

## CID 2000

## AD069C0.1



Label 5.1 : Oxidizing substances.



Label 8 : Corrosive substance.



O : Oxidizing



C : 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  
 In case of emergency : + 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  
 In case of emergency : + 32 70 245 245

## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

**Company identification** : See distributor.  
**Identification of the product** : Liquid.  
**Trade name** : CID 2000  
**Type of product** : Disinfectant.  
**Use** : See product bulletin for detailed information.  
 Industrial.

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

| Substance name                  | Contents  | CAS No    | EC No     | Index No     | Classification                                    |
|---------------------------------|-----------|-----------|-----------|--------------|---|
| Hydrogen peroxide               | : ca 20 % | 7722-84-1 | 231-765-0 | 008-003-00-9 | O; R8<br>R5<br>Xn; R20/22<br>C; R35               |
| Acetic acid                     | : ca 10 % | 64-19-7   | 200-580-7 | 607-002-00-6 | R31<br>C; R35                                     |
| Peracetic acid                  | : ca 5 %  | 79-21-0   | 201-186-8 | 607-094-00-8 | O; R7<br>R10<br>Xn; R20/21/22<br>C; R35<br>N; R50 |
| Wetting agent                   | :         | ----      | ----      | ----         | Xi; R36   |
| Stablizing and complexing agent | :         | ----      | ----      | ----         |   |

## 3. HAZARDS IDENTIFICATION

**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.


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### 4. FIRST AID MEASURES (continued)

- 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.

### 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 : Dyke 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.
- Exposure controls : Hydrogen peroxide : TLV<sup>©</sup> -TWA [mg/m<sup>3</sup>] : 1.4  
 Hydrogen peroxide : TLV<sup>©</sup> -TWA [ppm] : 1  
 Acetic acid : TLV<sup>©</sup> -TWA [mg/m<sup>3</sup>] : 25  
 Acetic acid : TLV<sup>©</sup> -TWA [ppm] : 10

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### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION (continued)

Peracetic acid : TLV<sup>©</sup> -TWA [mg/m<sup>3</sup>] : 1  
 Peracetic acid : MAC [mg/m<sup>3</sup>] : 1  
 Peracetic acid : Molecular weight : 76.1

### 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : Liquid.  
 Colour : Clear.  
 Odour : Pungent.  
 pH value : <1 (100%) ; 3.7 (1%)  
 Melting point [°C] : -30  
 Initial boiling point : 118°C  
 Decomposition point [°C] : 55°C May release : oxygen  
 Density : 1.10 kg/l  
 Vapour pressure [hPa] : 27  
 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/m<sup>3</sup>  
 - 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.  
 WGK class (Germany) : 1

### 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.

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### 14. TRANSPORT INFORMATION

**Hazard Label(s)**


: O : Oxidizing Corrosive.

**- Proper shipping name**

: UN 3149 HYDROGEN PEROXIDE AND PEROXYACETIC ACID MIXTURE STABILIZED, 5.1 (8), II

**- UN No.**

: 3149

**- H.I. nr :**

: 58

**- ADR/RID**

 : Class : 5.1  
Group : II

**- IMO-IMDG code**

: 5.1

**- EMS-Nr**

: 5.1-02

**- MFAG-Nr**

: 735

**UN Packing group**

: II

### 15. REGULATORY INFORMATION

**- Symbol(s)**

 : Corrosive.  
O : Oxidizing

**- R Phrase(s)**

 : R7 : May cause fire.  
R20/22 : Harmful by inhalation and if swallowed.  
R34 : Causes burns.

**- S Phrase(s)**

 : S3/7 : 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  
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.

**Risk Phrases**

: Corrosive to eyes, respiratory system and skin.

**List of relevant symbols (heading 2)**

 : Corrosive.  
Dangerous for the environment.  
O : Oxidizing  
Irritant.

**List of relevant R phrases (heading 2)**

 : R5 : Heating may cause an explosion.  
R7 : May cause fire.  
R8 : Contact with combustible material may cause fire.  
R10 : Flammable.  
R20/21/22 : Harmful by inhalation, in contact with skin and if swallowed.  
R20/22 : Harmful by inhalation and if swallowed.  
R31 : Contact with acids liberates toxic gas.  
R35 : Causes severe burns.  
R36 : Irritating to eyes.  
R50 : Very toxic to aquatic organisms.

The contents and format of this SDS are in accordance with EEC Commission Directive 2001/58EC.

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