

1 IDENTIFICATION OF PREPARATION AND COMPANY

TRADE NAME	Hepburn Bio Rinse
PRODUCT TYPE	Preparation
USAGE	Rinse aid for dishwashing machines
Versions: 2	Revision date: 16/07/2019
MANUFACTURER/SUPPLIER	Hepburn Bio Care UK Ltd Ashwood House, 8, Ashwood Gardens, Southampton SO16 7LF United Kingdom
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2 HAZARDS IDENTIFICATION

MAIN HAZARDS:	Preparation not classified as dangerous according to Directive 1999/45/EC
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3 COMPOSITION / INFORMATION ON INGREDIENTS

Information on hazardous ingredients:

CONTAINS	%	HAZARD @ 100%	SUPPLY CLASS
Citric acid	1 - 5%	R36	Xi

See Section 16 for further information on EU Classification.

4 FIRST AID MEASURES

EYE CONTACT:	In case of contact with eyes, rinse immediately with plenty of water for at least 15 minutes and seek medical advice
SKIN CONTACT:	After contact with skin, wash immediately affected area with plenty of water. Seek medical advice if irritation persists.
AFTER INGESTION:	If swallowed, rinse mouth with water (only if the person is conscious). If accidentally swallowed rinse mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person.
AFTER INHALATION:	If inhaled, remove person to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

5 FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA	Water Spray, carbon dioxide, dry chemical powder or appropriate foam. For safety reasons do not use full water jet.
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OTHER FIRE FIGHTING CONSIDERATIONS:

In case of fire on the surrounding follow the instructions:
1-Closed containers may build up pressure at elevated temperatures.

2-Avoid inhalation of generated fumes or vapors. Use appropriate respiratory equipment

3-Do not allow the spillage of the fire extinguishing to sink into a drainage system or water area.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:

Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes

Do not stay in dangerous zone without suitable chemical protection clothing and self-contained breathing apparatus.

6 ACCIDENTAL RELEASE MEASURES

See also sections 8 and 13

PERSONAL

Wear chemical safety goggles, rubber boots and rubber gloves. Keep people away, evacuate area.

ENVIRONMENTAL

Avoid preparation contact. Provide ventilation.

CLEANING UP

To avoid possible contamination of the environment, do not discharge into any drains, surface waters or groundwater.

Cover with an inert, inorganic, non-combustible absorbent material (e.g. dry-lime, sand, soda ash).

Place in covered containers using non-sparking tools and transport outdoors.

Avoid open flames or sources of ignition (e.g. pilot lights on gas hot water heater).

Ventilate area and wash spill site after material pickup is complete.

Dispose of in accordance with current laws and regulations.

7 HANDLING & STORAGE

HANDLING

Provide suitable air extraction ventilation in the work areas.

Avoid contact with skin, eyes or clothing. Avoid ingestion and inhalation. Wash hands after handling. Keep containers tightly closed

STORAGE

To be stored in tightly sealed and preferably full containers in cool, dry and ventilated area.

Keep in glass, suitable plastic, aluminum or lacquer-lined containers.

Protect from heat/overheating and sunlight.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

See also section 7

ENGINEERING CONTROLS: Use exhaust ventilation to keep airborne concentration below exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station location.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

EYE PROTECTION: Chemical safety goggles are recommended. Wash contaminated goggles before reuse.

HAND PROTECTION: Compatible chemical-resistant gloves are recommended. Wash contaminated gloves before reuse.

SKIN PROTECTION: Light protective clothing recommended. Wash contaminated clothing before reuse.

RESPIRATORY PROTECTION: Avoid contact with skin and eyes.

OTHER PERSONAL PROTECTIVE WEAR: Required only when aerosols are generated.

Measures should be taken to prevent materials from being splashed into the eyes or on the skin.

Wear eye shields and protective clothing.

Declaration of substances is not required.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear Liquid
COLOUR	Blue
ODOUR	Characteristic
DENSITY:	~ 1.02 g/cm ³ (20°C)
pH VALUE (100%)	~ 2 (20°C)
VISCOSITY:	~ 10 cPoise (20°C)

10 STABILITY AND REACTIVITY

CONDITIONS TO AVOID	Stable under ordinary conditions to use and storage.
MATERIALS TO AVOID	Do not mix with acids, alkaline and oxidizing substances.

11 TOXICOLOGICAL INFORMATION

See also sections 2 and 3

No toxicological information is available on this preparation as such.

12 ECOLOGICAL INFORMATION

BIODEGRADATION:	The surfactants that this product contains are agree with regulation (EC) n° 648/2004 of the European Parliament of 31 March 2004 on detergents. All organic components in this product reach a 60% BOD and 70% COD reduction with the OCDE 301 A-F test of easy biodegradability in 28 days. Therefore the product is classified as readily biodegradable according to OCDE.
FURTHER INFORMATION:	See also paragraphs 6, 7, 13 and 15 Do not allow to get into waste water or waterways.
ECOTOXICITY:	Information not yet available.
BIOACCUMULATION:	Information not yet available.

13 DISPOSAL CONSIDERATIONS

Dispose of in accordance with all federal, state and local environmental regulations.

14 TRANSPORT INFORMATION

International Carriage of Dangerous Goods by Road (ADR)

UN No.: N/A
Packing Group: -
Class: -
Label: -
Proper Shipping Name: Not subject to ADR

Sea Transport (IMDG)
UN No.: N/A
Packing Group: -
Class: -
Label: -
Proper Shipping Name: Not restricted
Marine Pollutant: -

Air Transport (ICAO/IATA)
UN No.: N/A
Packing Group: -
Class: -
Label: -
Proper Shipping Name: Not restricted

15 REGULATORY INFORMATION

Identification of the Substance/Preparation: **Hepburn Bio Rinse**

HEPBURN BIO RINSE



SAFETY DATA SHEET (according to Regulation (EU) No. 1907/2006)

Preparation not classified as dangerous according to Directive 1999/45/EC

16 OTHER INFORMATION

HMIS Rating: Health: 1 Fire: 0 Reactivity: 0 PPE See Section 8

The following sentences represent the sentences R of the components mentioned in the section 3.

Risk Phrases:

R36: Irritating to eyes

This material should only be used for industrial purposes.

Legal disclaimer: *This information is accurate according to the best knowledge of the company. Hepburn Bio Care UK Ltd does not accept any liability whatsoever arising out of the use of the information, or any use, application, adaptation or processing of the product described therein. Contact supplier for further information.*