



Safety Data Sheet  
PLATES CARE AND GRATES

Safety Data Sheet dated 6/4/2008, version 1 REACH

#### 1. IDENTIFICATION OF THE PRODUCT AND OF THE COMPANY

Fornitore: DOCHEM S.R.L. VIA DELLA COSTIERA 27020 DORNO (PV) ITALY  
Codice commerciale: PLATES CARE AND GRATES  
Tipo di prodotto ed impiego: Deoxidizing detergent  
Distributor: INDESIT COMPANY SpA FABRIANO (AN)  
Emergency telephone number of the company and/or of an authorised advisory centre:  
Centro Antiveleni - Ospedale di Niguarda - Milano - Tel. +39 02/66101029  
TEL. +39 0382 812511 FAX +39 0382 848570 PORT Sig. Forgione. +39-335.7318461  
[docchem@docchem.it](mailto:docchem@docchem.it) - [www.docchem.it](http://www.docchem.it)

#### 2. HAZARDS IDENTIFICATION

Properties / Symbols:  
Xi Irritant  
R Phrases:  
R36/38 Irritating to eyes and skin.

#### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components within the meaning of EEC directive 67/548 and corresponding classification:

1% - 5% phosphoric acid ... %, orthophosphoric acid ... %  
N.67/548/CEE: 015-011-00-6 CAS: 7664-38-2 EINECS: 231-633-2  
C; R34

5% - 10% hydrochloric acid ... %  
N.67/548/CEE: 017-002-01-X EINECS: 231-595-7  
Xi,C; R34-37

#### 4. FIRST AID MEASURES

Contact with skin:  
Immediately take off all contaminated clothing.  
Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Contact with eyes:  
Wash immediately and thoroughly with running water, keeping eyelids raised, for at least 10 minutes. Following this, protect the eyes with sterile gauze or a clean, dry, handkerchief. OBTAIN A MEDICAL EXAMINATION.

Swallowing:  
Induce vomiting. SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety-data sheet. A suspension of activated charcoal in water, or liquid paraffin may be administered.

Inhalation:  
Ventilate the premises. The patient is to be removed immediately from the contaminated premises and made to rest in a well ventilated area. Should the patient feel unwell, OBTAIN MEDICAL ATTENTION.

#### 5. FIRE-FIGHTING MEASURES

Recommended extinguishers:  
Water, CO2, Foam, Chemical powders, according to the materials involved in the fire.

Extinguishers not to be used:  
None in particular.

Risks arising from combustion:  
Avoid inhaling the fumes.

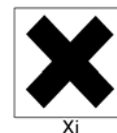
Protective equipment:  
Use protection for the respiratory tract.

#### 6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety:  
Use a mask, gloves and protective clothing.

Environmental measures:  
Limit leakages with earth or sand.  
If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods:



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Rapidly recover the product. To do so, wear a mask and protective clothing.  
If the product is in a liquid form, stop it from entering the drainage system.  
Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material.  
After the product has been recovered, rinse the area and materials involved with water.

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## 7. HANDLING AND STORAGE

### Handling precautions:

Avoid contact and inhalation of the vapours. See, too, paragraph 8 below.  
Do not eat or drink while working.

### Incompatible materials:

None in particular.

### Storage conditions:

### Instructions as regards storage premises:

Adequately ventilated premises.

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Precautionary measures:

Give adequate ventilation to the premises where the product is stored and/or handled.

### Respiratory protection:

Not needed for normal use.

### Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

### Eye protection:

Use close fitting safety goggles and/or visor conforming to BS 2092 GRADE 1).

### Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

### Exposure limit(s) (ACGIH):

phosphoric acid ... %, orthophosphoric acid ... %

VLE 8h: 1 mg/m<sup>3</sup> VLE short: 2 mg/m<sup>3</sup> TLV TWA: 0,25 ppm - 1 mg/m<sup>3</sup> TLV STEL: 0,75 ppm - 3 mg/m<sup>3</sup>

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance and colour:

Crema

### Odour:

Profumato

### pH:

Acido

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## 10. STABILITY AND REACTIVITY

### Conditions to avoid:

Stable under normal conditions.

### Substances to avoid:

None in particular.

### Hazardous decomposition products:

None.

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## 11. TOXICOLOGICAL INFORMATION

The concentration of each substance should be borne in mind in assessing the toxicological effects deriving from the preparation.

Set out below is the toxicological information relating to the main substances in the preparation.

phosphoric acid ... %, orthophosphoric acid ... %

LD50 (RABBIT) SKIN: 2740 MG/KG

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## 12. ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment.

Biodegradability:-Modified Sturm (OECD 301B) 10% after 13 day, 60% after 26 and 74% by end of test 29 day.

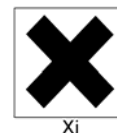
The product can not be considered readily biodegradable due to failing the 10 day window criteria.

This surfactant complies with the biodegradation criteria as laid down in regulation (EC) No 648/2004 on detergents.

Data to support this assertion are held at the disposal of the competent authorities of the memberstates and will be

made available to them at their direct request or at the request of a detergent manufacturer.

Toxicity to rainbow trout (Onchorhynchus mykiss): The 96 h LC50 value for rainbow trout (Onchorhynchus mykiss) is >100 mg/l. The "no-observed effect level" is >100 mg/l.



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### 13. DISPOSAL CONSIDERATIONS

Recover if possible. In so doing, comply with the local and national regulations currently in force.  
Where applicable, refer to the following regulatory provisions : 91/156/EEC, 91/689/EEC, 94/62/EC and subsequent amendments.

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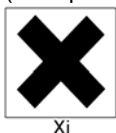
### 14. TRANSPORT INFORMATION

ADR-UN number:	1805
ADR-Class:	8
ADR-Packing Group:	2

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### 15. REGULATORY INFORMATION

Council Directive 67/548/EEC (Classification, packaging and labelling of dangerous substances) and subsequent amendments. Commission Directive 1999/45/EC (Classification, packaging and labelling of dangerous preparation) and subsequent amendments. Commission Directive 98/24/EC (Protection of the health and safety of workers from the risk related to chemical agent). Commission Directive 2000/39/EC (Occupational exposure limit values). Regulation (EC) No 1907/2006 (REACH).



Symbols:

Xi Irritant

R Phrases:

R36/38 Irritating to eyes and skin.

S Phrases:

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37 Wear suitable gloves.

Where applicable, refer to the following regulatory provisions :

Directive 2003/105/CE ('Activities linked to risks of serious accidents').

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### 16. OTHER INFORMATION

Text of R phrases referred to under heading 3:

R34 Causes burns.

R37 Irritating to respiratory system.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

ACGIH - Threshold Limit Values - 1997 edition

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.