

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

HYLINE HLU-3000

Print date: 22.05.2013

Product code: HLU-3000

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

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Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Cleaning agent, acidic.

Uses advised against

none/none

Details of the supplier of the safety data sheet

Company name: HOBART UK
Street: Southgate Way
Place: Peterborough
Telephone: 0844 888 7777
e-mail: part.sales@hobartuk.com
Internet: www.hobartuk.com
Responsible Department: Spare part sales e-mail; julian.fisher@hobartuk.com
Telephone; 01733 392287

Emergency telephone: 0845 4647**SECTION 2: Hazards identification****Classification of the substance or mixture**

This mixture is not classified as dangerous according to Directive 1999/45/EC.

Label elements**Special labelling of certain mixtures**

Safety data sheet available for professional user on request.

SECTION 3: Composition/information on ingredients**Mixtures****Hazardous components**

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
	non-ionic surfactants	5 - 15 %
	Xi R36/38	
	Eye Irrit. 2, Skin Irrit. 2; H319 H315	

Full text of R- and H-phrases: see section 16.

Further Information

Full text of R- and H-phrases: see section 16.

Labelling for contents according to regulation (EC) No 648/2004, annex 7:

5 - 15 % non-ionic surfactants

< 1% Preservatives: 3-acetyl-6-methyl-2H-pyran-2,4(3H)-dione, dehydracetic acid



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2-phenoxyethanol, Benzoic acid

SECTION 4: First aid measures

Description of first aid measures

General information

In case of accident or if you feel unwell, seek medical advice immediately (show safety data sheet if possible).

After inhalation

Provide fresh air. In all cases of doubt, or when symptoms persist, seek medical advice.

After contact with skin

After contact with skin, wash immediately with plenty of water. In case of skin irritation, seek medical treatment.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

After ingestion

Rinse mouth thoroughly with water. Let water be swallowed in little sips (dilution effect). In all cases of doubt, or when symptoms persist, seek medical advice.

Indication of any immediate medical attention and special treatment needed

First Aid, decontamination, treatment of symptoms.

SECTION 5: Firefighting measures

Extinguishing media

Suitable extinguishing media

dry extinguishing powder. Carbon dioxide (CO₂). Water spray.

Extinguishing media which must not be used for safety reasons

High power water jet.

Special hazards arising from the substance or mixture

Can be released in case of fire: Carbon monoxide. Carbon dioxide (CO₂).

Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Wear a self-contained breathing apparatus and chemical resistant suit.

Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water. Extinguishing materials should be selected according to the surrounding area. Use water spray/stream to protect personnel and to cool endangered containers.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment. (Refer to chapter 8.)

Environmental precautions

Do not empty into drains or the aquatic environment.

Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the assimilated material according to the section on waste disposal. Clear contaminated area thoroughly.

SECTION 7: Handling and storage

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Precautions for safe handling**Advice on safe handling**

Wear suitable protective clothing. (Refer to chapter 8.)

Advice on protection against fire and explosion

Usual measures for fire prevention.

Further information on handling

Shelf Life (months): 12

Conditions for safe storage, including any incompatibilities**Requirements for storage rooms and vessels**

Unsuitable materials for Container: metal.

Keep container tightly closed. Keep/Store only in original container.

Advice on storage compatibility

Do not store together with: Explosives. Oxidizing solids. Oxidizing liquids. Radioactive substances. Infectious substances.

Further information on storage conditions

Protect against: Light. UV-radiation/sunlight. heat. frost. moisture.

SECTION 8: Exposure controls/personal protection**Control parameters****Exposure controls****Occupational exposure controls**

Wear suitable protective clothing.

Protective and hygiene measures

Always close containers tightly after the removal of product. Do not eat, drink, smoke or sneeze at the workplace. Wash hands before breaks and at the end of work.

Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

Hand protection

Pull-over gloves of rubber. DIN EN 374

Suitable material:

(penetration time (maximum wearing period): ≥ 8 h):

Butyl rubber. (0,5 mm)

FKM (fluororubber). (0,4 mm)

CR (polychloroprenes, Chloroprene rubber). (0,5 mm)

Before using check leak tightness / impermeability. In case of reutilization, clean gloves before taking off and store in well-aired place.

Eye protection

Suitable eye protection: Tightly sealed safety glasses., DIN EN 166

Skin protection

Suitable protection of the body: Lab apron.

Environmental exposure controls

This material and its container must be disposed of in a safe way.

SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	colourless-light yellow
Odour:	characteristic

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Test method

pH-Value: 4

Changes in the physical state

Boiling point: not determined

Flash point: not determined

Explosive properties

none/none

Oxidizing properties

none/none

Density: 1,01 g/cm³**Solubility in other solvents**

miscible.

SECTION 10: Stability and reactivity**Reactivity**

No information available.

Chemical stability

Stable under normal storage and handling conditions.

Possibility of hazardous reactions

In a watery solution and in contact with metals, product develops hydrogen . Contact with acids liberates toxic gas.

Conditions to avoid

heat. frost.

Incompatible materials

Materials to avoid: strong alkalis Oxidizing agents, strong.

Hazardous decomposition productsCan be released in case of fire: Carbon monoxide. Carbon dioxide (CO₂).**SECTION 11: Toxicological information****Information on toxicological effects****Irritation and corrosivity**

Irritant effect on the eye: Not an irritant.

Irritant effect on the skin: Not an irritant.

Sensitising effects

propan-2-ol; isopropyl alcohol; isopropanol:

no danger of sensitization.

Severe effects after repeated or prolonged exposure

2-Hydroxy-1,2,3-propantricarbonsäure:

NOAEL = 1500 mg/kg

propan-2-ol; isopropyl alcohol; isopropanol:

Chronic inhalative toxicity (Rat.): NOAEC = 5000 ppm (OECD 451)

Carcinogenic/mutagenic/toxic effects for reproduction

2-Hydroxy-1,2,3-propantricarbonsäure:

In-vivo mutagenicity: negative.

propan-2-ol; isopropyl alcohol; isopropanol:

In-vitro mutagenicity: negative.

SECTION 12: Ecological information

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Bioaccumulative potential

No indication of bio-accumulation potential.
The statement is derived from the properties of the components.

Mobility in soil

No information available.

Results of PBT and vPvB assessment

No information available.

SECTION 13: Disposal considerations**Waste treatment methods****Advice on disposal**

Waste disposal according to official state regulations. Consult the local waste disposal expert about waste disposal.

Waste disposal number of waste from residues/unused products

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing dangerous substances
Classified as hazardous waste.

Waste disposal number of used product

200129 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; separately collected fractions (except 15 01); detergents containing dangerous substances
Classified as hazardous waste.

Waste disposal number of contaminated packaging

150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by dangerous substances
Classified as hazardous waste.

Contaminated packaging

Cleaned containers may be recycled.

SECTION 14: Transport information**Land transport (ADR/RID)****Other applicable information (land transport)**

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information**Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information**Changes****Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the

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International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
NOAEL: No observed adverse effect level

Full text of R-phrases referred to under sections 2 and 3

36/38 Irritating to eyes and skin.

Full text of H-Statements referred to under sections 2 and 3

H315 Causes skin irritation.

H319 Causes serious eye irritation.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)