SAFETY DATA SHEET

HYLINE HLU 3000

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

1.1. Product identifier

Trade name

HYLINE HLU 3000

Product no.

72207, 72219, 72222, 72242

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

▼Relevant identified uses of the substance or mixture

Dishwasher rinse.
Restricted to professional and industrial use.

Uses advised against

None known.

1.3. Details of the supplier of the safety data sheet

Company and address

HOBART GmbH
Robert-Bosch-Strasse 17
DE-77656 Offenburg
Germany
www.hobart.de

E-mail

info@hobart.de

Revision

08/05/2026

SDS Version

3.0

Date of previous version

13/05/2024 (2.0)

1.4. ▼Emergency telephone number

Healthcare professionals: Dial 0344 892 0111 to reach The National Poisons Information Service (NPIS) (24 hour service)
General public:
England - Dial 111 to reach NHS 111 (24 hour service)
Scotland - Dial 111 to reach NHS 24 (24 hour service)
Wales - Dial 111 or 0845 4647 to reach NHS Direct (24 hour service)
See section 4 “First aid measures”.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

2.2. Label elements

Hazard pictogram(s)

Not applicable.

Signal word

Not applicable.

Hazard statement(s)

Not applicable.

Precautionary statement(s)

▼General:

Not applicable.

▼Prevention:

Not applicable.

▼Response:

Not applicable.

▼Storage:

Not applicable.

▼Disposal:

Not applicable.

▼Hazardous substances

Contains no substances that need to be listed on the label.

Additional labelling

EUH210, Safety data sheet available on request.

Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law

≥5% - <15%

· Non-ionic surfactants

< 5%

· Anionic surfactants

· Preservation agent (PHENOXYETHANOL)

2.3. Other hazards

▼Additional warnings

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification. This product does not contain any substances considered to be endocrine disruptors in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2023/707.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable. This product is a mixture.

3.2. ▼Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Oxirane, methyl-, polymer with oxirane, monobutyl ether	CAS No.: 9038-95-3 EC No.: UK-REACH: Index No.:	5-10%	Acute Tox. 4, H302	
Oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block	CAS No.: 196823-11-7 EC No.: 677-779-4 UK-REACH: Index No.:	3-5%	Eye Irrit. 2, H319	
Sodium p-cumenesulphonate	CAS No.: 15763-76-5 EC No.: 239-854-6 UK-REACH: 01-2119489411-37-xxxx Index No.:	1-3%	Eye Irrit. 2, H319	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

Other information

-

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

▼Inhalation

In case of discomfort: bring the person into fresh air.

Skin contact

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

▼Eye contact

Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.

▼Ingestion

Rinse and flush mouth thoroughly and consume large quantities of water. In case of continued discomfort: seek medical assistance and bring this safety data sheet.

Burns

Not applicable.

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

None known.

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

Treat symptomatically.

Information to medics

Bring this safety data sheet or the label from this product.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.
Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

5.3. ▼Advice for firefighters

No specific requirements.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Contaminated areas may be slippery.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill

6.3. Methods and material for containment and cleaning up

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.
Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 “Disposal considerations” on handling of waste.
See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Smoking, drinking and consumption of food is not allowed in the work area.
See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. ▼Conditions for safe storage, including any incompatibilities

Shelf-life: 36 months.

Recommended storage material

Keep only in original packaging.

Storage conditions

0 - 35 °C

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No substances are listed in the national list of substances with an occupational exposure limit.

DNEL

2-phenoxyethanol

Duration:	Route of exposure:	DNEL:
Long term – Systemic effects - General population	Dermal	10.42 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	20.83 mg/kg bw/day
Long term – Local effects - General population	Inhalation	2.41 mg/m³
Long term – Local effects - Workers	Inhalation	5.7 mg/m³
Long term – Systemic effects - General population	Inhalation	2.41 mg/m³
Long term – Systemic effects - Workers	Inhalation	5.7 mg/m³
Long term – Systemic effects - General population	Oral	9.23 mg/kg bw/day
Short term – Systemic effects - General population	Oral	9.23 mg/kg bw/day

Sodium p-cumenesulphonate

Duration:	Route of exposure:	DNEL:
Long term – Local effects - General population	Dermal	48 µg/cm²
Long term – Local effects - Workers	Dermal	96 µg/cm²
Long term – Systemic effects - General population	Dermal	68.1 mg/kg bw/day
Long term – Systemic effects - Workers	Dermal	191 mg/kg bw/day
Long term – Systemic effects - General population	Inhalation	6.6 mg/m³
Long term – Systemic effects - Workers	Inhalation	37.4 mg/m³
Long term – Systemic effects - General population	Oral	3.8 mg/kg bw/day

PNEC

2-phenoxyethanol

Route of exposure:	Duration of Exposure:	PNEC:
Freshwater		943 µg/L
Freshwater sediment		7.237 mg/kg
Intermittent release (freshwater)		3.44 mg/L
Marine water		94.3 µg/L
Marine water sediment		723.7 µg/kg
Sewage treatment plant		36 mg/L
Soil		1.31 mg/kg

Sodium p-cumenesulphonate

Route of exposure:	Duration of Exposure:	PNEC:

Freshwater	100 µg/L
Freshwater sediment	372 µg/kg
Intermittent release (freshwater)	1 mg/L
Marine water	10 µg/L
Marine water sediment	37.2 µg/kg
Sewage treatment plant	100 mg/L
Soil	16 µg/kg

8.2. ▼Exposure controls

Apply general control to prevent unnecessary exposure

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

Occupational exposure limits have not been defined for the substances in this product.

Appropriate technical measures

Apply standard precautions during use of the product. Avoid inhalation of vapours.

▼Hygiene measures

Wash hands after use.

Measures to avoid environmental exposure

No specific requirements.

Individual protection measures, such as personal protective equipment

Generally

Use only UKCA marked protective equipment.

Respiratory Equipment

Type	Class	Colour	Standards
No special when used as intended.			

Skin protection

No specific requirements.

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
No special when used as intended	-	-	-

Eye protection

Type	Standards
No special when used as intended.	-

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Colourless

▼Odour / Odour threshold

No data available.

pH

~ 4,5

Density (g/cm^3)

~ 1,0

Kinematic viscosity

< 50 mPa.s

Particle characteristics

Does not apply to liquids.

Phase changes

▼Melting point/Freezing point (°C)

No data available.

Softening point/range (°C)

Does not apply to liquids.

▼Boiling point (°C)

No data available.

▼Vapour pressure

No data available.

▼Relative vapour density

No data available.

▼Decomposition temperature (°C)

No data available.

Data on fire and explosion hazards

▼Flash point (°C)

No data available.

▼Flammability (°C)

No data available.

▼Auto-ignition temperature (°C)

No data available.

▼Lower and upper explosion limit (% v/v)

No data available.

Solubility

Solubility in water

Completely soluble

▼n-octanol/water coefficient (LogKow)

No data available.

▼Solubility in fat (g/L)

No data available.

9.2. Other information

VOC (g/l)

0

Oxidizing properties

Does not meet the criteria for oxidising.

Other physical and chemical parameters

No data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No data available.

10.2. Chemical stability

The product is stable under the conditions, noted in section 7 “Handling and storage”.

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

10.6. ▼Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

▼Acute toxicity

Product/substance	Oxirane, methyl-, polymer with oxirane, monobutyl ether
Test method:	OECD 423
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	300-2000 mg/kg
Other information:	Source: Supplier SDS

Product/substance	Oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block
Test method:	OECD 423
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>2000 - 5000 mg/L
Other information:	Source: Supplier SDS

Product/substance	Sodium p-cumenesulphonate

Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>7000 mg/kg
Other information:	Source: ECHA

Product/substance	Sodium p-cumenesulphonate
Test method:	OECD 403
Species:	Rat
Route of exposure:	Inhalation
Test:	LC50
Result:	>6,41 mg/L
Other information:	Source: ECHA

Product/substance	Sodium p-cumenesulphonate
Test method:	OECD 402
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>2000 mg/kg
Other information:	Source: ECHA

Product/substance	2-phenoxyethanol
Test method:	OECD 401
Species:	Rat, male/female
Route of exposure:	Oral
Test:	LC50
Result:	1840 mg/kg
Other information:	Source: ECHA

Product/substance	2-phenoxyethanol
Species:	Rabbit
Route of exposure:	Dermal
Test:	LD50
Result:	>5000 mg/kg
Other information:	Source: ECHA

Based on available data, the classification criteria are not met.

▼Skin corrosion/irritation

Product/substance	Oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block
Test method:	OECD 404
Result:	Adverse effect observed (Irritating)
Other information:	Source: Supplier SDS

Based on available data, the classification criteria are not met.

▼Serious eye damage/irritation

Product/substance	Oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block
Test method:	OECD 405
Species:	Rabbit
Result:	Adverse effect observed (Slightly irritating)

Other information:	Source: Supplier SDS

Product/substance	2-phenoxyethanol
Test method:	OECD 405
Species:	Rabbit
Result:	Adverse effect observed (Causes serious eye damage)
Other information:	Source: ECHA

Based on available data, the classification criteria are not met.

Respiratory sensitisation

Based on available data, the classification criteria are not met.

Skin sensitisation

Based on available data, the classification criteria are not met.

Germ cell mutagenicity

Based on available data, the classification criteria are not met.

Carcinogenicity

Based on available data, the classification criteria are not met.

Reproductive toxicity

Based on available data, the classification criteria are not met.

STOT-single exposure

Based on available data, the classification criteria are not met.

STOT-repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard

Based on available data, the classification criteria are not met.

▼Symptoms related to the physical, chemical and toxicological characteristics

None known.

11.2. Information on other hazards

▼Endocrine disrupting properties

This mixture/product does not contain any substances known to have hormone-disrupting properties in relation to health.

Other information

None known.

SECTION 12: Ecological information

12.1. ▼Toxicity

Product/substance	Oxirane, methyl-, polymer with oxirane, monobutyl ether
Test method:	OECD 203
Species:	Fish, Brachydanio rerio
Duration:	96 hours
Test:	LC50
Result:	> 100 mg/L
Other information:	Source: Supplier SDS

Product/substance	Oxirane, methyl-, polymer with oxirane, monobutyl ether

Species:	Algae, Scenedesmus subspicatus
Duration:	72 hours
Test:	EC50
Result:	> 100 mg/L
Other information:	Source: Supplier SDS

Product/substance	Oxirane, methyl-, polymer with oxirane, monobutyl ether
Species:	Crustacean, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	> 100 mg/L
Other information:	Source: ECHA

Product/substance	Oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block
Test method:	OECD 203
Species:	Fish, Brachydanio rerio
Duration:	96 hours
Test:	LC50
Result:	>2,15 - < 4,64 mg/L
Other information:	Source: Supplier SDS

Product/substance	Oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block
Test method:	DIN 38412
Species:	Algae, Scenedesmus subspicatus
Duration:	72 hours
Test:	EC50
Result:	37,07 mg/L
Other information:	Source: Supplier SDS

Product/substance	Oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Test:	EC50
Result:	3,59 mg/L
Other information:	Source: Supplier SDS

Product/substance	Oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block
Test method:	DIN 38412
Species:	Algae, Scenedesmus subspicatus
Duration:	72 hours
Test:	EC10
Result:	16,75 mg/L
Other information:	Source: Supplier SDS

Product/substance	Sodium p-cumenesulphonate
Test method:	OECD 203
Species:	Fish, Oncorhynchus mykiss
Compartment:	Freshwater
Duration:	96 hours
Test:	LC50

Result:	>1000 mg/L
Other information:	Source: ECHA

Product/substance	Sodium p-cumenesulphonate
Test method:	EPA OTS 797.1050
Species:	Algae, Pseudokirchneriella subcapitata
Compartment:	Freshwater
Duration:	96 hours
Test:	EC50
Result:	230 mg/L
Other information:	Source: ECHA

Product/substance	Sodium p-cumenesulphonate
Species:	Crustacean, Daphnia magna
Compartment:	Freshwater
Duration:	48 hours
Test:	EC50
Result:	1000 mg/L
Other information:	Source: ECHA

Product/substance	2-phenoxyethanol
Species:	Fish, Pimephales promelas
Compartment:	Freshwater
Duration:	96 hours
Test:	LC50
Result:	344 mg/L
Other information:	Source: ECHA

Product/substance	2-phenoxyethanol
Species:	Daphnia, Daphnia magna
Duration:	48 hours
Test:	LC50
Result:	488 mg/L
Other information:	Source: ECHA

Product/substance	2-phenoxyethanol
Test method:	OECD 201
Species:	Algae, Scenedesmus subspicatus
Compartment:	Freshwater
Duration:	48 hours
Test:	EC50
Result:	>100 mg/L
Other information:	Source: ECHA

Based on available data, the classification criteria are not met.

Not classified as dangerous to the environment.

12.2. ▼Persistence and degradability

The product is easily biodegradable.

Product/substance	Oxirane, methyl-, polymer with oxirane, monobutyl ether
Result:	> 60 %

Conclusion:	Readily biodegradable
Test:	OECD 301 F

Product/substance	Oxirane, methyl-, polymer with oxirane, monoisotridecyl ether, block
Duration:	28 days
Result:	> 70 %
Conclusion:	Readily biodegradable
Test:	OECD 301 A
Other information:	Source: Supplier SDS

Product/substance	Sodium p-cumenesulphonate
Conclusion:	Readily biodegradable

Product/substance	2-phenoxyethanol
Conclusion:	Readily biodegradable

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

12.3. Bioaccumulative potential

The product is not bioaccumulating

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

12.6. Endocrine disrupting properties

This mixture/product does not contain any substances considered to have endocrine-disrupting properties in relation to the environment.

12.7. Other adverse effects

None known.

SECTION 13: Disposal considerations

Waste treatment methods

Product is not covered by regulations on dangerous waste.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.
Do not empty into drains; dispose of this material and its container at hazardous or special waste collection point.
Dispose of waste and residues in accordance with local authority requirements.

EWC code

20 01 30 Detergents other than those mentioned in 20 01 29

Specific labelling

▼Contaminated packing

▼EWC code

15 01 02 Plastic packaging

SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR/ADN/RID	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group
** Environmental hazards

▼Additional information

Not dangerous goods according to ADR/ADN/RID, IATA and IMDG.

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: Regulatory information

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

Restrictions for application

Restricted to professional users.

Demands for specific education

No specific requirements.

Control of Major Accident Hazards (COMAH) - Categories / dangerous substances

Not applicable.

Labelling of contents according to Detergents Regulation (EC) No 648/2004 as retained and amended in UK law

≥5% - <15%

· Non-ionic surfactants

< 5%

· Anionic surfactants

· Preservation agent (PHENOXYETHANOL)

Additional information

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No 648/2004 on detergents as retained and amended in UK law. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer.

Sources

Regulation (EC) No 648/2004 on detergents as retained and amended in UK law.
Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.
Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.
Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) as retained and amended in UK law.

15.2. Chemical safety assessment

No

SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

H302, Harmful if swallowed.

H319, Causes serious eye irritation.

▼Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway
ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road
ATE = Acute Toxicity Estimate
BCF = Bioconcentration Factor
CAS = Chemical Abstracts Service
CE = Conformité Européenne (European conformity)
CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]
CSA = Chemical Safety Assessment
CSR = Chemical Safety Report
DMEL = Derived Minimal Effect Level
DNEL = Derived No Effect Level
EC = Effective concentration
ED = Effective dose
EINECS = European Inventory of Existing Commercial chemical Substances
EL = Effective Loading
ErC = Concentration associated with x% growth rate response
ES = Exposure Scenario
EUH statement = CLP-specific Hazard statement
EuPCS = European Product Categorisation System
EWC = European Waste Catalogue
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
GWP = Global warming potential
HP = Hazardous Property code
IARC = International Agency for Research on Cancer (IARC)
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IC = X maximum inhibitory concentration
IMDG = International Maritime Dangerous Goods
LC = Lethal concentration
LCLo = Value is the lowest concentration of a material in air reported to have caused the death of animals or humans
LD = Lethal dose
LOAEC = Lowest Observed Adverse Effect Concentration
LOAEL = Lowest Observed Adverse Effect Level
LOEC = Lowest Observed Effect Concentration
LogKow = logarithm of the n-octanol/water coefficient
LL = Lethal Loading
M = For multiplication factor
MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of

1978. ("Marpol" = marine pollution)
NOAEC = No Observed Adverse Effect Concentration
NOAEL = No Observed Adverse Effect Level
NOEC = No Observed Effect Concentration
NOELR = No Observable Effect Loading Rate
OECD = Organisation for Economic Co-operation and Development
PBT = Persistent, Bioaccumulative and Toxic
PNEC = Predicted No Effect Concentration
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SCL = A specific concentration limit
SVHC = Substances of Very High Concern
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

▼Additional information

In accordance with UK-REACH, a safety data sheet is not required for this product. This safety data sheet has been created on a voluntary basis to distribute relevant information as required by UK-REACH.

The safety data sheet is validated by

IUBO

Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.
The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.
It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.
Country-language: GB-en