Hyline HLD 5000

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

Date issued	01.01.2025

1.1. Product identifier

Product name	Hyline HLD 5000

1.2. Relevant identified uses of the substance or mixture and uses advised against

Product group	Dishwasher rinse.
Uses advised against	No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Distributor

Company name	Hobart Food Equipment
Postal address	Unit 1 / 2 Picken Street
Postcode	NSW 2128
City	Silverwater
Country	Australia
Telephone number	02 9714 0200
Website	http://www.hobartfood.com.au

1.4. Emergency telephone number

Emergency telephone	Description: National Poison Information Centre: 13 11 26

SECTION 2: Hazards identification

2.1. Classification of substance or mixture

CLP classification, comments	Classified as Non-Hazardous according to Global System of Classification (GHS) including Work, Health and Safety Regulations Australia. Classified as Not Dangerous Goods according to Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)
Substance / mixture hazardous properties	The product is not classified.

2.2. Label elements

2.3. Other hazards

Health effect	May be slightly irritating to skin and eyes. See section 11 for additional information on health hazards.
Environmental effects	This product does not contain any PBT or vPvB substances.

SECTION 3: Composition / information on ingredients

3.2. Mixtures

Substance	Identification	Classification	Contents
oxirane, 2-methyl-, polymer with oxirane, monoisotridecyl ether, block	CAS No.: 196823-11-7 / 50861-66-0	Eye Irrit. 2; H319	5 -10 %
Sodium p-cumenesulphonate	CAS No.: 15763-76-5 EC No.: 239-854-6 REACH Reg. No.: 01-2119489411-37-xxxx	Eye Irrit. 2; H319	1 - 5 %

SECTION 4: First aid measures

4.1. Description of first aid measures

General	Remove affected person from source of contamination.
Inhalation	Fresh air. Get medical attention if any discomfort continues.
Skin contact	Rinse with water. Contact physician if discomfort continues.
Eye contact	Immediately rinse with water for several minutes. Make sure to remove any contact lenses from the eyes before rinsing. Contact physician if irritation persists.
Ingestion	Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.
Recommended personal protective equipment for first aid responders	Wear necessary protective equipment. For personal protection, see section 8.

4.2. Most important symptoms and effects, both acute and delayed

Acute symptoms and effects	May be slightly irritating to skin and eyes.
Delayed symptoms and effects	No known long term effects.

4.3. Indication of any immediate medical attention and special treatment needed

Other information	If unconscious: Call an ambulance/physician immediately. Show this Safety Data Sheet.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	Carbon dioxide, foam or water spray.

5.2. Special hazards arising from the substance or mixture

Fire and explosion hazards	This product is not flammable. During fire, gases hazardous to health may be formed.

5.3. Advice for firefighters

Personal protective equipment	Wear necessary protective equipment. For personal protection, see section 8.
Fire fighting procedures	Reference is made to the company fire procedure. If risk of water pollution occurs, notify appropriate authorities. Avoid breathing fire vapours.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal protection measures	Avoid contact with eyes.

6.2. Environmental precautions

Environmental precautionary measures	Avoid discharge into water courses or onto the ground. Contact local authorities in case of spillage to drain/aquatic environment.

6.3. Methods and material for containment and cleaning up

Cleaning method	Dam and absorb spillage with sand, sawdust or other absorbent. Wash contaminated area with water.

6.4. Reference to other sections

Other instructions	See section 8 and section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Handling	No specific usage precautions noted.

7.2. Conditions for safe storage, including any incompatibilities

Storage	Store in a cool dry well-ventilated area. Store in original packages as approved by manufacture. Store away from oxidising agents and acid. Protect from freezing. Keep container closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Provide a catch-tank in a bunded area. Ensure that storage conditions comply with applicable local and national regulations

7.3. Specific end use(s)

Specific use(s)	The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Substance	Identification	Value	TWA Year
oxirane, 2-methyl-, polymer with oxirane, monoisotridecyl ether, block	CAS No.: 196823-11-7 / 50861-66-0		
Sodium p-cumenesulphonate	CAS No.: 15763-76-5		
Other Information about threshold limit values	No data recorded.		

DNEL / PNEC

Substance	Sodium p-cumenesulphonate
DNEL	**Group:** Consumer **Route of exposure:** Long term (repeated) - Oral - Systemic effect **Value:** 3,8 mg/kg bw/d **Group:** Consumer **Route of exposure:** Long term (repeated) - Dermal - Systemic effect **Value:** 3,8 mg/kg bw/day **Group:** Consumer **Route of exposure:** Long term (repeated) - Inhalation - Systemic effect **Value:** 13,2mg/m3 **Group:** Worker **Route of exposure:** Long term (repeated) - Dermal - Systemic effect **Value:** 7,6 mg/kg bw/d **Group:** Worker **Route of exposure:** Long term (repeated) - Inhalation - Systemic effect **Value:** 53,6 mg/m3
PNEC	**Route of exposure:** Sewage treatment plant STP **Value:** 100 mg/l **Route of exposure:** Freshwater **Value:** 0,23 mg/l **Value:** 2,3 mg/l **Comments:** intermittent releases
Summary of risk management measures, human	Data lacking.
Summary of risk management measures, environment	Data lacking.

8.2. Exposure controls

Precautionary measures to prevent exposure

Appropriate engineering controls	No special precautions.

Eye / face protection

Suitable eye protection	Eye protection is not required under normal conditions.

Hand protection

Skin- / hand protection, long term contact	Under normal conditions of use gloves are not normally required.

Skin protection

Additional skin protection measures	No special precautions.

Respiratory protection

Respiratory protection necessary at	Under normal conditions of use respiration protection should not be required.

Thermal hazards

Thermal hazards	None specific.

Appropriate environmental exposure control

Environmental exposure controls	See section 6.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	Liquid.
Colour	Colourless.
Odour	No characteristic odour.
Odour limit	Comments: Not relevant.
pH	Status: In delivery state Value: ~ 5 Status: In aqueous solution Comments: Not relevant.
Melting point / melting range	Comments: Not relevant.
Boiling point / boiling range	Comments: Not relevant.
Flash point	Comments: Not relevant.
Evaporation rate	Comments: Not relevant.
Explosion limit	Comments: Not relevant.

Vapour pressure	Comments: Not relevant.
Vapour density	Comments: Not relevant.
Specific gravity	Comments: Not relevant.
Bulk density	Value: ~ 1,0 kg/l
Solubility	Comments: Completely soluble in water.
Partition coefficient: n-octanol/ water	Comments: Not relevant.
Spontaneous combustability	Comments: Not relevant.
Decomposition temperature	Comments: Not relevant.
Viscosity	Comments: Not relevant.
Explosive properties	Not explosive.
Oxidising properties	Does not meet the criteria for oxidising.

9.2. Other information

Other physical and chemical properties

Comments	No data recorded.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability	Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	No information.

10.4. Conditions to avoid

Conditions to avoid	No information.

10.5. Incompatible materials

Materials to avoid	No information.

10.6. Hazardous decomposition products

Hazardous decomposition products	In case of fire, toxic gases (CO, CO2, NOx) may be formed.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Substance	Sodium p-cumenesulphonate
Acute toxicity	**Type of toxicity:** Acute **Effect tested:** LD50 **Route of exposure:** Oral **Value:** 7200 mg/kg **Animal test species:** Rat
Other toxicological data	Toxicological tests on the product has not been performed.

Other information regarding health hazards

Assessment of acute toxicity, classification	No evidence for acute toxicity.
Inhalation	No known chronic or acute health risks.
Skin contact	Skin irritation is not anticipated when used normally.
Eye contact	May cause temporary eye irritation.
Ingestion	Ingestion may cause irritation of the gastrointestinal tract, vomiting and diarrhoea.
Sensitisation	No evidence for respiratory nor skin sensitization.
Mutagenicity	No evidence for germ cell mutagenicity.
Carcinogenicity, other information	No evidence for carcinogenicity.
Reproductive toxicity	No evidence for reproductive toxicity.
Assessment of specific target organ SE, classification	No evidence for STOT-single exposure.
Assessment of specific target organ toxicity RE, classification	No evidence for STOT-repeated exposure.
Assessment of aspiration hazard, classification	No evidence for aspiration hazard.

Symptoms of exposure

Symptoms of overexposure	No specific symptoms noted.

SECTION 12: Ecological information

12.1. Toxicity

Substance	oxirane, 2-methyl-, polymer with oxirane, monoisotridecyl ether, block
Acute aquatic, fish	**Value:** 1 - 10 mg/l **Test duration:** 96h **Species:** Brachydanio rerio **Method:** LC50
Substance	Sodium p-cumenesulphonate
Acute aquatic, fish	**Value:** 1000 mg/l **Method:** LC50
Substance	oxirane, 2-methyl-, polymer with oxirane, monoisotridecyl ether, block
Acute aquatic, algae	**Value:** 10 - 100 mg/l **Test duration:** 72h

	Species: - **Method:** EC50
Substance	Sodium p-cumenesulphonate
Acute aquatic, algae	**Value:** 230 mg/l **Method:** LC50
Substance	oxirane, 2-methyl-, polymer with oxirane, monoisotridecyl ether, block
Acute aquatic, Daphnia	**Value:** 1 - 10 mg/l **Test duration:** 48h **Species:** Daphnia **Method:** EC50
Substance	Sodium p-cumenesulphonate
Acute aquatic, Daphnia	**Value:** 1000 mg/l **Method:** EC50
Ecotoxicity	The product is not expected to be hazardous to the environment.
Aquatic, comments	No data recorded.

12.2. Persistence and degradability

Substance	oxirane, 2-methyl-, polymer with oxirane, monoisotridecyl ether, block
Biodegradability	**Value:** ≥ 90 % **Method:** Mod. OECD 301E
Persistence and degradability, comments	The product is easily biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential	The product is not bioaccumulating.

12.4. Mobility in soil

Mobility	The product is water soluble and may spread in water systems.

12.5. Results of PBT and vPvB assessment

PBT assessment results	This substance is not classified as PBT or vPvB.

12.6. Other adverse effects

Environmental details, summation	For this product no classification is required for environmental hazards.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Specify the appropriate methods of disposal	Do not empty into drains. Dispose of this material, waste, residues and packaging in accordance with local authority requirements.

SECTION 14: Transport information

Dangerous goods	No

14.1. UN number

Comments	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.2. UN proper shipping name

Comments	Not relevant.

14.3. Transport hazard class(es)

Comments	Not relevant.

14.4. Packing group

Comments	Not relevant.

14.5. Environmental hazards

Comments	Not relevant.

14.6. Special precautions for user

Special safety precautions for user	Not relevant.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Additional information

Additional information	Not relevant.

SECTION 15: Regulatory information

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

Other label information	Classified as Non-Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety regulations, Australia.

15.2. Chemical safety assessment

Chemical safety assessment performed	No

SECTION 16: Other information

List of relevant H-phrases (Section 2 and 3)	H319 Causes serious eye irritation.
Training advice	No particular training or education is required but the user must be familiar with this SDS. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.
Key literature references and sources for data	Preparation of Safety Data Sheets for Hazardous Chemicals Code of Practice Standard for the Uniform Scheduling of Medicines and Poisons. Australian Code for the Transport of Dangerous Goods by Road & Rail. Model Work Health and Safety Regulations, Schedule 10: Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals. Workplace exposure standards for airborne contaminants, Safe work Australia. American Conference of Industrial Hygienists (ACGIH) Globally Harmonised System of classification and labelling of chemicals.
Information added, deleted or revised	Revised-new safety data sheet.
Version	2.3
Prepared by	ALM
Comments	END OF SDS