



**QUALITY CLEANING EQUIPMENT**

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Cap. Soc. L. 90.000.000 int. vers.  
R.E.A. n. 211372 - Reg. Impr. di Padova n. 30349  
Cod. Fisc. e Part. Iva IT02151740285

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## SAFETY DATA SHEET

Floor universal degreasing detergent: **ACTIPLUS**

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

Trade name: ACTIPLUS  
Trade code: 777  
Product type and use: Detergent for hard superface  
Supplier:  
Interchem Italia srl - Via Spagna, 8 - 35010 Peraga di Vigonza (PD)  
tel +39 049 8932391 fax +39 049 8932300  
www.interchemitalia.it - info@interchemitalia.it  
Company telephone number a/o official consultation center in case of emergencies:  
Interchem Italia srl - tel +39 049 8932391

### 2. COMPOSITION/INFORMATION ABOUT INGREDIENTS

Information on the product – Detergent regulation EU (648/2004/CE): Below 5% phosphonates, anionic surfactants, soap.

Substances containing health hazards in accordance with directive 67/548/EEC and subsequent adjustments or for those where acknowledged limits of exposure exist:

Quantity	N.67/548/CEE	CAS	EINECS	Name / Classification
2.5% - 5%	603-030-00-8	141-43-5	205-483-3	2-Aminoethanol C R20/21/22 R34

### 3. HAZARD IDENTIFICATION

**Classification of the preparation:**

The prepared one is not classified dangerous.

**Physical-chemical hazards:**

No specific hazard known for normal use.

**Negative health effects:**

No specific hazard known for normal use.

**Negative effects for the environment:**

No specific hazard known for normal use.

### 4. FIRST AID MEASURES

**General information:**

In doubtful cases or when symptoms persist, seek medical attention keeping the safety data sheet of the preparation on hand. Do not administer any oral substance given out by those unqualified.

**Contact with skin:**

Wash abundantly with water and soap.

**Contact with eyes:**

Immediately rinse using plenty of water for at least 10 minutes.

**Ingestion:**

Absolutely not induce vomiting. IMMEDIATELY SEEK MEDICAL ATTENTION.

It is possible to administer activated carbon in water or medicinal mineral vaseline oil.

**Inhalation:**

Ventilate the environment. Immediately remove the patient out of the contaminated environment into an area with fresh air. In malaise case consult a doctor.

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## 5. FIRE-FIGHTING MEASURES

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**Suitable extinguishers :**

Water, CO<sub>2</sub>, Foam, Chemical powders depending on the materials involved in the fire.

**Prohibited extinguishers :**

None in particular.

**Combustion risks:**

Avoid inhaling the fumes.

**Protection measures:**

Use protections for the respiratory airways.

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## 6. ACCIDENTAL RELEASE MEASURES

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**Personal precautions:**

Wear protective gloves and clothing.

**Environmental precautions:**

Contain the release using dirt or sand.

If the product has flowed into a course of water, sewer system or has contaminated the ground or vegetation, advise the competent authorities.

**Cleaning methods:**

Make sure the product does not enter the sewer system.

Collect the product to be used again, if possible, or for elimination. Soak it up using inert material.

After collection, wash the area and materials involved with water.

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## 7. HANDLING AND STORAGE

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**Handling precautions:**

Avoid contact and inhalation with vapours. See paragraph 8.

Do not eat or drink while working.

**Incompatible materials:**

Nobody in particular. See also successive paragraph 10.

**Storage:**

Store the product in closed, original packages only.

Keep the area well-ventilated.

**Particular use:**

For particular use of the product, consult the specific information or contact the company technical service.

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## 8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

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**Precautionary measures:**

Keep the areas where the product will be stored a/o handled well-ventilated.

**Respiratory protection:**

Not necessary for normal use.

**Hand protection:**

Not necessary for normal use.

**Eye protection:**

Not necessary for normal use. Operate, however, in accordance with the good working practical.

**Skin protection:**

No particular precaution must be adopted for normal use.

**Limits of exposure to the contained substances:**

2-Aminoetanolo

TLV TWA: 3 ppm - 7,49 mg/m<sup>3</sup> TLV STEL: 6 ppm - 14,99 mg/m<sup>3</sup>

The workers exposed to this preparation must not be subjected to sanitary inspection provided that the results of the evaluation of risks demonstrate that there is only a moderate risk for the safety and health of the workers and that the measures provided by the D.Lgs. n.25 from 02/02/02 are sufficient in order to reduce the risk.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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Appearance:	Limpid liquid
Colour:	Light yellow
Odour:	Characteristic
pH:	11 - 12
Boiling point:	> 100° C
Flash point:	Flameproof
Auto-flammability:	Absent
Explosive property:	Absent
Vapour pressure:	n.d.
Relative density:	990 - 1030 g/l
Water solubility:	Completely soluble
Lipo solubility:	Insoluble
Division coefficient (n-octanol/water) :	n.d
Vapour density:	n.d

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## 10. STABILITY AND REACTIVITY

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**Conditions to be avoided:**

Stable in normal conditions.

**Substances to be avoided:**

Acid, oxidants and reducing agents, aluminum, light metals.

**Hazardous decomposition products:**

None.

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## 11. TOXICOLOGICAL INFORMATION

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Toxicological data is not available for the preparation. Therefore, consider the concentration of the single substances in order to evaluate the toxicological effects deriving from the exposure to the preparation.

The toxicological information regarding the main substances present in the preparation are listed below:

2-Aminoethanol

LD50 Oral (Rat): 2100 mg/kg

LD50 Skin (Rabbit): 1000 mg/kg

1-Propoxy-2-propanol

LD50 Oral (Rat): 2000 - 4350 mg/kg

LD50 Skin (Rabbit): 3600 - 4500 mg/kg

**The main effects deriving from the exposure to the preparation are listed below:****Skin contact:**

No effect in the normal modalities and amount of use.

**Eye contact:**

Light irritations as a result of consisting and repeated contacts.

**Ingestion:**

Light irritations of the oral cable and the gastroenteric feature as a result of a sizable amount ingested.

**Inhalation:**

Improbable way of exposure.

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## 12. ECOLOGICAL INFORMATION

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**General character ecological information:**

Utilize according to good work practices, avoiding the release of the product in the environment. Use the product in the way and the previewed scopes.

**Ecotoxicity:**

The product does not possess inhibiting effects to the activity of the microorganisms and, in the opportune conditions can be started on the systems of water treatment, avoid to introduce concentrated solutions of product in the water depuration systems. The pH it must be comprised between 5.5 and 9.5.

There's no available ecotoxic data on the product. We report the available data of the substances contained in the product.

**2-Aminoethanol**

EC50 48 h Daphnia magna: 65 mg/l

**1-Propoxy-2-propanol**

LC50 Pimephales promelas: 3400 mg/l

LC50 Onchorynchus mykiss: > 100 mg/l

LC50 Daphnia magna: 3600 mg/l

EC50 Daphnia magna: > 100 mg/l

EC50 Bacteria: 3800 mg/l

IC50 Seaweed: 1466 mg/l

LC50/EC50/IC50 species more sensitive: > 100 mg/l

**Mobility:**

In water and ground important solubilities and mobilities. Possible contamination of the water bed in rain case.

**Persistence and degradability:**

The product contains surfactants in accordance to the criteria of biodegradabilities established in Regulations Detergent EU (EC/648/2004). The organic substances presents are dismissable in the normal systems of water treatment.

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## 13. WASTE REMOVAL DIRECTIONS

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For manipulation observe the precautionary measures of protection described on paragraph 8.

**Waste removal of the product:**

Recuperate if possible. Send to authorized waste removal plants. Operate according to local and national dispositions in force.

**Waste removal of the packaging:**

Always rinse with water accurately the packaging before their waste removal or recycling, recovering if possible the washing solution dealing them like previously described. The empty and clean packages can be used again or recycled in agreement with the enforced norms in matter.

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## 14. TRANSPORT INFORMATION

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Goods are not hazardous according to transport norms.

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## 15. INFORMATION ABOUT REGULATIONS

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Warning labels according to the directives 67/548/EEC and 1999/45/EC and subsequent changes and adjustments. Italian Regulations: D.Lgs. 14/03/2003 n.65 (Classification and Labeling) and subsequent adjustments.

Goods are not hazardous in accordance with directive 1999/45/EC and subsequent adjustments.

## 16. OTHER INFORMATION

The present sheet is drawn up in conformity with the Directive 91/155/EC as modified by the Directive 93/112/EC and the Directive 2001/58/EC. Directive 67/548/CEE. Directive 2004/74/CE (29th Adaptation to Technical Progress).

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 - Treshold Limit Values - 1997 edition

The information included is based on our knowledge of the above-mentioned data. It refers to the indicated product only and does not constitute a secure warranty.

The user must check the suitability and completeness of the information in relation to the specific use he must use it for.

**This sheet cancels and substitutes any previous version.**

Text from phrases R used in paragraph 2:

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R34 Causes burns.

Legend: n.a. not applicable, n.d. not available.

LINDHAUS srl Via Belgio, 22 35127 Zona Industriale Padova – ITALY Tel. ++39 049 8700307 FAX ++39 049 8700605 <a href="http://www.lindhaus.it">www.lindhaus.it</a> vacuum@lindhaus.it	Emission data 01.12.2006  Rev. 0
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