

MATERIAL SAFETY DATA SHEET

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Revision nr : 3

Date : 16/7/2003

Supersedes : 1/7/2002

PHO-CID

A012C0.1

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Corrosive

Producer

CID LINES NV/SA
Waterpoortstraat, 2
B-8900 Ieper Belgique-Belgie
Tel. + 32 57 21 78 77
Fax +32 57 21 78 79
Antipoison Center - tel : + 32 70 245 245

Responsible for distribution

CID LINES NV/SA
Waterpoortstraat, 2
B-8900 Ieper Belgique-Belgie
Tel. + 32 57 21 78 77
Fax +32 57 21 78 79
Antipoison Center - tel : + 32 70 245 245

1. Identification of the product and the company

Company identification : See distributor.
Identification of the product : Liquid.
Trade name : PHO-CID.
Type of product : Acidic cleaner.
Use : See product bulletin for detailed information. Industrial.

2. Information on ingredients

This product is considered to be hazardous and contains hazardous components.

Substance name	Value(s)	CAS nr / EINECS nr / EC index	Symbol(s)	R-Phrase(s)
<u>Phosphoric acid</u>	: > 30 %	007664-38-2 / 231-633-2 / 015-011-00-6	C	34
<u>Sulfuric acid</u>	: > 5 %	007664-93-9 / 231-639-5 / 016-020-00-8	C	35
<u>Non ionic surfactant</u>	:	----- / ----- / -----	Xn	22-41
<u>Corrosion inhibitor</u>	:	----- / ----- / -----		

3. Hazards identification

Primary route of exposure : Skin and eyes contact.
Symptoms relating to use
- Inhalation : Not expected to present a significant inhalation hazard under anticipated conditions of normal use.
- Skin contact : Not expected to present a significant skin hazard under anticipated conditions of normal use. Causes burns.
- Eye contact : Redness, pain. Blurred vision. Risk of serious damage to eyes.
- Ingestion : Ingestion unlikely. Sore throat. May cause irritation of the linings of the mouth, throat, and gastrointestinal tract.

4. First aid measures

First aid
- Inhalation : Assure fresh air breathing. Allow the victim to rest. Obtain medical attention if breathing difficulty persists.
- Skin contact : Remove contaminated clothing and shoes. Flush with plenty of water. Seek medical attention if ill effect or irritation develops.
- Eye contact : Rinse immediately with plenty of water. Seek medical attention immediately.
- Ingestion : Rinse mouth. Do not induce vomiting because of corrosive effects. If swallowed, seek medical advice immediately and show this container or label.

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5. Fire - fighting measures

Flammable class	: Not combustible.
Extinguishing media	: Water spray. Foam. Dry chemical. Carbon dioxide.
- Not to be used	: Do not use a heavy water stream.
Surrounding fires	: Use water spray or fog for cooling exposed containers.
Protection against fire	: Do not enter fire area without proper protective equipment, including respiratory protection.
Special procedures	: Exercise caution when fighting any chemical fire.

6. Accidental release measures

Personal precautions	: Spill should be handled by trained cleaning personnel properly equipped with respiratory and eye protection. Wear suitable protective clothing and gloves.
Environmental precautions	: Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.
After spillage and/or leakage	: Clean up any spills as soon as possible, using an absorbent material to collect it. Use suitable disposal containers. Dilute residues and flush.

7. Handling and storage

General	: Avoid all unnecessary exposure.
Storage	: Keep at temperature not exceeding 50°C Protect from freezing. Keep container closed when not in use.
Handling	: Handle in accordance with good industrial hygiene and safety procedures. Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work.

8. Exposure controls / personal protection

Personal protection



- Respiratory protection	: No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation.
- Hand protection	: Wear suitable gloves resistant to chemical penetration.
- Skin protection	: If skin contact or contamination of clothing is likely, protective clothing should be worn.
- Eye protection	: Eye protection should only be necessary where liquid could be splashed or sprayed.
- Ingestion	: Ingestion unlikely.
Industrial hygiene	: Local exhaust and general ventilation must be adequate to meet exposure standards.

9. Physical and chemical properties

Physical state	: Liquid.
Colour	: Colourless to light yellow.
Odour	: Characteristic.
pH value	: 2.2 (1%)
Freezing point	: -10°C
Initial boiling point	: 100°C
Density	: ca. 1.230 kg/l
Viscosity	: Not applicable.
Solubility in water	: Complete.
Flash point [°C]	: Not applicable.
Auto-ignition temperature [°C]	: Not applicable.

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10. Stability and reactivity

Hazardous decomposition products : None under normal conditions.
Hazardous properties : None under normal conditions.
Materials to avoid : Avoid contact with : Strong alkalis.

11. Toxicological information

Acute toxicity : Corrosive to eyes and skin.
Rat oral LD50 [mg/kg] : >2000
Rabbit dermal LD50 [mg/kg] : Not applicable.
Rat inhalation LC50 [mg/l/4h] : Not applicable.

12. Ecological information

LC50-96 Hour - fish [mg/l] : Not applicable.
48 Hour-EC50 - Daphnia magna [mg/l] : Not applicable.
IC50 72h Algae [mg/l] : Not applicable.
COD-value [mg/l] : Not applicable.
BOD5-value [mg/l] : Not applicable.
WGK class (Germany) : 1

13. Disposal considerations

Disposal : Dispose in a safe manner in accordance with local/national regulations.

14. Transport information

Hazard Label(s)



: Corrosive.
- Proper shipping name : UN 3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Phosphoric acid), 8, III
- UN No. : 3264
- H.I. nr : 80
- ADR/RID : Group : III
Class : 8

15. Regulatory information

Symbol(s)



: Corrosive.
R Phrase(s) : R34 - Causes burns.
S Phrase(s) : S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S28 - After contact with skin, wash immediately with plenty of
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 when possible).

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16. Other information

Further information : None.
Risk Phrases : Corrosive to eyes, respiratory system and skin.

The contents and format of this MSDS are in accordance with EEC Commission Directive 93/112/EEC.

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