

MATERIAL SAFETY DATA SHEET

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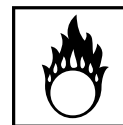
Date : 13/12/2000

Supersedes : 0/0/0

KICK-START 2

AD073C0.2

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Oxidizing



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 : KICK-START 2.
Type of product : Disinfectant.
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>Peracetic acid</u>	: ca 5 %	000079-21-0 / 201-186-8 / 607-094-00-8	O C N	07-10-20/21/22-35-50
<u>Hydrogen peroxide</u>	: ca 20 %	007722-84-1 / 231-765-0 / 008-003-00-9	O C	08-34
<u>Acetic acid</u>	: ca 10 %	000064-19-7 / 200-580-7 / 607-002-00-6	C	10-35
<u>Stablizing and complexing agent</u>	:	---- / ---- / ----		
<u>Non ionic surfactant</u>	: < 5 %	---- / ---- / ----	Xi	22-36/38

3. Hazards identification

Risk Phrases : Corrosive to eyes, respiratory system and skin.
Dangerous substances : Contact with combustible material may cause fire.
Primary route of exposure : Vapours inhalation. Skin and eyes contact.
Symptoms relating to use
- Inhalation : Cough. Shortness of breath.
- Skin contact : Causes burns.
- Eye contact : Redness, pain. Blurred vision. Risk of serious damage to eyes.
- Ingestion : Severe ingestion hazard. Sore throat. Burning sensation.

4. First aid measures

First aid
- Inhalation : Assure fresh air breathing. Allow the victim to rest. Seek medical advice.
- 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 : Ingestion unlikely. Rinse mouth. Give water to drink. Do not induce vomiting because of corrosive effects. Take to hospital.
General information : Obtain medical attention.

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5. Fire - fighting measures

Flammable class

: Oxidizing.

Prevention



: No naked lights. No smoking.

Extinguishing media

: All extinguishing media can be used.

Surrounding fires

: Use water spray or fog for cooling exposed containers.

Special exposure hazards

: Reacts violently with : Combustibles. May cause fire.

Protection against fire

: Wear proper protective equipment.

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. Flush/dilute with water.

Environmental precautions

: Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

After spillage and/or leakage

: Dike for recovery or absorb with appropriate material. Dilute residues and flush. Use suitable disposal containers.

7. Handling and storage

Precautions in handling and storage

: Avoid all unnecessary exposure. Where exposure through inhalation may occur from use, approved respiratory protection equipment is recommended.

Storage

: Store in dry, cool, well-ventilated area. Provide local exhaust or general room ventilation to minimize dust and/or vapour concentrations. Keep container closed when not in use. Minimize exposure to air and light.

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

: Approved dust or mist respirator should be used if airborne particles are generated when handling this material.

- Skin protection

: Wear suitable protective clothing and gloves. (butylrubber)

- Eye protection

: Chemical goggles or face shield with safety glasses.

Industrial hygiene

: Local exhaust and general ventilation must be adequate to meet exposure standards. Wash clothing before re-using.

9. Physical and chemical properties

Physical state

: Liquid.

Colour

: Clear.

Odour

: Pungent.

pH value

: <1

Melting point [°C]

: -28

Initial boiling point [°C]

: 105°C

Decomposition point [°C]

: 55°C May release : oxygen

Density

: 1.123 kg/l

Vapour pressure [hPa]

: 27

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9. Physical and chemical properties (continued)

Solubility in water : Complete.
Flash point [°C] : 100°C
Log P octanol / water at 20°C : No data available.

10. Stability and reactivity

Hazardous decomposition products : oxygen
Hazardous properties : None under normal conditions.
Conditions to avoid : Avoid contact with : Acids. Alkaline mixture. Reducing agents. Metals. Organic compounds.
Heat.

11. Toxicological information

Acute toxicity
Rat oral LD50 [mg/kg] : ca.950
Rabbit dermal LD50 [mg/kg] : >12000
Rat inhalation LC50 [mg/kg] : 4080 mg/m³
- Dermal : Irritation.
Sensitization : This material was found to be non-sensitizing in guinea pigs who received subcutaneous injections.

12. Ecological information

LC50-96 Hour - fish [mg/l] : ca.25
48 Hour-EC50 - Daphnia magna [mg/l] : ca.10
IC50 72h Algae [mg/l] : ca.12
Bioaccumulative potential : No.

13. Disposal considerations

Disposal : Dispose of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/national regulations.

14. Transport information

Hazard Label(s)



: Oxidizing. Corrosive.

- Proper shipping name : hydrogen peroxide and peroxyacetic acid, mixture, stabilised
- UN No. : 3149
- ADR/RID : Class 5.1,1° b)
- IMO-IMDG code : 5.1
- EMS-Nr : 5.1-02
- MFAG-Nr : 735
UN Packing group : II

15. Regulatory information

Symbol(s)

: Corrosive.
Oxidizing.

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15. Regulatory information (continued)

R Phrase(s) : R07 - May cause fire.
R20/22 - Harmful by inhalation and if swallowed.
R34 - Causes burns.

S Phrase(s) : S03/07 - Keep container tightly closed in a cool place.
S24 - Avoid contact with skin.
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 water.
S35 - This material and its container must be disposed of in a safe way.
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).

16. Other information

Further information : None.

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

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