

Safety Data Sheet (according to Regulation EC 1907/2006)
EC 3CTX Comp. B
Safety Data Sheet dated : 17/8/2009, version 3

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Trade name: EC 3CTX Comp. B
Trade code: BE107401
Supplier:
EcoChem
a brand of
Chemresult NV
Nijverheidsstraat 48d
2260 Oevel, Belgium
Phone +32-1457-8101
Emergency telephone number of the company and/or of an authorised advisory centre:
Phone +32-475 273 300 (Monday - Friday 08.30h - 17.30h)

Competent person responsible for the safety data sheet: sds@azelis.be

2. HAZARDS IDENTIFICATION

Properties / Symbols:
C Corrosive
R Phrases:
R34 Causes burns.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components within the meaning of EEC directive 67/548 and corresponding classification:

25 - 50 % Phosphoric acid esters

CAS: 145441-41-4

C; R34

10 - 25 % phosphoric acid

INDEX: 015-011-00-6 CAS: 7664-38-2 EC: 231-633-2

C; R34

4. FIRST AID MEASURES

Contact with skin:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

OBTAIN MEDICAL ATTENTION IMMEDIATELY.

Contact with eyes:

Wash immediately and thoroughly with running water, keeping eyelids raised, for at least 10 minutes.

Following this, protect the eyes with sterile gauze or a clean, dry, handkerchief. OBTAIN MEDICAL EXAMINATION.

Do not use eyewash or ointment of any kind (before obtaining an examination or advice from an eye specialist).

Swallowing:

Do not under any circumstance induce vomiting. OBTAIN MEDICAL EXAMINATION IMMEDIATELY.

Give 1 pint of milk or water to drink. Give repeated drinks of water (one capful) every 10 minutes.

Inhalation:

Ventilate the premises. The patient is to be removed immediately from the contaminated premises and needs to be rested in a well ventilated area. OBTAIN MEDICAL ATTENTION.

5. FIRE-FIGHTING MEASURES

Recommended extinguishers:

Water, CO₂, Foam, Chemical powders, according to the materials involved in the fire.

Extinguishers not to be used:

None in particular.

Risks arising from combustion:

If thermal decomposition occurs, vapours containing CO_x may be released. Avoid inhaling the fumes.

Protective equipment:

Use protection for the respiratory tract.

6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety (see also paragraph 8):

Use a mask, gloves and protective clothing.

Environmental measures:

Limit leakages with earth or sand.

If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods (see also paragraph 13):

Rapidly recover the product, wearing a mask and protective clothing.

If the product is a liquid form, stop it from entering the drainage system.

Recover the product for reuse if possible, or for elimination. The product might, where appropriate, be absorbed by inert material.

After the product has been recovered, rinse the area and materials involved with water.

7. HANDLING AND STORAGE

Handling precautions:

Avoid contact and inhalation of the vapours. See also paragraph 8 below.

Do not eat, drink or smoke while working.

Storage precautions:

Incompatible materials:

None in particular.

Storage conditions:

Store tightly closed in a dry place and well ventilated area

Instructions as regards to storage premises:

Adequately ventilated premises.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Environmental exposure controls:

Give adequate ventilation to the premises where the product is stored and/or handled.

Personal protection:

Respiratory protection:

Use adequate protective respiratory equipment when aerosol or mist is formed.

Protection for hands:

Use protective gloves that provide comprehensive protection, e.g. P.V.C., neoprene or rubber.

Eye protection:

Use close fitting safety goggles and/or visor

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Exposure limits of contained substances:

phosphoric acid

VLE 8h: 1 mg/m³ VLE short: 2 mg/m³ TLV-TWA: 0,25 ppm - 1 mg/m³ TLV-STEL: 0,75 ppm - 3 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour:

fluid

Odour:

characteristic of product

pH:

1,0 – 1,5

Relative density:

1,4 g/cm³ +/- 0,02

Solubility in water:

fully miscible

10. STABILITY AND REACTIVITY

Conditions to avoid:

Stable under normal conditions.

Substances to avoid:

None in particular.

Hazardous decomposition products:

If thermal decomposition occurs, vapours containing COx may be released. Avoid inhaling the fumes.

11. TOXICOLOGICAL INFORMATION

The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the preparation.

Set out below is the toxicological information relating to the main substances in the preparation.

Caustic effect on skin and mucous membranes.

Swallowing will lead to a strong caustic effect on mouth and throat and to the danger of perforation of esophagus and stomach.

12. ECOLOGICAL INFORMATION

Use this product with care and do not dispose of it in the environment.

13. DISPOSAL CONSIDERATIONS

Recover if possible. Send to authorised disposal plants or for incineration under controlled conditions and comply with the local and national regulations currently in force.

This material and its container must be disposed of as hazardous waste.

Where applicable, refer to the following regulatory provisions : 91/156/EEC, 91/689/EEC, 94/62/EC and subsequent amendments.

14. TRANSPORT INFORMATION

UN No.	:	3265
Packing group	:	III
ROAD/RAIL		
ADR Class	:	8
Packing group	:	III
Proper Shipping Name:		Corrosive liquid, acidic, organic, n.o.s. (phosphoric acid ester)
Hazard Identification No.	:	80
SEA (IMO)		
Proper Shipping Name:		Corrosive liquid, acidic, organic, n.o.s. (phosphoric acid ester)
Packing group	:	III
AIR (ICAO/IATA)		
IATA Class:		8
Proper Shipping Name:		Corrosive liquid, acidic, organic, n.o.s. (phosphoric acid ester)
Packing group	:	III

15. REGULATORY INFORMATION

EC Classification and user label information:

Symbols:

C Corrosive

R Phrases:

R34 Causes burns.

S Phrases:

S23 Do not breathe gas/fumes/vapour/spray (appropriate wording to be specified by the manufacturer).

S25 Avoid contact with eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

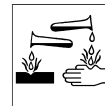
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

S60 This material and its container must be disposed of as hazardous waste.

Contents:

Phosphoric acid esters

phosphoric acid



C

Regulatory references:

Council Directive 67/548/EEC (Classification, packaging and labelling of dangerous substances) and subsequent amendments. Commission Directive 1999/45/EC (Classification, packaging and labelling of dangerous preparations) and subsequent amendments. Commission Directive 98/24/EC (Protection of the health and safety of workers from the risks related to chemical agents). Commission Directive 2000/39/EC (Occupational exposure limit values). Regulation (EC) No 1907/2006 (REACH).

Where applicable, refer to the following regulatory provisions :

Directive 2003/105/CE (Activities linked to risks of serious accidents).

Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/user's responsibility to ensure that its activities comply with all federal, state, provincial or local laws

16. OTHER INFORMATION

Main bibliographic sources:

ECDIN - European Chemicals Data and Information Network

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - 8th edition - Van Nostrand Reinold

ACGIH - Threshold Limit Values - 2004 edition

Risk phrases in Section 2

R34 Causes burns.

The information contained herein is based on our state of knowledge at the above-specified date. It refers only to the product indicated and constitutes no specification or guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

Regulation EC 1907/2006 compliant