

Sapphire 10

1: Identification of the material and supplier

Product Identifier	Sapphire 10 HD Cleaner		
Other Means of Identification	SAPPHIRE10.CTN (3x2.5L)		
Recommended Use	Heavy duty multipurpose cleaner and degreaser suitable for all surfaces		
Supplier	Organisation	Location	Contact Information
	Chemform	7 Kirke St	Phone: 1300 415 278
	ABN: 50 008 905 119	Balcatta WA 6021	Fax: (08) 9344 4360
		Australia	E-Mail: admin@chemform.com.au
			Web: www.chemform.com.au
Emergency Phone Number	Poisons Information Centre (Australia) 13 11 26		

2: Hazardous Identification

Classified as hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) criteria of Safe Work Australia and classified as a non-dangerous good according to Australian Dangerous Goods Code.

In ready to use form, when diluted with water, at or more than 1:15 ($\leq 66\text{mL/L}$) the diluted product is classified as non-hazardous. Recommended dilution is 1:100.

GHS Classification	Eye damage (category 1)
Signal Word	Danger
Hazard Statement(s)	Causes serious eye damage



Precautionary Statement(s)	Wear eye protection. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor.
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3: Composition/Information on Ingredients

Ingredient	CAS Number	Proportion (% w/w)
Linear alkyl ethoxylate	67254-71-1	10-<30%
Alkyl polyglucoside	68515-73-1	<10%
Non-hazardous ingredients	-	To 100%

4: First Aid Measures

General	For advice, contact a Poisons Information Centre (Australia 13 11 26) or a doctor.
Ingestion	If swallowed, DO NOT induce vomiting. If person is conscious, rinse mouth thoroughly with water first then give a glass of water to drink. If vomiting occurs, wash out mouth again with water and give another glass of water to drink. Seek medical attention if irritation persists.
Eyes	If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre or a doctor, or for at least 15 minutes.
Skin	Wash off with water.
Inhalation	If inhalation causes an irritation, remove from contaminated area. Seek medical attention if irritation persists.
Symptoms Caused by Exposure	Please refer to Section 11- Toxicological Information.
Medical Attention and Special Treatment	May cause corneal burns.

5: Fire Fighting Measures

Suitable Extinguishing Equipment	Material itself is not combustible. Extinguish fire using agent suitable for type of surrounding fire. Use foam, dry chemical or carbon dioxide. Keep run-off water out of sewers and water sources.
Specific Hazards Arising from the Chemical	When heated to decomposition will produce irritating fumes.
Special Protective Equipment and Precautions for Fire Fighters	Use water spray to keep fire-exposed containers cool.
Hazchem Code	None allocated.

6: Accidental Release Measures

Personal Precautions	Surfaces may be slippery. Increase ventilation. Wear PPE in accordance with section 8. Stop leak if safe to do so. Isolate the spill area. Keep unnecessary personnel away. Clean up immediately to avoid accidents.
Environmental Precautions	Do NOT allow spilled concentrated product to enter drains, sewers, creeks, dams, rivers or waterways.

Safety Data Sheet

Spills and Disposal

Small Spills

Mop or wipe up with a rag or paper towel and dispose of in the rubbish. Wash down surface with water.

Large Spills

Contain, collect and recycle spilt product if possible otherwise absorb spill with material such as soil, sand, attapulgate, vermiculite. Collect and seal in properly labelled, chemical resistant containers. Wash area with water. Seek disposal options by a licensed waste contractor.

7: Handling and Storage

Precautions for Safe Handling

Wash hands after use. Minimise direct contact with product. Wear PPE in accordance with label or section 8.

Conditions for Safe Storage

Always replace lid on container after use. Store in a cool dry place out of direct sunlight and out of reach of children.

8: Exposure Controls – Personal Protection

National Exposure Standards

An exposure standard has not been established for this product.

Engineering Controls

Not required for normal use.

Personal Protection

Eyes/Face

Protective eyewear. Avoid eye contact.

Hands

Not generally required when used as per label directions.

Skin

Not generally required when used as per label directions.

Respiratory

Not generally required when used as per label directions. Avoid inhaling spray mist.

9: Physical and Chemical Properties

Appearance

Brown opaque liquid

Odour

Nil

pH

9.5 -11.0

Vapour Pressure

Not applicable

Vapour Density

Not applicable

Flash Point

Not applicable

Flammability Limits

Not applicable

Boiling Point

>100°C

Melting Point

<0°C

Specific Gravity

1.0

Solubility

Soluble in water

10: Stability and Reactivity

Chemical Stability	The product is stable under normal conditions.
Possibility of Hazardous Reaction	None known.
Conditions to Avoid	Extreme heat and temperatures.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	None known.

11: Toxicological Information

Ingestion	Product is considered to be of low toxicity. Ingestion of large amounts may cause irritation to the oesophagus and cause gastrointestinal upset.
Eye	Vascularisation of the cornea was observed when; undiluted (100%) similar surfactants were applied to the eyes of rabbits. As this is considered a permanent effect, the studies were terminated. The chemicals were considered to be severely irritating to the eye (HERA, 2009). The surfactant in this product is dilute (<20%). Eye irritation (Draize, rabbit): severely irritating.
Skin	The surfactant contained in this product exhibit low acute dermal toxicity. Low irritation to the skin. However may cause reddening of the skin, rashes or dermatitis on prolonged skin contact. Dermal LD ₅₀ (rabbit): >20g/kg
Inhalation	The surfactants in this product have low acute inhalation toxicity. In non-guideline studies reported in HERA (2009) the surfactants contained in this product had a LC50 values in rats that exceeded the saturated vapour concentration in air. There were no mortalities reported.

12: Ecological Information

Ecotoxicity	LC ₅₀ (96hr) fish – was greater than 100mg/L Alkyl polyglucoside and Linear alkyl ethoxylate.
Persistence/Degradability	Surfactant is readily biodegradable according to OECD test guideline 301.
Bio-accumulative Potential	Limited potential to bio-accumulate.
Mobility in Soil	Low to moderate mobility.

13: Disposal Considerations

Disposal Methods	<p>The most effective way to dispose of product is to use as was originally intended, in accordance with label instructions. If disposal of large volumes of unwanted or excess product is required, either supply to product to someone who can use it in accordance with label instructions or contact your local council and/or state environmental authority for advice. Dispose of in accordance with Local, State and Federal regulations.</p> <p>Drain containers thoroughly and rinse empty containers with water and use the solution in accordance with label instructions. Recycle packaging at an approved collection point or recycling facility.</p>
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14: Transport Information

UN Number	Not applicable
Shipping Name	Not applicable
Class	Not applicable
Subsidiary Risk	Not applicable
Packing Group	Not applicable
Special Precautions For Users	Ensure containers are clearly labelled. Keep containers securely sealed and protected against physical damage.
Hazchem Code	Not applicable
IERG (HB76)	Not applicable
AERG Number	Not applicable

15: Regulatory Information

Packaging & Labelling	This product is not classified as a Scheduled Poison. Defined as a Non-Dangerous Good by the Australian Code for the Transport of Dangerous Goods by Road and Rail.
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16: Other Information

Prepared By	Brett Amos
Date of Previous Issue	February 2019
Changes Made	Complete GHS review
References	<p>Australian Dangerous Goods Code</p> <p>Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice July 2020.</p> <p>Standard for the Uniform Scheduling of Medicines & Poisons (SUSMP)</p> <p>Globally Harmonised System of Classification and Labelling of Chemicals (GHS) (Rev.7 2017)</p>
Contact Person/Point	<p>Australia 24 HOUR EMERGENCY CONTACT</p> <p>Poisons Information Centre 13 11 26</p>
Legal Disclaimer	<p>The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.</p>

END OF SAFETY DATA SHEET