

**Safety data sheet**  
**COMMISSION REGULATION (EC) 2020/878 , amending Article 31**  
**of Annex II to Regulation (EC) No 1907/2006**

Printing date 26.01.2024

Version number 6 (replaces version 5)

Revision: 26.01.2024

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

**1.1 Product identifier****Trade name:** Hobart Hyline HP-100**1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

**Application of the substance / the mixture**

Product is for professional use only.

Cleaning material/ Detergent

**1.3 Details of the supplier of the safety data sheet****Manufacturer/Supplier:**

Lieferant: Hobart GmbH  
 Robert-Bosch-Straße 17  
 77656 Offenburg, Deutschland  
 Tel.: 0781 600-0, Fax: 0781 600-23 19  
 info@hobart.de  
 www.hobart.de

**Informing department:**

Hobart GmbH  
 Tel.: 0781 600-0, Fax: 0781 600-23 19  
 info@hobart.de

**1.4 Emergency telephone number:**

Berlin - Institut für Toxikologie - Klinische Toxikologie und Giftnotruf Berlin  
 Tel. (+49) 030 30686 700  
 E-Mail: mail@giftnotruf.de

## SECTION 2: Hazards identification

**2.1 Classification of the substance or mixture****Classification according to Regulation (EC) No 1272/2008**

Met. Corr.1 H290 May be corrosive to metals.

Skin Corr. 1A H314 Causes severe skin burns and eye damage.

Eye Dam. 1 H318 Causes serious eye damage.

**2.2 Label elements****Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the GB CLP regulation.

**Hazard pictograms**

GHS05

**Signal word** Danger**Hazard-determining components of labelling:**

sodium hydroxide

**Hazard statements**

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

**Precautionary statements**

P260 Do not breathe dust.

P280 Wear protective gloves / eye protection.

P280 Wear protective clothing.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P314 Get medical advice/attention if you feel unwell.

P406 Store in a corrosion resistant container / container with a resistant inner liner.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable.

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**Trade name: Hobart Hyline HP-100****vPvB:** Not applicable.

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**SECTION 3: Composition/information on ingredients****3.2 Mixtures** Mixture of alkalies, phosphates and surfactants.**Dangerous components:**

CAS: 1310-73-2	sodium hydroxide	> 30%
EINECS: 215-185-5	Met. Corr. 1, H290; Skin Corr. 1A, H314	
Index number: 011-002-00-6	Specific concentration limits: Skin Corr. 1A; H314: C ≥ 5 %	
Reg.nr.: 01-2119457892-27	Skin Corr. 1B; H314: 2 % ≤ C < 5 %	
	Skin Irrit. 2; H315: 0.5 % ≤ C < 2 %	
	Eye Irrit. 2; H319: 0.5 % ≤ C < 2 %	

**Classification in accordance with Directive 648/2004:**

non-ionic surfactants, phosphates	<5%
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**Additional information** For the wording of the listed hazard phrases refer to section 16.**SECTION 4: First aid measures****4.1 Description of first aid measures****General information** Instantly remove any clothing soiled by the product.**After inhalation** Seek medical treatment in case of complaints.**After skin contact**

Instantly wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

**After eye contact** Rinse opened eye for several minutes under running water. Then consult doctor.**After swallowing** Drink copious amounts of water and provide fresh air. Instantly call for doctor.**4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.**4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

**SECTION 5: Firefighting measures****5.1 Extinguishing media****Suitable extinguishing agents**CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet.

Use fire fighting measures that suit the environment.

**5.2 Special hazards arising from the substance or mixture** No further relevant information available.**5.3 Advice for firefighters****Protective equipment:** Wear self-contained breathing apparatus.**Additional information** Product is not combustible.**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures** Wear protective clothing.**6.2 Environmental precautions:**

Do not allow product to reach sewage systems or water bodies in great quantities.

**6.3 Methods and material for containment and cleaning up:**

Collect mechanically.

Dispose of the material collected according to regulations.

**6.4 Reference to other sections**

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling**

Prevent formation of dust.

Avoid contact with the eyes

**Information about protection against explosions and fires:** No special measures required.

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**7.2 Conditions for safe storage, including any incompatibilities****Storage****Requirements to be met by storerooms and containers:**

The official regulations for storage of chemicals hazardous to water must be observed.

Use only containers specifically permitted for this substance/product.

**Information about storage in one common storage facility:** Special Storage of hazardous substances.**Further information about storage conditions:**

Keep container tightly sealed.

Store under dry conditions.

**Storage class** TRGS 510: LGK 8B**7.3 Specific end use(s)** No further relevant information available.**SECTION 8: Exposure controls/personal protection****CAS: 1310-73-2 sodium hydroxide**WEL Short-term value: 2 mg/m<sup>3</sup>**8.1 Control parameters****Components with limit values that require monitoring at the workplace:**

General dust limit:

AGW: 3 mg/m<sup>3</sup> , 10 mg/m<sup>3</sup> (2.4 TRGS 900)**Additional information:** The lists that were valid during the compilation were used as basis.**8.2 Exposure controls****Individual protection measures, such as personal protective equipment****General protective and hygienic measures**

The usual precautionary measures should be adhered to general rules for handling chemicals.

Avoid contact with the eyes and skin.

Keep away from foodstuffs, beverages and food.

Instantly remove any clothing soiled by the product.

**Breathing equipment:**

In case of dust generation wear a dust mask.

Filter P3, FFP3 (EN 143)

**Hand protection**

Chemical resistant protective gloves (EN 374).



Protective gloves

**Material of gloves**

Chemical protection gloves of the category III in accordance with EN 374. Consider the data of the manufacturers at the permeability and break-through times as well as the special conditions on the job (mechanical load, contact duration)

Thickness: &gt; 0.4 mm, Breakthrough time: &gt; 480 min, Material: nitrile, butyl rubber

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye/face protection** Tightly sealed safety glasses (EN 166).**Body protection:** Wear suitable protective clothing.**SECTION 9: Physical and chemical properties****9.1 Information on basic physical and chemical properties****General Information****Physical state**

Solid.

**Colour:**

white

**Odour:**

slightly of surfactant

**Odour threshold:**

Not determined

**Melting point/freezing point:**

Not determined

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<b>Boiling point or initial boiling point and boiling range</b>	Not determined
<b>Flammability</b>	Not determined.
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Flash point:</b>	Not applicable
<b>Auto-ignition temperature:</b>	Not determined
<b>Decomposition temperature:</b>	Not determined
<b>pH (10 g/l) at 20 °C</b>	> 12.5
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	Not applicable.
<b>dynamic:</b>	Not applicable.
<b>Solubility</b>	
<b>Water at 20 °C:</b>	> 50 g/l
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Vapour pressure:</b>	Not applicable.
<b>Density and/or relative density</b>	
<b>Density</b>	Not applicable
<b>Relative density</b>	Not determined.
<b>Bulk weight at 20 °C</b>	990 kg/m <sup>3</sup>
<b>Vapour density</b>	Not applicable.

**9.2 Other information**

<b>Appearance:</b>	
<b>Form:</b>	Powder
<b>Important information on protection of health and environment, and on safety.</b>	
<b>Self-flammability:</b>	Product is not selfigniting.
<b>Explosive properties:</b>	Not determined.
<b>Change in condition</b>	
<b>Crystallisation temperature / range:</b>	Not determined
<b>Oxidising properties</b>	no
<b>Evaporation rate</b>	Not applicable.

**Information with regard to physical hazard classes**

<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void
<b>Self-reactive substances and mixtures</b>	Void
<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void
<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<b>Organic peroxides</b>	Void
<b>Corrosive to metals</b>	May be corrosive to metals.
<b>Desensitised explosives</b>	Void

**SECTION 10: Stability and reactivity****10.1 Reactivity** No further relevant information available.**10.2 Chemical stability****Thermal decomposition / conditions to be avoided:**

No decomposition if used and stored according to specifications.

**10.3 Possibility of hazardous reactions**

Reacts with light alloys in the presence of moisture to form hydrogen

Strong exothermic reaction with acids

**10.4 Conditions to avoid** No further relevant information available.**10.5 Incompatible materials:** No further relevant information available.

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**Trade name: Hobart Hyline HP-100****10.6 Hazardous decomposition products:** No dangerous decomposition products known.

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**SECTION 11: Toxicological information****11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity** No data for the preparation available.**LD/LC50 values that are relevant for classification:**

Components	Type	Value	Species
<b>CAS: 1310-73-2 sodium hydroxide</b>			
Oral	LD50	2000 mg/kg (rat)	

**Skin corrosion/irritation**

Causes severe skin burns and eye damage.

**Serious eye damage/irritation**

Causes serious eye damage.

**Respiratory or 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.**Additional toxicological information:**

The toxicological evaluation of the preparation took place in accordance with computation methods after GefStoffV / GB CLP regulation.

**11.2 Information on other hazards****Endocrine disrupting properties**

None of the ingredients is listed.

**SECTION 12: Ecological information****12.1 Toxicity****Aquatic toxicity:** No further relevant information available.**12.2 Persistence and degradability** No further relevant information available.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**12.5 Results of PBT and vPvB assessment****PBT:** Not applicable.**vPvB:** Not applicable.**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**12.7 Other adverse effects****Additional ecological information:****COD-value:** 10 g O<sub>2</sub>/kg product**General notes:**

If product has entered water course untreated, noxious effects on fishes and water organisms are possible (pH-shift).

The product contains alkali. Normally, before neutralisation normally require neutralisation.

The surfactant(s) contained in this preparation complies(comply) with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents. 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.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Recommendation** Must be specially treated with regard to official regulations.**Waste disposal key number:**

The exact waste code must be agreed with the disposer.

Hazardous waste according to European Waste Catalogue (EWC).

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**Uncleaned packagings:**

150110 packaging containing residues of hazardous substances or contaminated by hazardous substances.

**Recommendation:** Disposal must be made according to official regulations.**SECTION 14: Transport information****14.1 UN number or ID number****ADR, IMDG**

UN1823

**14.2 UN proper shipping name****ADR**

1823 SODIUM HYDROXIDE, SOLID

1823 NATRIUMHYDROXID, FEST

**IMDG**

SODIUM HYDROXIDE, SOLID

**14.3 Transport hazard class(es)****ADR****Class**

8 (C6)

**Label**

8

**IMDG****Class**

8

**Label**

8

**14.4 Packing group****ADR, IMDG**

II

**14.5 Environmental hazards:**

Not applicable.

**14.6 Special precautions for user****Kemler Number:**

80

**EMS Number:**

F-A,S-B

**Segregation groups**

Alkalis

**Stowage Category**

A

**Segregation Code**

SG35 Stow "separated from" SGG1-acids

**14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

**Transport/Additional information:****ADR****Limited quantities (LQ)**

1 kg

**Excepted quantities (EQ)**

Code: E2

Maximum net quantity per inner packaging: 30 g

Maximum net quantity per outer packaging: 500 g

**Transport category**

2

**Tunnel restriction code**

E

**Remarks:**

Dependent on the packing variant special arrangements for "limited quantities" and exemptions (addr Kap.3.4.) can be taken up.

**UN "Model Regulation":**

UN 1823 SODIUM HYDROXIDE, SOLID, 8, II

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**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Directive 2012/18/EU****Named dangerous substances - ANNEX I** None of the ingredients is listed.**National regulations****Water hazard class (Germany):** Water hazard class 1 (Self-assessment): slightly hazardous for water.**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.**SECTION 16: Other information**

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

The above information is based on our present knowledge about the product. It does not guarantee specific product features.

**Full text of R-phrases listed in chapters 2 and 3:**

H290 May be corrosive to metals.

H314 Causes severe skin burns and eye damage.

**Department issuing data specification sheet:** Manufacturer**Reference to modifications:**

Please take notice of the changes made in compare to the last version from 5 in the following sections: 1.16

**Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Met. Corr.1: Corrosive to metals – Category 1

Skin Corr. 1A: Skin corrosion/irritation – Category 1A

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

**Sources** KC-528188j

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