



# SAFETY DATA SHEET

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Date: 1/12/2005

**GUARD INDUSTRY**

## DECAP'SOLS PLUS GUARD

Code : DETAC



C - Corrosif

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

**Type of product** : Removal cleaner for deposits of tartar or limestone and soft roe of plaster or cement  
**Use** : See product bulletin for detailed information.  
**Company identification** Manufactured: UK & Ireland:  
**GUARD INDUSTRIE** **Guard Industry (UK) Ltd**  
 77-81 rue des Sorins 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  
 Fax: +33 (0)1.48.58.16.89 Fax: +44 (0)870 7345973

### 2 COMPOSITION / INFORMATION ON INGREDIENTS

Product formulation not exclusively for professional usage

Name of substance	volume	N° CAS	N° CE	N° index	classification
Amidosulfonic Acid	1%<c<5%	5329-14-6			Xi: R36/38; R52/53
Phosphoric acid	1%<c<5%	7664-38-2			C: R34

### 3 HAZARDS IDENTIFICATION

Corrosive  
Provokes eye and xxxxxx burns

### 4 FIRST AID MEASURES

- Inhalation : None  
 - Skin contact : Wash immediately with cold water for 15minutes. If any irritation occurs, consult a doctor  
 - Eye contact : Rinse with copious amounts of cold water (15minutes with open Eyelids) then wash with a sterile solution of physiological serum (0.9 %). In every case, consult an ophthalmologist  
 -Ingestion : Immediately seek medical advice. Do not vomit or drink  
 Soiled clothes : Remove, wash and only re-use after decontamination

### 5 FIRE – FIGHTING MEASURES

**Flammable class** : Non-flammable or explosive  
**Specific hazards** : Thermic decomposition causes toxic fumes (sulphuric oxides)  
**Extinguishing media** : Recommended: chemical powders, carbon dioxide.  
 xxxxxx: jet water  
**Protection against fire** : Complete anti-acid protection garment and autonomous respiratory system  
**Special procedures** : none

### 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions** : avoid skin or eyes contact  
**Precautions for the environment**  
**Protection** : avoid polluting the water waste system, superficial sources or basement, and also into ground surface and underground. In the event of major spillages into lakes, rivers or sewers contact the relevant authorities, in line with local legislation  
**Clean up methods** : Absorb with an adapted product and contain the liquid with sand. Neutralise with some lime, carbonate of soda or calcium, or bicarbonate of soda. Collect and transfer the waste in specific labelled plastic packaging. Close them and have them collected by an approved salvage contractor. Rinse the ground with water



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### 7 HANDLING AND STORAGE

#### Handling:

- Technical measures** : Use equipment that is suitable for this usage.  
**Precautions** : Wear protective material to avoid splashes. Do not mix with other substances.  
**Advices of use** : Apply at ambient temperature. Do not use on zinc or galvanized surfaces.

#### Stocking:

- Technical measures** : Keep containers on waterproof ground. Keep carbonate of soda or lime nearby to neutralize in case of emergency  
**Conditions of stocking** : Keep containers closed and in a well ventilated place. Keep away from direct rays of the sun and sources of heat.  
**Incompatible material** : Strong oxidizing agent, zinc, galvanized steel.  
**Recommended materials** : Stainless steel, ebonite, approved plastics for large containers  
**Misadvised materials** : Iron and cast iron

### 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

- Technical measure** : Follow measures outlined in paragraph 7  
**Limit values of exposure** : VLE (phosphoric acid) 0.5 ppm = 2mg / m<sup>3</sup>  
**Individual protection equipment:**  
**Respiratory protection** : None  
**Hand protection** : Wear PVC Natural rubber nitrile, néoprène..  
**Skin protection** : Wear suitable protective clothes. Have shower and eye fountain near to work place  
**Eye protection** : Glasses with side protectors

### 9 PHYSICAL AND CHEMICAL PROPERTIES

- Physical appearance** : Sticky liquid  
**Colour** : Very pale yellow  
**Odour** : Slightly flowery  
**pH value** : 0.7 +/- 0.2  
**Temperature of decomposition** : <-5°C and > 50°C  
**Flash point [°C]** : Not applicable  
**Temperature of spontaneous combustion** : Not applicable.  
**Characteristics of explosivity** : None.  
**Vapour Pressure** : Not measured  
**Volume mass** : 1.030 +/-0.005 g / cm<sup>3</sup> in 20°C.  
**Solubility** : Totally miscible in water.  
**Coefficient of division n-octanol / water** : Not measured

### 10 STABILITY AND REACTIVITY

- Stable** : Normal conditions of use  
**Pervading temperature conditions to be avoided** : Temperature < 0°C and > 30°C; direct sunlight.  
**Materials to avoid** : Strong oxidizing agent, iron, cast iron, zinc, galvanized steel.  
**Dangerous products of decomposition** : Hydrogen if contact with certain metals

### 11 TOXICOLOGICAL INFORMATION

- Specific toxicity** : Ingestion (tissue burns, abdominal pains).  
**Local effects** : skin and eye burns  
**Inhalation**

### 12 ECOLOGICAL INFORMATION

- Eco toxicity** : Toxic to aquatic life  
**Mobility** : Soluble in water  
**Obstinacy / degradability** : The active agents tensio contained in this preparation are easily bio-degradable according to the criteria of biodegradability contained in regulation CE n°648 / 2004  
**Potential of bio-cumulation** : None known  
**Other harmful effects** : None known



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### 13 DISPOSAL CONSIDERATIONS

It is possible to discharge small quantities that have been strongly diluted. Wash the used containers in water before disposing of them. This waste can be considered as commonplace industrial waste, and its collection can be made by the local authority or an approved disposal contractor. Conform to current legal guidelines.

### 14 TRANSPORT INFORMATION

**Shipping name** : UN 1805 Phosphoric acid in solution, 8, III  
**I.D. n°** : 80  
**ADR/RID** : 8  
**Group** : III  
**Official transport designation** : UN 1805 Phosphoric acid in solution, 8, III

**ADR Class** : 8  
**Packaging Groupe ADR** : III

### 15 REGULATORY INFORMATION

**Symboles** : C : corrosive  
**R Phrases** : R34: Provokes burns  
**S Phrases** : S1/2: Keep locked away from the reach of children  
: S26: in the case of eye contact, immediately wash with copious amounts of cold water  
Consult a doctor  
: S27/28: after skin contact, immediately remove all contaminated clothes and thoroughly wash yourself with water.  
: S36/37/39: wear adequate protective clothing, gloves and eyes/face protection  
: S45: in the event of an accident or of illness, immediately consult a doctor (if possible show him the label).

Article L 461.6 of the code of the Social Security and the decree of August 3rd, 1963 (J.O of August 23rd, 1963) : medical statement of the affections provoked by the sulfamic acid and the phosphoric acid.

### 16 OTHER INFORMATION

**Formula deposited in the anti-poison centre of Nancy**  
**Tel: 33 0 3.83.32.36.36**

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

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