

SAFETY DATA SHEET

ECOLAB

Conforms to EU regulation EC 1907/2006 and amendments

BENDUROL FORTE

Code : 100492E

Version : 3

Date of revision : 10 January 2008

1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation

Product name : BENDUROL FORTE
Product use : Floor Stripper
Product is for professional use only

Company/undertaking identification

2. Hazards identification

The preparation is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : Not classified.

See section 11 for more detailed information on health effects and symptoms.

3. Composition/information on ingredients

Ingredient declaration according to detergent regulation 648/2004/EC:

≥5 - <15% phosphates
<5% non-ionic surfactants

Contains Perfumes: (Limonene)

Substance/preparation : Preparation

Ingredient name	EINECS	CAS	%	Classification
Phosphates	230-785-7	7320-34-5	5 - 10	Xi; R36/37/38
2-Phenoxyethanol	204-589-7	122-99-6	2 - 5	Xn; R22 Xi; R36
2-(2-butoxyethoxy)ethanol	203-961-6	112-34-5	2 - 5	Xi; R36
Fattyalcohol ethoxylates > 5EO	Polymer.	146340-16-1	1 - 2	Xi; R38 N; R50
See section 16 for the full text of the R-phrases declared above				

Occupational exposure limits, if available, are listed in section 8.

4. First aid measures

First-aid measures

Inhalation : Move exposed person to fresh air. Obtain medical attention if symptoms occur.

Ingestion : Wash out mouth with water. Move exposed person to fresh air. Do not induce vomiting unless directed to do so by medical personnel. Obtain medical attention if symptoms occur.

Skin contact : Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes.

Eye contact : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Get medical attention if irritation occurs.

Specific treatments : Not available.

Date of issue : 10 January 2008**Page:** 1/4

BENDUROL FORTE

See section 11 for more detailed information on health effects and symptoms.

5. Fire-fighting measures

- Extinguishing media - Suitable** : In case of fire, use water spray (fog), foam, dry chemical or CO₂.
- Extinguishing media - Not suitable** : None known.
- Hazardous thermal decomposition products** : Decomposition products may include the following materials:
carbon oxides
sulfur oxides
phosphorus oxides
metal oxide/oxides
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

- Personal precautions** : Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilt material. Avoid breathing vapour or mist. Provide adequate ventilation.
- Environmental precautions** : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.
- Small spill:** : Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container.
- Large spill** : Prevent entry into sewers, water courses, basements or confined areas. 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 (see section 13).

Note: see section 8 for personal protective equipment and section 13 for waste disposal.

7. Handling and storage

- Handling** : Do not ingest. Avoid contact with eyes, skin and clothing. After handling, always wash hands thoroughly with soap and water.
- Storage** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use.
Store between the following temperatures: -5 and 40°C
- Packaging materials**
- Recommended** : Use original container.
- Specific uses** : Not available.

8. Exposure controls/personal protection

Ingredient name

2-(2-butoxyethoxy)ethanol

Occupational exposure limits

EU OEL (Europe, 5/2006).

STEL: 101.2 mg/m³ 15 minute(s).

STEL: 15 ppm 15 minute(s).

TWA: 67.5 mg/m³ 8 hour(s).

TWA: 10 ppm 8 hour(s).

Exposure controls

- Occupational exposure controls** : If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators.
- Respiratory protection (EN 143, 141)** : A respirator is not needed under normal and intended conditions of product use.
- Hand protection (EN 374)** : No special recommendations.

BENDUROL FORTE

Eye protection (EN 166)	:	<input checked="" type="checkbox"/> Safety glasses.
Skin protection (EN 467)	:	<input checked="" type="checkbox"/> No special recommendations.

9. Physical and chemical properties

General information

Appearance

Physical state	:	Liquid.
Colour	:	Clear. [Light]
Odour	:	Amine-like.

Important health, safety and environmental information

pH	:	<input checked="" type="checkbox"/> 0.1 to 10.5 (100%)
Boiling point	:	Not available.
Melting point	:	Not available.
Flash point	:	> 100°C
Flammability (solid, gas)	:	Not applicable.
Explosive properties	:	Not applicable.
Explosion limits	:	Not applicable.
Oxidising properties	:	Not available.
Vapour pressure	:	Not applicable.
Relative density	:	<input checked="" type="checkbox"/> 0.78 to 1.088 g/cm ³ (20 °C)
Solubility	:	Easily soluble in cold water, hot water.
Octanol/water partition coefficient	:	Not applicable.
Viscosity	:	Not available.
Vapour density	:	Not available.
Evaporation rate (butyl acetate = 1)	:	Not applicable.

10. Stability and reactivity

Stability	:	Stable under normal conditions. Do not mix with other products.
-----------	---	--

11. Toxicological information

Potential acute health effects

Inhalation	:	<input checked="" type="checkbox"/> No known significant effects or critical hazards.
Ingestion	:	<input checked="" type="checkbox"/> No known significant effects or critical hazards.
Skin contact	:	<input checked="" type="checkbox"/> No known significant effects or critical hazards.
Eye contact	:	<input checked="" type="checkbox"/> No known significant effects or critical hazards.
Carcinogenicity	:	<input checked="" type="checkbox"/> No known significant effects or critical hazards.
Mutagenicity	:	<input checked="" type="checkbox"/> No known significant effects or critical hazards.
Reproductive toxicity	:	<input checked="" type="checkbox"/> No known significant effects or critical hazards.

12. Ecological information

Ecotoxicity

The product is not subject to ecological classification according to directive 1999/45/EC.

Persistence and degradability

BENDUROL FORTE

The surfactants contained in the product are biodegradable according to the requirements of the detergent regulation 648/2004/EC

13. Disposal considerations

Methods of disposal : The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Can be added to general waste collection after completely emptying. Use packages for recycling only when totally empty.

European waste catalogue (EWC) : 200130

14. Transport information

International transport regulations

Regulatory information	UN number	Proper shipping name	Class	Packing group	Label
ADR/RID Class	Not regulated.	-	-	-	
ADN Class	Not regulated.	-	-	-	
IMDG Class	Not regulated.	-	-	-	

Follow special pack instructions for air transport.

15. Regulatory information

EU regulations

Risk phrases : This product is not classified according to EU legislation.

16. Other information

Full text of R-phrases referred to in sections 2 and 3 - Europe : R22- Harmful if swallowed.
R36- Irritating to eyes.
R38- Irritating to skin.
R36/37/38- Irritating to eyes, respiratory system and skin.
R50- Very toxic to aquatic organisms.

History

Date of printing : 10 January 2008
Date of revision : 10 January 2008
Version : 3
Prepared by : Ecolab Regulatory Department Europe

Notice to reader

The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.