

Trade name: Convocare-K

Product no.: 3007028

Issue: 19.12.03

Page: 1(3)

(GB)

1. Substance/preparation and company name**Product particulars**

Trade name: Convocare-K , concentrate for mixing 1 : 9 with water

Manufacturer/supplier particularsAddress: Convotherm Elektrogeräte GmbH
Talstraße 35
D-82436 Eglfing / Germany
Tel. no.: +49 - 8847 - 67 - 0
Fax no.: +49 - 8847 - 414

Emergency telephone: 089 / 19240 „Rechts der Isar“, Reg. no.: 403

2. Composition/constituent particulars

Chemical characterisation: Mixture of phosphoric acid, surfactants, emulsifying agent, colour, water.

Components

Content	CAS no.	Symbols	R-phrases	Substance
< 10%	7664-38-2	C	34	Phosphoric acid 80 %
< 2%	61788-90-7	Xi	38-41-50	N-cocinic alkyl-N, N-dimethylaminoxide
> 70%	7732-18-5			Water

3. Possible hazards**Hazard symbols**

Irritant

R-phrases: 36/38 Irritating to eyes and skin.

4. First aid

General instructions: Remove soiled clothes immediately. If patient likely to lose consciousness, position and move propped securely on his/her side. Seek medical aid.

If inhaled: Immediately inhale dexamethasone spray (Auxilison, Pulmicort). After inhaling rest, fresh air, seek medical aid.

If contact with skin: Immediately rinse affected areas of skin thoroughly with plenty of water

If contact with eyes: Keeping eyes open, immediate thorough prolonged (15 minutes) rinse under running water (protect uninjured eye, remove contact lenses). Consult eye specialist.

If swallowed: If swallowed rinse mouth out immediately and drink copious amounts of water. Seek medical aid. Avoid vomiting.

Notes for the doctor:

Symptoms: Skin irritation; conjunctivitis; corneal clouding; respiratory tract irritation; asthmatic states; pulmonary oedema; burning and redness in mouth, throat and gullet; scabbing; foam aspiration possible if there is vomiting.

Action: Irritant action: on skin and mucus membranes of eyes and respiratory tract; sensitisation possible due to skin contact

Treatment: Decontamination, symptomatic treatment. No known specific antidote. If inhaled administer: dexamethasone. Monitor if risk of pulmonary oedema.

5. Fire fighting

Suitable extinguishants: Use all known extinguishants. Fight ambient fire with appropriate extinguishants.

Special hazard from the substance or product itself, its products of combustion or gases produced. May be released in the event of fire: nitrous fumes (NOx); phosphorous oxides (e.g. phosphorous pentoxide)

Special fire fighting safety equipment

In the event of fire wear breathing apparatus.

Trade name: Convocare-K

Product no.: 3007028

Issue: 19.12.03

Page: 2(3)

6. Action in the event of unintentional release

Personal safety precautions: Avoid contact with skin, eyes and clothing. Special risk of slipping on leaking/spilt product.

Environmental safety precautions: Do not allow into surface water/ground water.

Cleaning procedure: Flush away small amounts with water. Absorb with absorbent material (e.g. sand, kieselguhr, acid binder, universal binder, sawdust). Remove as instructed. See also: Section 13.

7. Handling and storage

Safety handling instructions: Avoid aerosol formation.

Fire and explosion protection: The product is non-flammable.

Storage area and container requirements: Use polyethylene containers.

Storage with other substances: Keep in a cool place away from alkaline solutions. Do not store together with strong oxidants.

Other information on storage conditions: Protect from direct sunlight.

8. Exposure limits and personal safety equipment**Additional notes on the design of technical installations**

See Chapter 7 ; no additional measures required.

Constituents with workplace-related limit values requiring monitoring**Health hazards in the workplace****Maximum allowable concentrations of components in Chapter 2**

Substance name	CAS-No	ml/m ³ (ppm)	mg/m ³	Fibres/m ³	Type
Phosphoric acid 80 %	7664-38-2				
N-cocinic alkyl-N, N-dimethylaminoxide	61788-90-7				
Water	7732-18-5				

General safety and hygiene precautions

Avoid direct contact with eyes, skin and clothing.

Personal safety equipment

Respiratory protection: For respiratory protection: Particle filter. Filter type: P2

Hand protection: Butyl rubber (0.5mm) gloves; penetration time: > 480 min.

Eye protection: Closely-fitting safety goggles

9. Physical and chemical properties

Appearance:	Form: liquid				
	Colour: green				Odour: characteristic
Vapour pressure:	at 20 °C	23 mbar			
	at 40 °C	72 mbar			
Density:	at 20 °C	1.055 g/ml			
Boiling point:	at 1013 mbar	100 °C			
Solubility in water:	at 20 °C	miscible	mg/l		
Solubility in organic solvents (at 20 °C)					
very slightly soluble in most organ. solvents; miscible with alcohols					
Relative vapour density:	(air = 1)	0			
Evaporation number:	(ether = 1)	0			
Odour threshold:	odourless	mg/m ³			
ph-value of substance:	at 20 °C	appr. 1			
ph-value of substance in solution:	at 20 °C	1.7			concentration: 100 g / l

10. Stability and reactivity

Thermal decomposition: Phosphoric acid products of decomposition; nitrous gases, nitric acid products of decomposition

Reacts with: Alkalis; metals, releasing hydrogen; strong oxidants

Reacts very violently with: Alkaline solutions, forming salts (heat build-up)

Substances to avoid: Alkaline solutions; oxidants

Conditions to avoid: None when used as directed

Trade name: Convocare-K

Product no.: 3007028

Issue: 19.12.03

Page: 3(3)

11. Toxicological particulars

Acute toxicity

Irritating to eyes and skin.

12. Ecological particulars

General notes:

Surfactants easily biodegradable. Owing to the acid fraction the product should not be released into drains or drainage ditches without being diluted and neutralised.

13. Notes on disposal

Disposal instructions

Product: Small amounts can be diluted with plenty of water and flushed away. Otherwise dispose of as special waste.

Packaging: Empty contaminated packing as well as possible, it can then be appropriately cleaned and recycled.

14. Transportation particulars

**Land transport
GGVSE/ADR/RID¹:**

NB: Not a hazardous product within the meaning of the current transport regulations – ADR.

15. Regulations

Labelling instructions:

R-phrases: 36/38

The product is classified and labelled in accordance with EC Directives/GefStoffV.

Irritating to eyes and skin.

Hazard symbols



Irritant

**S-phrases: 1/2
26
45**

Keep locked up and out of reach of children.

In the event of contact with eyes immediately flush thoroughly with water and consult a doctor.

In the event of accident or indisposition call a doctor immediately (show this label if possible).

Water hazard class:

1

Water hazard number:

4

**Classification according to
TA Luft²:**

Treat as total dust: max. permissible emission: mass flow > 0.2 kg/h: 20 mg/m³, mass flow ≤ 0.2 kg/h: 0.15 g/m³

16. Other particulars

Other information

R-phrases for raw materials in Section 2 (Composition): R34: Causes caustic burns;

R41: Danger of serious eye damage; R50: Very toxic to water organisms.

Contact

Department: Customer Service

Trans. notes: ¹ Regulations governing carriage of goods by road and rail

² German Technical Directive on Air Quality Control