

<b>POLTI SpA</b>	Revision no. 6 Data di redazione: 15/06/2022 Data di stampa: 16/06/2022
<b>NEW KALSTOP</b>	

## SAFE DATA SHEET

### SECTION 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

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#### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Description/Use: Anti-limescale product for iron boilers.

#### 1.3 Details of the supplier of the safety data sheet

**Supplier:** Polti S.p.a

**Address:** Via Ferloni, 83

**Postcode/Place:** 22070 Bulgarograsso, Como

**Telephone:** 800 162162 (Servizio Clienti)

**Contact for information:** regulatory@polti.com

#### 1.4 Emergency telephone number

For urgent inquiries refers to: Tel. 848 162162 (Costumer Service)

### SECTION 2: Hazard identification

#### 2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Nobody.

#### 2.2 Label elements

Labeling according to CE regulation n. 1272/2008 [CLP]

Precautionary advice

P102 keep out of reach of children

#### 2.3 Other hazards

The substances contained in the mixture do not meet the criteria for the identification of PBT and vPvB substances according to Annex XIII of the REACH Regulation.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixtures

Hazardous ingredients

None.

More information

The full text of the H and EUH hazard statements (phrases) is given in section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

In case of inhalation

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Move the casualty away from the danger area. Provide fresh air. If in doubt or if you experience symptoms, consult a doctor.

### **In case of contact with skin**

Remove contaminated clothing immediately. Wash immediately and abundantly with soap and water. In case of skin irritation, consult a dermatologist.

### **After eye contact**

Wash immediately and abundantly with water, opening the eyelids well. Remove contact lenses, if present, then continue rinsing eyes for at least 15 minutes.

### **In case of ingestion**

Rinse your mouth with water without swallowing. In the event of an accident or if you feel unwell, consult a doctor immediately.

## **4.2 Most important symptoms and effects, both acute and delayed**

There is no information available.

## **4.3 Indication of any immediate medical attention and special treatment needed**

Consult a doctor.

## **SECTION 5: Firefighting measures**

### **5.1 Extinguishing media**

#### **Suitable extinguishing media**

Carbon dioxide (CO<sub>2</sub>), dust or water spray, foam.

#### **Unsuitable extinguishing media**

Full jet water. Water is not effective at extinguishing fire, but can be used to cool closed containers exposed to flames.

### **5.2 Special hazards arising from the substance or mixture**

Not flammable under normal conditions.

### **5.3 Advice for firefighters**

Always wear full fire protection equipment. Remove the product from the fire area (if it does not constitute a danger) or cool the containers with water jets, so as to prevent the heat from increasing the pressure inside them. Collect extinguishing water that must not be discharged into sewers. In any case, avoid coming into contact with the product or container without adequate protection.

#### **Fire protection equipment**

Clothing for fighting fire such as open circuit compressed air breathing apparatus (EN 137), flame retardant suit (EN 469), flame retardant gloves (EN 659) and boots for firefighters.

## **SECTION 6: Accidental release measures**

### **6.1 Personal precautions, protective equipment and procedures in case of emergency**

Avoid contact with skin and eyes.

#### **For those who do not intervene directly**

Remove people not involved in the emergency response from the affected area. Alert the internal emergency personnel or the Fire Brigade.

#### **For those who intervene directly**

Follow the provisions of the internal emergency plan. Wear adequate protective equipment (protective clothing, masks, gloves, glasses) to prevent contamination of the skin, eyes and personal clothing.

## **6.2 Environmental precautions**

Do not dispose of in sewers or groundwater.

## **6.3 Methods and materials for containment and cleanup**

### **For containment**

non-sparking mechanical means and place it in containers for recovery and/or disposal.

### **For the cleaning**

The contaminated area should be cleaned immediately with water or an aqueous detergent solution. Provide sufficient ventilation.

## **6.4 Reference to other sections**

Further information regarding personal protection and disposal is given in sections 8 and 13 respectively.

## **SECTION 7: Handling and storage**

### **7.1 Precautions for safe handling**

For recommended personal protective equipment (PPE), see section 8. When finished handling, wash hands and exposed body parts with soap and water.

### **7.2 Conditions for safe storage, including any incompatibilities**

#### **Requirements for storage areas and containers**

Store the container in a cool, well-ventilated place. Keep away from heat sources, direct sunlight and humidity.

#### **Indications for common storage**

##### **Keep away from**

Keep away from food or feed and drinks.

##### **Further information on storage conditions**

Keep container tightly closed and in a well-ventilated place. Store in a closed container out of the reach of children. Keep/Store only in the original container.

### **7.3 Specific end uses**

#### **Recommendation**

Whoever uses the product is responsible for any damage resulting from improper use of the preparation.

## **SECTION 8: Exposure controls/personal protection**

### **8.1 Control parameters**

Nobody.

### **8.2 Exposure controls**

#### **Individual protection**

##### **Eye/face protection**

Suitable eye protection

Not necessary if use complies with the instructions.

##### **Skin protection**

Hand protection

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Wear suitable protective gloves (European Standard EN 374) made of latex, PVC or equivalent. Wash your hands before eating, drinking or smoking.

### Respiratory protection

Not necessary if use complies with the instructions.

### Thermal hazards

There is no information available.

### Environmental exposure controls

There is no information available.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Appearance:** Liquid

**Color:** Transparent

**Odour:** characteristic

#### Security parameters

**Melting point/ freezing point:** (1013 hPa) No data available

**Freezing temperature:** (1013 hPa) No data available

**Initial boiling point and boiling range:** (1013 hPa) > 100°C

**Flash point:** > 60°C

**Self-ignition temperature:** No data available

**Lower explosive limit:** No data available

**Upper explosive limit:** No data available

**Vapor pressure:** (50 °C) No data available

**Density:** (20 °C) No data available

**Relative density:** (20 °C) No data available

**pH:** No data available

**log PO/ W:** No data available

**Viscosity:** (20 °C) No data available

**Olfactory threshold:** No data available

**Relative vapor density:** (20 °C) No data available

**Evaporation index:** No data available

### 9.2 Other information

Nobody.

## SECTION 10: Stability and reactivity

### 10.1 Reactivity.

The product is stable under recommended storage and use conditions (see paragraph 7).

### 10.2 Chemical stability

The product is stable under normal temperature and pressure conditions.

### 10.3 Possibility of hazardous reactions

There is no information available.

### 10.4 Conditions to avoid

Do not expose to high temperatures and/or frost to avoid product degradation.

### 10.5 Incompatible materials

There is no information available.

**10.6 Hazardous decomposition products**

With thermal decomposition or in the event of fire, gases and vapors potentially harmful to human health can be released.

**SECTION 11: Toxicological information****11.1 Information on the hazard classes defined in Regulation (EC) No. 1272/2008****Acute toxicity**

From the available data it does not appear that the product presents specific risks.

**Corrosion**

Skin corrosion/irritation

From the available data it does not appear that the product presents specific risks.

Serious eye damage/eye irritation

From the available data it does not appear that the product presents specific risks.

Irritation of the respiratory tract

From the available data it does not appear that the product presents specific risks.

**Respiratory or skin sensitization**

Skin sensitization

From the available data it does not appear that the product presents specific risks.

Respiratory sensitization

From the available data it does not appear that the product presents specific risks.

**CMR effects (carcinogenic, mutagenic, toxic for reproduction)**

The ingredients in this mixture do not meet the criteria for CMR category 1A or 1B CLP compliant.

**11.2 Information on other hazards**

There is no information available.

**SECTION 12: Ecological information**

Do not disperse the product indiscriminately into the environment.

**12.1 Toxicity**

There is no information available.

**12.2 Persistence and degradability**

There is no information available.

**12.3 Bioaccumulative potential**

There is no information available.

**12.4 Mobility in soil**

There is no information available.

**12.5 Results of PBT and vPvB assessment**

The substances contained in the mixture do not meet the criteria for the identification of PBT and vPvB substances according to Annex XIII of the REACH Regulation

**12.6 Endocrine disrupting properties**

There is no information available.

**12.7 Other adverse effects**

There is no information available.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Disposal of the product/packaging**

Disposal according to local authority regulations. Avoid dispersing the product in the ground, in sewers or waterways.

**Waste treatment options****Suitable Disposal / Product**

Dispose of in compliance with current legislation.

**Suitable disposal / Packaging**

There is no information available.

**SECTION 14: Transport information****14.1 UN number or ID number**

Not dangerous goods according to transport regulations.

**14.2 UN proper shipping name**

Not dangerous goods according to transport regulations.

**14.3 Transport hazard classes**

Not dangerous goods according to transport regulations.

**14.4 Packing group**

Not dangerous goods according to transport regulations.

**14.5 Environmental hazards.**

Not dangerous goods according to transport regulations.

**14.6 Special precautions for users**

Nobody.

**14.7 Maritime transport in bulk in accordance with IMO instruments**

There is no information available.

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.**

EU regulations

The classification was carried out according to the calculation method established by EC Regulation 1272/2008 (CLP). Safety data sheet compliant with Regulation (EC) No. 1907/2006 (REACH) and subsequent amendments: Regulation (EC) no. 453/2010, Regulation (EC) n. 830/2015 and Regulation (EC) no. 878/2020. Labeling according to CE regulation n. 1272/2008 [CLP].

**15.2 Chemical safety assessment**

There is no information available.

**SECTION 16: Other information****16.1 Indications of changes**

Rev. 6 Update as per Reg. 878/2020; modified paragraph 9.1.

**16.2 Abbreviations and acronyms****LEGEND:****ADR:**

Accord européen relative au transport international des marchandises dangereuses par route (European agreement relating to the international transport of dangerous goods by road)

**ASTM:**

ASTM International, originally known as the American Society for Testing and Materials (ASTM)

**EINECS:**

European Inventory of Existing Commercial Chemical Substances

**EC50:**

Effective Concentration 50 (Maximum Effective Concentration for 50% of Individuals)

**LC50:**

Lethal Concentration 50 (Lethal Concentration for 50% of Individuals)

**IC50:**

Inhibitor Concentration 50 (Inhibitory Concentration for 50% of Individuals)

**NOEL:**

No Observed Effect Level (Maximum dose without effects)

**DNEL:**

Derived No Effect Level

**DMEL:**

Derived Minimum Effect Level

**CLP:**

Classification , Labeling and Packaging

**CSR:**

Chemical Safety Report

**LD50:**

Lethal Dose 50 (Lethal Dose for 50% of Individuals)

**IATA:**

International Air Transport Association

**ICAO:**

International Civil Aviation Organization

**IMDG code:**

International Maritime Dangerous Goods code

**PBT:**

Persistent , bioaccumulative and toxic

**RID:**

Regulation concerning international railway transport \_ des marchandises Dangereuses (Regulations concerning the international transport of dangerous goods by rail)

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STEL:

Short term exposure limit (short-term exposure limit)

TLV:

Threshold limit value (limit value threshold)

TWA:

Time Weighted Average (time weighted average)

EU:

European Union

vPvB :

Very persistent very bioaccumulative (very persistent and very bioaccumulative substances)

ND:

Not available.

NA:

Not applicable

### **16.3 Important information from literature and data sources**

Nobody.

### **16.4 Classification of mixtures and evaluation methods adopted in accordance with Regulation (EC) No 1272/2008 [CLP]**

There is no information available.

### **16.5 Text of H- and EUH - sentences (Number and full text)**

Nobody.

### **16.6 Indication for education**

Nobody.

### **16.7 Additional information**

Nobody.

The information contained in this sheet corresponds to our knowledge at the time of going to press. The information is used to give you guidance on the safe use of the product indicated on the safety data sheet, with regards to storage, processing, transport and disposal. The indications do not apply to other products. If the product is mixed with other materials or is processed, the information contained in the safety data sheet is only indicative for the new material.