

Conforms to EU Directive 91/155/EEC, as amended by 2001/58/EC

**Eco-Clin Tabs -88**

Code : 110798E

Version : 1

Date of issue : 6 July 2006

**1. Identification of product and company****Identification of the substance or preparation****Product name** : Eco-Clin Tabs -88**Product use** : Machine Warewashing Detergent  
Product is for professional use only**Company/undertaking identification****2. Composition/information on ingredients****Ingredient declaration according to detergent regulation 648/2004/EC:**≥30% phosphates  
≥5 - <15% oxygen-based bleaching agents  
<5% non-ionic surfactants, polycarboxylates, phosphonates

Contains enzymes.

Contains Perfumes: (Limonene)

**Substance/preparation** : Preparation

| Ingredient name   | EINECS    | CAS        | %       | Classification                 |
|---|-----------|------------|---------|--------------------------------|
| Sodium carbonate  | 207-838-8 | 497-19-8   | 20 - 25 | Xi; R36                        |
| Sodium perborate monohydrate  | 234-390-0 | 10332-33-9 | 5 - 10  | O; R8<br>Xn; R22<br>Xi; R36/38 |
| Sodiumsilicate  | 237-623-4 | 13870-28-5 | 2 - 5   | Xi; R36                        |
| Perfumes  |           |            | 2 - 5   | Xn; R65<br>Xi; R38<br>R43      |
| Nonionic surfactants  | 500-242-1 | 69227-21-0 | 2 - 5   | N; R51/53<br>Xi; R36<br>N; R50 |
| <b>See section 16 for the full text of the R-phrases declared above</b> |           |            |         |                                |

**Occupational exposure limits, if available, are listed in section 8.****3. Hazards identification**

The preparation is classified as dangerous according to Directive 1999/45/EC and its amendments.

**Classification** : Xi; R41**Human health hazards** : Risk of serious damage to eyes.**See section 11 for more detailed information on health effects and symptoms.****4. First-aid measures****First-aid measures****Inhalation** : If inhaled, remove to fresh air.**Ingestion** : Do not induce vomiting unless directed to do so by medical personnel. If swallowed, rinse mouth with water (only if the person is conscious).**Skin contact** : Flush contaminated skin with plenty of water.**Eye contact** : In case of contact with eyes, rinse immediately with plenty of water. Get medical attention immediately.

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**Specific treatments** : Not available.

**See section 11 for more detailed information on health effects and symptoms.**

## **5. Fire-fighting measures**

**Extinguishing media** : In case of fire, use water spray (fog), foam or dry chemical.

**Special protective equipment for fire-fighters** : Fire-fighters should wear proper protective equipment.

## **6. Accidental release measures**

**Personal precautions** : Large spill and leak Immediately contact safety personnel.

**Environmental precautions and clean-up methods** : Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers.

SMALL SPILL Rinse with plenty of running water. For large spills dike spilled material or otherwise contain material to ensure runoff does not reach a waterway. Place spilt material in an appropriate container for disposal.

**Note:** see section 8 for personal protective equipment and section 13 for waste disposal.

## **7. Handling and storage**

**Handling** : Do not get in eyes, on skin or on clothing. Avoid breathing dust. Handle and open container with care.

**Storage** : Keep container tightly closed. Keep away from food, drink and animal feeding stuffs. Keep only in the original container.  
Do not store above 30°C

**Packaging materials**

**Recommended** : Use original container.

**Specific uses** : Not available.

## **8. Exposure controls/personal protection**

**Exposure limit values** : Not available.

**Exposure controls**

**Occupational exposure controls** : Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

**Respiratory protection (EN 143, 141)** : A respirator is not needed under normal and intended conditions of product use.

**Hand protection (EN 374)** : 1-4 hour(s) (breakthrough time): butyl rubber , nitrile rubber

**Eye protection (EN 166)** : Safety glasses.Goggles, face shield, or other full-face protection.

**Skin protection (EN 467)** : No special recommendations.

## **9. Physical and chemical properties**

**General information**

**Appearance**

**Physical state** : Solid. (Tablet.)

**Colour** : white with coloured particles (Light.

**Odour** : citrus

**Important health, safety and environmental information**

**pH** : 10.8 (1%)

**Boiling point** : Not available.

**Melting point** : Not available.

**Flash point** : > 100°C  
Product does not support combustion.

**Flammability (solid, gas)** : Not applicable.

## **Eco-Clin Tabs -88**

|   |                   |
|---|-------------------|
| <b>Explosive properties</b>                 | : Not applicable. |
| <b>Explosion Limits</b>                     | : Not applicable. |
| <b>Oxidising properties</b>                 | : Not available.  |
| <b>Vapour pressure</b>                      | : Not applicable. |
| <b>Relative density</b>                     | : Not available.  |
| <b>Solubility</b>                           | : Not available.  |
| <b>Octanol/water partition coefficient</b>  | : Not applicable. |
| <b>Viscosity</b>                            | : Not available.  |
| <b>Vapour density</b>                       | : Not available.  |
| <b>Evaporation rate (butyl acetate = 1)</b> | : Not applicable. |

## **10. Stability and reactivity**

|                           |  |
|---------------------------|--|
| <b>Stability</b>          | : Stable under normal conditions.  |
| <b>Materials to avoid</b> | : Reactive or incompatible with the following materials: metals, acids and moisture.<br>Slightly reactive or incompatible with the following materials: organic materials.<br>Non-reactive or compatible with the following materials: alkalis.<br>Do not mix with other products. |

## **11. Toxicological information**

### **Potential acute health effects**

|                              |   |
|------------------------------|---|
| <b>Inhalation</b>            | : No specific hazard.                               |
| <b>Ingestion</b>             | : No specific hazard.                               |
| <b>Skin contact</b>          | : No specific hazard.                               |
| <b>Eye contact</b>           | : Severely irritating to eyes.                      |
| <b>Reproductive toxicity</b> | : No known significant effects or critical hazards. |

## **12. Ecological information**

### **Ecotoxicity**

The product is not subject to ecological classification according to directive 1999/45/EC.

### **Persistence and degradability**

The surfactants contained in the product are biodegradable according to the requirements of the detergent regulation 648/2004/EC

## **13. Disposal considerations**

|                                       |   |
|---------------------------------------|---|
| <b>Methods of disposal</b>            | : Waste must be disposed of according to applicable regulations. Use as much of the contents as possible, according to instructions. Can be added to general waste collection after completely emptying. Use packages for recycling only when totally empty |
| <b>Waste classification</b>           | : Not applicable.   |
| <b>European waste catalogue (EWC)</b> | : 200115*   |

## **14. Transport information**

**International transport regulations**

**Eco-Clin Tabs -88**

| Regulatory information | UN number      | Proper shipping name | Class | Packing group | Label |
|------------------------|----------------|----------------------|-------|---------------|-------|
| <b>ADR/RID Class</b>   | Not regulated. | -                    | -     | -             |       |
| <b>ADN Class</b>       | Not regulated. | -                    | -     | -             |       |
| <b>IMDG Class</b>      | Not regulated. | -                    | -     | -             |       |

Follow special pack instructions for air transport.

**15. Regulatory information**EU regulations

Hazard symbol/symbols :



Irritant

**Risk Phrases** : R41- Risk of serious damage to eyes.

**Safety phrases** : S2- Keep out of the reach of children.

S25- Avoid contact with eyes.

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

S46- If swallowed, seek medical advice immediately and show this container or label.

**Additional warning phrases** : Contains (Amylases, Proteases, (R)-p-Mentha-1,8-diene). May produce an allergic reaction.

**16. Other information**

**Full text of R-phrases referred to in sections 2 and 3 - Europe** : R8- Contact with combustible material may cause fire.

R22- Harmful if swallowed.

R65- Harmful: may cause lung damage if swallowed.

R36- Irritating to eyes.

R36/38- Irritating to eyes and skin.

R38- Irritating to skin.

R41- Risk of serious damage to eyes.

R43- May cause sensitisation by skin contact.

R50- Very toxic to aquatic organisms.

R51/53- Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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**Prepared by** : Ecolab Regulatory Department Europe

Notice to reader

**The above information is believed to be correct with respect to the formula used to manufacture the product in the country of origin. As data, standards, and regulations change, and conditions of use and handling are beyond our control, NO WARRANTY, EXPRESS OR IMPLIED, IS MADE AS TO THE COMPLETENESS OR CONTINUING ACCURACY OF THIS INFORMATION.**