

# SAFETY DATA SHEET

## ER25 EVERAD DESCALER CONCENTRATE

Safety Data Sheet according OSHA HazCom Standard requirements

### SECTION 1. 1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

#### 1.1. Product identifier

Product name EVERAD DESCALER & SLUDGE DISPERSANT™ ER25

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

Identified uses Descaler and Dispersant additive for central heating systems  
Uses advised against Use only for intended applications.

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

Wiseman Industries Ltd,  
17 Radford Crescent  
Billericay  
Essex  
CM12 0DG  
[info@wisemanind.com](mailto:info@wisemanind.com)  
Tel: (0)844 567 1212 / Mon – Fri 09:00 – 17:15

#### 1.4. Emergency telephone number

01277 633 200 / Mon – Fri 09:00 – 17:15  
For the UK, call 999 and provide product name and SDS information.

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture (EC) No 1272/2008

THIS PRODUCT IS NOT CLASSIFIED ACCORDING TO CLP.

#### 2.2. Label elements

**Hazard Pictogram:** NA

**Signal word (s):** No Signal word.

**Hazard statement (s):** **THIS PRODUCT IS NOT CLASSIFIED ACCORDING TO CLP**

**Precautionary statement:** H319 Causes serious eye irritation, rinse immediately with plenty of water.  
P1/2 Keep out of the reach of children.  
P501 Dispose of contents and container in accordance with all local, regional, national and international regulations.

#### 2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2 Mixtures

Surfactants <2%w/w  
Organic compounds >5%w/w  
Blends of natural organic cleansers >5%w/w

### SECTION 4. FIRST AID MEASURES

#### 4.1 Description of first aid measures

**EYES:** Irrigate with copious amounts of tepid water for 10 minutes. If irritation persists, seek medical advice.

**SKIN:** Wash off with soap and water.

**INHALATION:** Not applicable.

**INGESTION:** Rinse mouth and throat thoroughly. Drink water and obtain immediate medical advice.

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

EYE CONTACT	No specific data
SKIN CONTACT	No specific data
INHALATION	No specific data
INGESTION	No specific data

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

Specific treatments                      No specific treatment

### **SECTION 5. FIRE FIGHTING MEASURES**

This product is water based and would not support combustion.

### **SECTION 6. ACCIDENTAL RELEASE MEASURE**

#### **6.1. Personal precautions, protective equipment and emergency procedures**

Wear appropriate protective clothing. Do not touch or walk through spillage area. Keep unnecessary and unprotected personnel from entering area.

#### **6.2. Environmental precautions**

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (waterways, sewers, soil or air). Water polluting material may be harmful to the environment if released in large quantities.

#### **6.3. Methods and material for containment and cleaning up**

Small spill	In the event of spillage mop up bulk and dilute remainder to foul drain with water.
Large spill	Treat large spillages as industrial waste.

#### **6.4. Reference to other sections**

See section 8 for information on appropriate personal equipment

### **7. HANDLING AND STORAGE**

Store in original containers and protect from extremes of temperature. Do not mix with any other material other than water as directed.

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

Read and follow manufacturer's recommendations. Avoid spilling, skin and eye contact. Avoid release to the environment. Keep in original container and do not reuse container.

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

Store in tightly closed original container in a dry, cool and well ventilated place. Keep away from food and drink.

#### **7.3. Specific end use(s)**

The identified uses for this product are detailed in Section 1.2

### **SECTION 8. EXPOSURE CONTROL/PERSONAL PROTECTION**

#### **8.1 Control parameters**

#### **8.2. Exposure controls**

Good general ventilation should be sufficient to control worker exposure to airborne contaminants

#### **Process conditions**

Provide eyewash, quick drench.

#### **Engineering measures**

Must not be handled in confined space without sufficient ventilation.

#### **Respiratory equipment**

No hazardous vapours

#### **Hand protection**

Plastic/Rubber gloves should be worn if hand contact is anticipated

#### **Eye protection**

Safety goggles or face shield if the product is used through high pressure equipment or splashing is anticipated.

#### **Other Protection**

Waterproof overalls and shoes/boots if the product is used through high pressure equipment or splashing is anticipated.

### Hygiene measures

Wash hands after handling. Wash promptly if skin becomes wet or contaminated. Wash contaminated clothing before reuse. When using do not eat, drink or smoke.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

<b>Appearance</b>	Liquid gel
<b>Colour</b>	Red
<b>Odour</b>	None
<b>Solubility</b>	Miscible in water
Initial boiling point and boiling range	98°C
<b>Melting point (°C)</b>	<b>NA</b>
<b>Relative density</b>	<b>NA</b>
Vapour density (air=1)	NA
<b>Vapour pressure</b>	<b>NA</b>
<b>Evaporation rate</b>	Not known.
<b>pH-Value, Conc. Solution</b>	<b>Less than 5</b>
<b>Decomposition temperature (°C)</b>	Not relevant
<b>Flash point</b>	<b>Will not flash</b>
Auto Ignition Temperature (°C)	Not determined.
	Non-flammable liquid, not sensitive to self-ignition.
<b>Flammability Limit - Lower(%)</b>	Not relevant
<b>Flammability Limit - Upper(%)</b>	Not relevant
<b>Partition Coefficient (N-Octanol/Water)</b>	Not relevant
<b>Explosive properties</b>	Not explosive.
<b>Explosive under influence of flame.</b>	Not considered to be explosive.
<b>Oxidising properties</b>	Does not meet the criteria for oxidising.

### 9.2 Other information

None

## SECTION 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

NA.

### 10.2 Chemical stability

This product is stable.

### 10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### 10.4. Conditions to avoid

No specific data

### 10.5. Incompatible materials

No specific data.

### 10.6. Hazardous decomposition products

Hazardous decomposition of products should not be produced under normal conditions of storage and use.

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

**Acute toxicity Oral:** Rat – 560mg/kg

**Acute toxicity Dermal:** Rabbit 20800mg/kg

**Acute toxicity Inhalation:** No fumes evolved

#### Irritation/Corrosion

**Skin:** Not tested.

**Eyes:** Not tested.

**Respiratory:** Not tested.

#### Sensitisation

Skin: Not tested.

Respiratory: Not tested

#### Mutagenicity:

Not tested.

#### Carcinogenicity:

Not tested.

#### Reproductive toxicity:

Not tested

#### Teratogenicity:

Not tested

#### Specific target organ toxicity (single exposure)

NA.

#### Specific target organ toxicity (repeated exposure)

NA.

#### Aspiration hazard

NA.

#### **Potential acute health effects**

**INHALATION:** No known significant effects or critical hazards

**SKIN CONTACT:** No known significant effects or critical hazards

**EYE CONTACT:** No known significant effects or critical hazards

**INGESTION:** No known significant effects or critical hazards

### **SECTION 12.ECOLOGICAL INFORMATION**

#### **12.1. Ecotoxicity**

The product components are not classified as environmentally hazardous.

#### **12.2. Toxicity**

Ecological testing has not been conducted on this product.

#### **12.3. Persistence and degradability**

Ecological testing has not been conducted on this product.

#### **12.4. Mobility in soil**

The product is water soluble and may spread in water systems.

#### **12.5. Results of PBT and vPvB assessment**

Not Classified as PBT/vPvB by current EU criteria.

#### **12.6. Other adverse effects**

None known.

### **SECTION 13. DISPOSAL CONSIDERATIONS**

In the event of spillage or leaks mop up bulk and dilute remainder to foul drain with water.

For large volumes follow local authority regulations. Packaging – Rinse thoroughly with water and dispose as solid waste.

### **14.TRANSPORT INFORMATION**

14.1. UN number;	Not Regulated	ADR – N/A.	CDG/CPL – N/A.	I.M.D.G – N/A.
14.2. UN proper shipping name	NA.			
14.3. Transport hazard class (es)	NA.			
14.4. Packing group	NA.			
14.5. Environmental hazards	NA.			
14.6. Special precautions for user	NA.			
14.7. Transport in bulk according to Annex of MARPOL73/78 and the IBC Code	NA.			

### **SECTION 15.REGULATORY INFORMATION**

#### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

Under (GB) / REACH

##### **Annex XIV – List of substances subject to authorisation**

Annex XIV – None of the components are listed.

##### **Substances of very high concern**

None of the components are listed.

##### **EU Legislation**

None of the ingredients are listed.

#### **15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

### **16.OTHER INFORMATION**

Revision Date: October 2023

Revision 7

Supersedes date June 2016

#### **Related Products**

EVERAD CONCENTRATED CORROSION INHIBITOR

EVERAD CONCENTRATED CLEANSER

EVERAD CONCENTRATED LEAK SEALER

EVERAD CONCENTRATED SYSTEM SILENCER

The name EVERAD is a registered trademark.

### **MANUFACTURERS DISCLAIMER**

The information contained herein is based on data available to us and is accurate and reliable to the best of our knowledge and belief. Wiseman Industries Ltd makes no representations as to its completeness of accuracy. Information is supplied on condition that persons receiving such information will make their own determination as to its suitability for their purposes prior to use. In no event will Wiseman Industries Ltd be responsible for damages of any nature whatsoever resulting from the use of or reliance upon the information contained herein.