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Safety Data Sheet

Orange Detergent #11

1: Identification of the material and supplier

Product Identifier Orange Detergent #11

Other Means of Identification ORANGEDET6.CTN (6x750mL ctn), ORANGEDET2X5L.CTN (2x5L ctn), HYPROOD.20 (20L)

Recommended Use Manual dishwashing liquid

Supplier	**Organisation**	**Location**	**Contact Information**
	Chemform ABN: 50 008 905 119	7 Kirke St Balcatta WA 6021 Australia	Phone: 1300 415 278 Fax: (08) 9344 4360 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 1:3 (≤333mL/L) the diluted product is classified as non-hazardous. The most concentrated recommended dilution is 1:133 (7.5mL/L).

GHS Classification Eye irritation (category 2)

Signal Word Warning

Hazard Statement(s) Causes serious eye irritation

Precautionary Statement(s) Wear eye protection. Wash hands thoroughly after handling. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

3: Composition/Information on Ingredients

Ingredient	**CAS Number**	**Proportion (% w/w)**
Sodium alkylbenzene sulfonate	68081-81-2	<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 (Australia 13 11 26) or by 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	No special treatment required.

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.

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Spills and Disposal	**Small Spills**	**Large Spills**
	Mop or wipe up with a rag or paper towel and dispose of in the rubbish. Wash down surface with water.	Contain, collect and recycle spilt product, if possible, otherwise absorb spill with material such as soil, sand, attapulgite, 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	Viscous orange liquid
Odour	Oranges
pH	5-7
Vapour Pressure	Not applicable
Vapour Density	Not applicable
Flash Point	Not applicable
Viscosity	1500mPa.s (20°C)
Boiling Point	>100°C
Melting Point	<0°C
Specific Gravity	1.0
Solubility	Soluble in water

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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. (Sodium hypochlorite, Hydrogen peroxide)
Hazardous Decomposition Products	None known.

11: Toxicological Information

Ingestion	Considered to be of low toxicity. May cause gastric distress upon ingestion of large amounts.
Eye	May cause serious eye irritation with symptoms including tearing, redness and swelling.
Skin	Considered to be of low acute dermal toxicity. Not expected to irritate the skin. Prolonged skin contact may result in dermatitis due to the defatting of the natural oils in the skin.
Inhalation	Unlikely route of exposure. Product is not nebulised.

12: Ecological Information

Ecotoxicity	Algae EC_{50}: >20-65 mg/L (green algae), (Daphnia magna) 48-h LC_{50}: 3.6-4.7 mg/L (Sodium alkyl benzene sulfonate)
Persistence/Degradability	The surfactants in this product are expected to be readily biodegradable according to the OECD test 301 protocol.
Bio-accumulative Potential	The surfactant components are not expected to bioaccumulate due to their high-water solubility, rapid biodegradation an ionic nature.
Mobility in Soil	Moderate to high mobility in soil.

13: Disposal Considerations

Disposal Methods	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. 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.

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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.

16: Other Information

Prepared By	Regulatory Technical Officer
Date of Previous Issue	February 2021
Changes Made	Complete GHS review.
References	Australian Dangerous Goods Code Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice June 2023. Standard for the Uniform Scheduling of Medicines & Poisons (SUSMP) Globally Harmonised System of Classification and Labelling of Chemicals (GHS) (Rev.7 2017)
Contact Person/Point	Australia 24 HOUR EMERGENCY CONTACT Poisons Information Centre 13 11 26
Legal Disclaimer	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.

END OF SAFETY DATA SHEET

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