

Safety Data Sheet

In accordance with Directive 91/155/EC

1 - Identification of the Substance/Preparation and Company/Undertaking

Product name BUFFER FC01

Product code FC01

2 - Composition/Information on Ingredients

- DIBASIC POTASSIUM PHOSPHATE (KH₂PO₄): -- g/l (not hazardous)
- MONOBASIC SODIUM PHOSPHATE (Na₂HPO₄): -- g/l (not hazardous)

3 - Hazards Identification

This product is not hazardous according to Directive 67/548/EC.

4 - First Aid Measures

AFTER INHALATION

In case of inhalation, move the exposed person to fresh air.

If breathing becomes difficult, seek medical attention.

AFTER SKIN CONTACT

In case of contact, immediately wash skin with soap and water.

AFTER EYE CONTACT

In case of contact with eyes, flush with copious amounts of water for at least 15 minutes. Make sure that the eyes have been rinsed well by separating the eyelids using the fingers. Seek medical attention.

AFTER INGESTION

If swallowed, rinse mouth with water provided person is conscious. Seek medical attention.

5 - Fire Fighting Measures

EXTINGUISHING MEDIA

Suitable: Water spray. Carbon dioxide, dry chemical powder or appropriate foam. SPECIAL RISKS

Specific risk(s): May emit toxic fumes (phosphorus pentoxide) in case of fire.

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

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

6 - Accidental Release Measures

CLEAN-UP METHODS

Absorb on sand or vermiculite and place in closed containers for disposal. Ventilate area and wash spill site after material pickup is complete.

7 - Handling and Storage

HANDLING

Instructions for safe handling: Avoid inhalation. Avoid contact with eyes, skin and clothing. Avoid prolonged or repeated exposure.

STORAGE

Storage conditions: Keep tightly closed.

8 - Personal Protection/Exposure Control

ENGINEERING MEASURES

Safety shower and eye bath. A mechanical exhaust is required.

GENERAL HYGIENE MEASURES

Wash thoroughly after handling.

PERSONAL PROTECTIVE EQUIPMENT

Respiratory protection: not necessary

Hand protection: Protective gloves.

Eye protection: Chemical safety goggles.

9 - Physical and Chemical Properties

Appearance

Physical state: Liquid

Colour: colourless

pH: 6.3 to 20 °C

Boiling point: 100 °C 760 mmHg

Melting point: N/A

Flammability: not flammable

Autoignition temperature N/A

Oxidizing Properties N/A

Explosive properties N/A

Explosion limits N/A

Vapour pressure N/A

Specific gravity/Density 1 g/cm³ 20 °C

Solubility: miscible with water in any proportion

10 - Stability and Reactivity

Stable.

Materials to avoid: Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Hazardous decomposition products: The nature of the decomposition products is unknown.

HAZARDOUS POLYMERIZATION

Hazardous polymerization: Will not polymerize.

11 - Toxicological Information

SIGNS AND SYMPTOMS OF EXPOSURE

To the best of our knowledge, the chemical, physical and toxicological properties have not been studied.

TYPE OF EXPOSURE

Skin contact: May cause skin irritation.

Skin absorption: May be harmful if absorbed through the skin.

Eye contact: May cause eye irritation.

Inhalation: non-volatile compound that does not produce hazardous vapours. Ingestion: May be harmful if swallowed.

12 - Ecological Information

Not available.

13 - Disposal Considerations

DISPOSAL OF SUBSTANCE

For disposal of this product, contact a company specialized in waste disposal. Observe all European, national and local environmental protection regulations.

14 - Transport Information

RID/ADR

Non-hazardous for road transport.

IMDG

Non-hazardous for sea transport.

IATA

Non-hazardous for air transport.

15 - Regulatory Information

This product is not hazardous according to Directive 67/548/EC.

Caution: substance not yet fully tested

16 - Other Information

WARRANTY

The above information is believed to be correct, but cannot be exhaustive and must only be used as a guide. Jensprima cannot be held

responsible for any damage resulting from handling or from contact with the above product.

Do not use for pharmaceutical, food or household use.