

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

1.1-Product identifier

Name : Kit Urea by differential pHmetry

Code : 034

1.2-Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Professional uses, chemical substances of laboratories, manufacturing of substances

Disadvised uses : Donnée non disponible

1.3-Details of the supplier of the safety data sheet

Society : BIOSENTEC

Address : 65 Allées Campferran
31320 Auzeville-Tolosane
France

Web: www.biosentec.fr

Phone: +33 (0) 5 61 14 93 33

Fax: +33 (0) 5 61 14 93 34

1.4-Emergency telephone number

Emergency number: I.N.R.S.: +33 (0) 1 45 42 59 59

SECTION 2: Hazards identification

2-1. Classification of the substance or mixture

Classification according to regulation (EC) No 1272/2008 :

- Specific target organ toxicity, single exposure (Category 3), H335
- Respiratory sensitization (Category 1), H334

For the complete text of the sentences-H, to see section 16.

2-2. Label elements

Labelling according with reglementation (CE) 1272/2008

Hazards pictograms



Signal word: Danger

Hazard statements:

- H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H335: May cause respiratory irritation.

Precautionary statements:

- P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

2.3- Others hazards

None

SECTION 3 : Composition/informations on ingredients

3.2- Mixture

Name	No. CAS	No. CE	No. Index	Classification	Concentration (w/w)
Urease	9002-13-5	232-656-0	647-014-00-9	Resp. Sens. 1 ; STOT SE 3 ; H334, H335	0.10-1%

SECTION 4 : First aid measures

4.1- Description of first aid measures

General Advices: Consult a doctor. Show this safety data sheet to a doctor.

After inhalation: Transport the person outside the contaminated zone. In case of respiratory arrest, practise the artificial respiration. Consult a doctor.

After eye contact : Rinse with precaution in the water during at least 15 minutes and consult a doctor.

After skin contact : Wash in the soap with a big quantity of water. Consult a doctor.

After ingestion: Never gull anything for one person unconscious. Do not make vomit. Rinse itself the mouth in the water. Consult a doctor.

4.2- Most important symptoms and effects, both acute and delayed

To our knowledge, the chemical, physical and toxicological proprieties were not completely studied.

4.3- Indication des éventuels soins médicaux immédiats et traitements particuliers nécessaires

No information available.

SECTION 5 : Firefighting measures

5.1- Extinguishing media

Use some sprayed water, the alcoholic resisting foam, the dry powder or the carbon dioxide.

5.2- Special hazards arising from the substance or mixture

No information available.

5.3- Advice for firefighters

Wear a device of autonomous respiratory protection adapted for the fire fighting, if need be.

5.4- Other information

No information available

SECTION 6 : Accidental release measures

6.1- Personal precautions, protective equipment and emergency procedures

Use a personal protective equipment. Avoid the formation of dust. Avoid inhaling vapors, fogs of spraying or gases. Assure an adequate ventilation. Evacuate the staff towards safe places. Avoid the inhalation of dust.

6.2- Environnemental precautions

Prevent the product from penetrating into sewers.

6.3- Methods and material for containment and cleaning up

Collect and evacuate without creating of dust. Sweep and remove with a shovel. Keep in bowls adapted and closed for the elimination.

6.4- Reference to other sections

For the elimination, see section 13.

SECTION 7 : Handling and storage

7.1- Precautions for safe handling

Avoid the contact with the skin and the eyes. Avoid the formation of dusts and sprays. Plan a appropriate ventilation there where dust forms.

7.2- Conditions for safe storage, including any incompatibilities

Keep in a fresh, dry and airy place. Hold the hermetically closed bowls. Keep in correctly labelled bowls. Temperature of storage: 4-8°C

7.3- Specific end use(s)

No information available

SECTION 8: Exposure controls/personal protection

8.1- Paramètres de contrôles

No information available

8.2- Exposure controls

Appropriate inspections

To manipulate according to good hygienic practice manufacturer and in safety instructions. Wash himself hands before the breaks and at the end of the working day.

Personal protective equipment

Carry protective clothings. Avoid the contact with the skin and the eyes.

- **Eye/Face protection:** Use a protection equipment of eyes approved by the current governmental standards.
- **Skin/Hand protection:** Manipulate with appropriate gloves. Gloves must be checked before use. Use a technique of retreat of gloves suited to avoid that skin comes into contact with products (without affecting the outside surface of the glove). Throw gloves contaminated after use. Wash and dry hands.
- **Body protection:** Complete combinaison of protection against chemicals. The type of protection equipment must be selected according to the concentration and to the quantity of the dangerous substance instead of work.
- **Respiratory protection:** In case of nuisances of exhibition, use a respirator with filter with particles. Wear appropriate mask. Use of the material tested and approved by standards such as NIOSH (US) or CEN (EU).
- **Control of the exposure of the environment:** Prevent the product from penetrating into sewers.

SECTION 9: Physical and chemical properties

9.1- Information on basic physical and chemical properties

State: liquid

Color: transparent

Smell: unavailable datum

PH: unavailable datum

Freezing point: 0°C

Initial boiling point: 100°C

Hydrosolubility: yes

9.2- Other information

No information available

SECTION 10 : Stability and reactivity

10-1. Reactivity

No information available

10-2. Chemical stability

Stable in the conditions recommended by storage.

10.3- Possibility of hazardous reactions

No information available

10.4- Conditions to avoid

No information available

10.5- Incompatible materials

Strong oxidizers.

10.6- Hazardous decomposition products

Other products of decomposition – No information available
In case of fire, see section 5.

SECTION 11 : Toxicological information

11.1- Information on toxicological effects

Skin corrosion/irritation:

No information available

Serious eye damage/irritation:

No information available

Respiratory or skin sensitization:

No information available

Germ cell mutagenicity:

No information available

Carcinogenicity: IARC :

None constituent of this present product in concentrations bigger or equal than 0.1 % was identified as likely, possible carcinogenic or recognized for the man

Reproductive toxicity:

No information available

Specific target organ toxicity (simple exposure):

May cause respiratory irritation.

Specific target organ specificity (repeated exposure):

No information available

Aspiration hazard:

No information available

Potential effects on the health

- Inhalation: can be harmful by inhalation. Cause an irritation of the respiratory system.
- Ingestion: can be harmful by ingestion.

Other information:

No information available

SECTION 12 : Ecological information

12.1- Toxicity

No information available

12.2- Persistence and degradability

No information available

12.3- Bioaccumulative potential

No information available

12.4- Mobility in soil

No information available

12.5- Results of PBT and vPvB assessment

The evaluation of the character PBT / vPvB is not available because the evaluation of the chemical safety (security) is not available.

12.6- Other adverse effects

No information available

SECTION 13 : Disposal considerations

13.1- Waste treatment methods

- **Product:** Put back surpluses and not recyclable solutions to a company of approved elimination of waste. Get in touch with a company specialized in the elimination of waste to proceed to the elimination of this product. Dissolve or mix the product with a combustible solvent and burn in a chemical incinerator equipped with a system of afterburner and with a purge.
- **Contaminated packagings:** Eliminate as not used product.
- **Elimination of the packaging:** Follow the regulations of elimination of the current waste of the establishment.

SECTION 14 : Transport information

The product is not classified as not produced dangerous for the transport.

SECTION 15: Regulatory information

This safety data sheet is in compliance with the requirements of the regulation (CE) No. 1972/2008.

15.1- Safety, health and environmental regulations/legislation specific for the substance or mixture

No information available

15.2- Chemical safety assessment

For this mixture, no evaluation of the chemical safety was realized.

SECTION 16 : Other information

- H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H335: May cause respiratory irritation
- STOT SE: Specific target organ toxicity (simple exposure)
- Resp. Sens. 1: Respiratory sensitization

The information supplied in this index card of safety is only conceived as indication to use, store and manipulate the product in complete safety. As far as our knowledge and perception, this information is presented as being correct in the date of publication; however, no guarantee is emitted as for their accuracy. This information concerns only the specific products indicated and cannot be perceived as valid in case of use of such products with other products or within the framework of other procedures.