



# SAFETY DATA SHEET

(Conform Reach)

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Date of creation : 01/12/2006

Date of update : 06/07/2009

## GUARD INDUSTRY

### BIO NET'GUARD®

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

**Type of product** : Universal bio cleaner.  
**Use** : See product bulletin for detailed information  
**Company identification** :  
Manufactured: **GUARD INDUSTRIE** UK & Ireland: **GUARD INDUSTRY (UK) LTD**  
7 rue Gutenberg 7200 The Quorum  
93100 MONTREUIL Oxford Business Park North  
FRANCE Garsington Road  
OXFORD. OX4 2JZ  
Tel: +33 (0)1.55.86.17.60 Tel: +44 (0)870 7345972  
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#### 2 HAZARDS IDENTIFICATION

**Primary route of exposure** : Irritant to eyes and respiratory system  
**Specific risk** : Reacts with oxidizers

#### 3 COMPOSITION / INFORMATION ON INGREDIENTS

**Constituents / impurities** : Water-based solution of alkaline salts and anionic and non-ionic surfactants

| Substance name   | Volume    | CASE N°   | CE N°     | IndexN°      | Classification |
|--|-----------|-----------|-----------|--------------|----------------|
| Pyrophosphate teta potassique Anhydre                        | 5%<c<10%  | 7320-34-5 | 230-785-7 |              | Xi: R36        |
| 2-(2-butoxyethoxy)ethanol; diethylene glycol monobutyl ether | 10%<c<15% | 112-34-5  | 203-961-6 | 603-096-00-8 | Xi: R36        |

#### 4 FIRST AID MEASURES

**First aid measures**  
**- Inhalation** : Bring the victim to fresh air, in a quiet place and if necessary call for a doctor.  
**- Skin contact** : Rinse immediately and abundantly with water during 20 minutes. Take off immediately all soiled or splashed clothes. In case of persistent irritation consult a doctor.  
**- Eye contact** : Rinse immediately and abundantly by clean and cool water, at least for 20 minutes, while regularly pulling up the eyelid. Consult a doctor immediately if the pain, blinking, whimpering or the redness persist.  
**-Ingestion** : Rinse mouth, drink a lot of water. Do not induce vomiting and go immediately to hospital or to a doctor.

#### 5 FIRE – FIGHTING MEASURES

**Flammable class** : Non flammable  
**Specific hazards** :  
**Extinguishing media** : All extinguishing agents are suitable  
**Protection against fire** : Wear adequate protection equipment.  
**Specific procedures** : Fire can produce a heavy black smoke. Consequently to the thermal decomposition, dangerous substances may be formed: carbon monoxide, carbon dioxide. The exposure to these substances can be dangerous for health.

#### 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions** : Supply adequate protection to cleaning teams.  
**Cleaning up method** : Sweep or collect spilt product and put it in a suitable vessel for removal and subsequent disposal. Dilute all residues and rinse with water.  
**Precautions for the environment** : Stop leak without taking any risk if possible. Avoid the liquid to enter in sewers, rivers, subsoils or bedrocks.



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### 7 HANDLING AND STORAGE

#### Handling

- Precaution(s) : Provide sufficient air exchange and/or exhaust. Avoid contact with skin and eyes. Do not eat, drink and do not smoke in areas where product is used. Do not add water to product. Shower, eyes shower and water point in proximity.
- Technical condition(s) : Do not use compressed air to fill, handle or work up. Affected equipment must be washed immediately with water.
- Recommendations : Open container carefully to avoid spurling. Do not re-use empty containers without proper cleaning or reconditioning. Carefully close entered bags after use.

#### Storage

- Precaution(s) : Always store the product in a container with the same material as the original container.
- Technical condition(s) : Water-repellent underground retention basin.
- Storage condition(s) : Store, if possible, in a cool, well ventilated place away from incompatible materials. Store in original container.
- Separation of incompatible product(s) : Store separately from oxidizing agents and strongly alkaline and strongly acid materials.
- Packaging / tank material : Same material as the original container.
- Unsuitable packaging materials : Avoid non protected metal containers.

### 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Individual protection

##### Respiratory protection

: No need for any respiratory protection equipment under normal conditions of use but do ensure adequate ventilation. Otherwise, wear appropriate respiratory equipment.

##### Hand protection

: Wear gloves in natural rubber or neoprene.

##### Skin protection

: Long-sleeved protection clothes.

##### Eye protection

: Wear security glasses with a lateral protection to avoid any damage due to volatile particle and/or to any eye contact with the product.

##### Industrial hygiene

: Local extraction and general ventilation have to be sufficient to insure the conformity of exposure norms. Emergency eyes cleaners have to be installed close to any place where there is a risk of exposure.

### 9 PHYSICAL AND CHEMICAL PROPERTIES

|                              |                          |
|------------------------------|--------------------------|
| Physical appearance in 20°C  | : Liquid                 |
| Colour                       | : Yellow                 |
| Odour                        | : Sweet                  |
| pH value                     | : 12,5                   |
| Boiling Point [°C]           | : 100                    |
| Temperature of decomposition | : > 300 °C               |
| Density                      | : 1.06 g/cm <sup>3</sup> |
| Solubility in water          | : Totally                |
| Flash point                  | : Not applicable         |

### 10 STABILITY AND REACTIVITY

#### Stability and reactivity

: Stable under normal conditions of use.

#### Material(s) to avoid

: Keep away from oxidizing agents and strongly alkaline and strongly acid materials in order to avoid exothermal reactions.

Hazardous decomposition products : CO<sub>2</sub>, CO

### 11 TOXICOLOGICAL INFORMATION

|                  |   |
|------------------|---|
| Inhalation       | : May cause gastrointestinal irritation, nausea, vomiting and diarrhoea |
| Skin contact     | : Light skin irritation   |
| Eyes contact     | : Eyes irritation   |
| Ingestion        | : Mucous irritation   |
| Sensitisation    | : None  |
| Chronic toxicity | : Not available   |



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### 12 ECOLOGICAL INFORMATION

|  |  |
|--|--|
| Potential of impoverishment of ozone layer | : No   |
| Mobility                                   | : Completely miscible in water   |
| Persistence and degradability              | : Easily biodegradable more than 95%.  |
| Bioaccumulation potential                  | : No   |
| Effects on the environment                 | : May be dangerous for the environment. In a high concentration in water, some harmful effects due to pH are observed on the aquatic life. DL50/orale/rat=2660 mk/kg |
| Various harmful effects                    |  |
| Potential of photochemical ozone creation  | : No   |
| Ecotoxicity                                | : No   |
| Potential of global warming                | : No   |

### 13 DISPOSAL CONSIDERATIONS

|                       |  |
|-----------------------|--|
| Method of elimination | : Redeem or burn in an approved incinerator. Avoid discharge into sewers. Soiled containers can be thrown as a normal waste after cleaning. Consult your local authority about that. |
|-----------------------|--|

### 14 TRANSPORT INFORMATION

|         |                  |
|---------|------------------|
| ADR/RID | : Not classified |
| IATA    | : Not classified |
| IMDG    | : Not classified |

### 15 REGULATORY INFORMATION

|           |  |
|-----------|--|
| Symboles  | : None   |
| R Phrases | : None   |
| S Phrases | : S26: In case of eyes contact, rinse immediately and abundantly with water and seek medical advice.<br>S28: After skin contact, wash immediately and abundantly with soap and water.<br>S36/37/39: Wear suitable protection clothing, gloves and eye/face protection. |

### 16 OTHER INFORMATION

|            |  |
|------------|--|
| Other data | : Section n°2: Phrase(s): R36 Irritant for eyes. |
|------------|--|

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