

# Innosoft B570 MATERIAL SAFETY DATA SHEET

(According to 1907/2006/EC, article 31)

Date of issue: 28. 2. 2008

## 1. Identification of the preparation and of the company / undertaking

**Name of the product:** Innosoft B570

**Use of the product:** Ready-to-use stainless steel cleaner with abrasives, for professional use according to the instructions in the technical bulletin.

## 2. Hazards identification

R 38 Irritating to skin.

R 41 Risk of serious damage to eyes.

## 3. Composition / information on ingredients - Ingredients (according to 648/2004EC):

5-15% anionic surfactants,

<5% nonionic surfactants,

contains preservation agents (2-bromo-2-nitropropane-1,3-Diol, methylchloroisothiazolinone, methylisothiazolinone).

Other ingredients: organic acids, auxiliary agents, perfumes (Limonene, Butylphenyl Methylpropional, Benzyl alicylate, Hexyl Cinnamal).

## 4. Hazardous ingredients:

5-15% anionic surfactants,

CAS 85711-69-9,

EINECS/ELINCS 288-330-3 Xi;

R 38, R 41 1-5%

nonionic surfactants, CAS 127036-24-2, EINECS/ELINCS Xi; R 41 1-5% glycolic acid, CAS 79-14-1, EINECS/ELINCS 201-180-5 C; R 34

The full texts of the mentioned R-phrases are listed in chapter 16.

## First aid measures

**Skin contact:** Wash affected areas with soap and water and rinse well. Immediately take off all contaminated clothing.

**Eye contact:** Rinse opened eyes several minutes under running water and call medical attention.

**Ingestion:** Wash out mouth with water and drink plenty of water. Do not induce vomiting, instantly call medical attention.

## 5. Fire-fighting measures

Product is not combustible, adjust measures to the general situation.

## 6. Accidental release measures

**Personal precautions:** Avoid contact with eyes and skin. Wear personal protection equipment (see chapter 8).

**Environmental precautions:** Do not allow to enter surface or ground waters.

**Methods for cleaning / collecting:** Take up with suitable absorbent material (e. g. sand or diatomite).

## 7. Handling and storage

**Handling:** Use only in accordance with the instructions in the Technical Bulletin. Avoid contact with skin and eyes. Do not mix with other products. Wear personal protection equipment (see chapter 8).

**Storage:** Keep container tightly closed.

## 8. Exposure controls / personal protection

Components with occupational exposure limits - See chapter 3.

**Respiratory protection:** Not required if used according to the instructions in the Technical Bulletin.

**Hand protection:** Protective gloves, category III according to EN 374. A survey of suitable brands with detailed information on breakthrough times is available upon request.

**Eye protection:** Goggles.

## 9. Physical and chemical properties

**Appearance:** liquid

**Odour:** perfume

**pH-value:** ca. 3

**Melting point / melting range:** ca. 0 °C

**Boiling point / boiling range:** ca. 100 °C

**Flash point:** ---

**Autoflammability:** --

**Explosive properties:** None expected.

**Density (25 °C):** 1,25

**Solubility in / miscibility with water:** partially soluble

**Viscosity (25 °C):** <1000 mPas

## 10. Stability and reactivity

**Thermal decomposition / conditions to avoid:** Stable under normal conditions.

**Hazardous reactions:** Contact with certain metals liberates hydrogen - risk of explosion. Reaction with alkalis (bases).

**Hazardous decomposition products:** None known.

## 11. Toxicological information

**Skin contact:** Irritating to the skin.

**Eye contact:** Strongly irritating -risk of eye damage.

**Ingestion:** Seriously irritating to the mouth and throat. Foam formation after vomiting bears risk of suffocation. LD 50 (rat) > 2000 mg / kg.

## 12 Ecological information

The surfactants contained in this product comply with the biodegradability criteria as laid down in regulation 648/2004/EC on detergents. Data to support this assertion are held at the disposal of the competent authorities of the Member States and will be made available to them, at their direct request or at the request of a detergent manufacturer. A Certificate of Ecology (statement on environmental compatibility) with detailed information on the ecological properties of the product is available on request.

## 13. Disposal considerations

Small quantities may be flushed with plenty of water into the sewerage.

After rinsing with plenty of water, empty containers may be recycled, landfilled or burned.

**Waste code according to 2000/532/EC (product):** 070601

**Waste code according to 2000/532/EC (package):** 150102

#### **14. Transport information**

**ADR:** Not classified according to ADR.

#### **15. Regulatory information**

Labelling according to 67/548/EEC and 1999/45/EC: Irritant

R 38 Irritating to skin.

R 41 Risk of serious damage to eyes.

S 2 Keep out of the reach of children.

S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 28 After contact with skin, wash immediately with plenty of soap and Water.

S 39 Wear eye/face protection.

S 46 If swallowed, seek medical advice immediately and show container or label.

Volatile organic compounds (VOC) according to 1999/13/EC: <30%.

#### **16 Other information**

##### **Text of R-Phrases (see chapter 3)**

R 10 Flammable.

R 11 Highly flammable.

R 12 Extremely flammable.

R 22 Harmful if swallowed.

R 21 Harmful in contact with skin.

R 20 Harmful by inhalation.

R 34 Causes burns.

R 35 Causes severe burns.

R 36 Irritating to eyes.

R 37 Irritating to respiratory system.

R 38 Irritating to skin.

R 41 Risk of serious damage to eyes.

R 50 Very toxic to aquatic organisms.

R 51 Toxic to aquatic organisms.

R 52 Harmful to aquatic organisms.

R 53 May cause long-term adverse effects in the environment.

R 65 Harmful: May cause lung damage if swallowed.

R 66 Repeated exposure may cause skin dryness or cracking.

R 67 Vapours may cause drowsiness and dizziness.

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