3000 mg/kg (rabbit)
Inhalation:	Not expected to be harmful by inhalation.
Ingestion:	May be harmful if swallowed.
Skin Contact:	May be harmful in contact with skin. Mild skin irritant.
Eye Contact:	Eye irritant
Sensitiser:	Not expected to be a respiratory or contact sensitiser.

Chronic Exposure:

Mutagen/Carcinogen/Reproductive Toxicant	No chronic toxicity effects expected.
Specific Target Organ Systemic Toxicity:	Not expected to harm human target organs or systems.
	Toxicity data is based on hazardous ingredient information and information in the EPA Chemical Classification and Identification Database.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity:	Product is not expected to be ecotoxic to water or soil environments or to terrestrial vertebrates or invertebrates.
Persistence/degradability:	The major component of this product is readily biodegradable.
Bio-accumulation:	No additional information available.
Mobility:	Product is soluble in water.

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Section 13: DISPOSAL CONSIDERATIONS

Disposal: Absorb with suitable absorbent material (sand, vermiculite or similar) and dispose of via an approved waste disposal contractor.

Disposal of Packaging: Dispose of packaging via an approved waste disposal contractor.

Section 14: TRANSPORT INFORMATION

Neptune Cleaner is not classified as a Dangerous Good for transport in accordance with NZS5433:2012, IMDG or IATA.

Ensure transportation methods prevent leakage from packages and collapsing loads.

Section 15: REGULATORY INFORMATION

Group Standard: Cleaning Products (Subsidiary Hazard) Group Standard

HSNO Approval Code: HSR002530

HSNO Classifications:

6.1E oral	Acutely toxic by ingestion, low hazard
6.1E dermal	Acutely toxic by skin contact, low hazard
6.3B	Mild skin irritant
6.4A	Eye irritant

This substance triggers: This substance is not required to be Tracked. All workplace personnel handling this substance are required to be trained on the safe handling and PPE requirements for the hazards associated with this substance.

Section 16: OTHER INFORMATION

The information provided in this Safety Data Sheet relates only to the specific material designated herein. This Safety Data Sheet summarises our best knowledge of the health and safety hazard information of the product and how to safely handle the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products.

This substance is approved under HSNO for use as a cleaning product. All reasonable care has been taken to ensure that the information and advice contained herein are from sources believed to be reliable and to represent the most up-to-date knowledge available at the date given in Section 16. No liability is assumed for any damages related to the use or misuse of this substance.

All chemical materials may present unknown hazards as people have varying degrees of sensitivity to chemicals. Therefore, this product should be used with caution. The information herein is given in good faith, but no warranty, express or implied is made.

SDS Issued: 3/03/2018

Reason for Revision: Update to New Zealand regulatory requirements.

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References:

EPA NZ Chemical Classification and Information Database
EPA Guide: Assigning a Hazardous Substance to a Group Standard, 2014
Supplier SDS: Stryker Instruments, Michigan, USA, Neptune Cleaner, 01/2016

END OF SAFETY DATA SHEET