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## **1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

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### **1.1 Product identifier**

**Product name** EXTERNAL SURFACE REVIVAL pH BOOSTED  
**Synonym(s)** ESR pH BOOSTED

### **1.2 Uses and uses advised against**

**Use(s)** CLEANER • DEGREASER • SURFACE CLEANER MOULD REMOVER

### **1.3 Details of the supplier of the product**

**Supplier name** SOSAFE SPECIALTY PRODUCTS PTY LTD  
**Address** 50 Chard Rd, Brookvale, NSW, 2100, AUSTRALIA  
**Telephone** +61 2 9938 1800  
**Fax** +61 2 9905 0979  
**Email** [sales@sosafe.com.au](mailto:sales@sosafe.com.au)  
**Website** <http://www.sosafe.com.au>

### **1.4 Emergency telephone number(s)**

**Emergency** +61 2 9938 1800

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## **2. HAZARDS IDENTIFICATION**

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### **2.1 Classification of the substance or mixture**

CLASSIFIED AS HAZARDOUS ACCORDING TO AUSTRALIAN WHS REGULATIONS

**GHS classification(s)** Skin Corrosion/Irritation: Category 2  
Serious Eye Damage / Eye Irritation: Category 2A

### **2.2 Label elements**

**Signal word** **WARNING**

**Pictogram(s)**



**Hazard statement(s)**

H315 Causes skin irritation.  
H319 Causes serious eye irritation.

**Prevention statement(s)**

P264 Wash thoroughly after handling.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Response statement(s)**

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P321 Specific treatment is advised - see first aid instructions.  
P332 + P337 + P313 If skin or eye irritation occurs: Get medical advice/ attention.  
P362 Take off contaminated clothing and wash before re-use.

**PRODUCT NAME** EXTERNAL SURFACE REVIVAL PH BOOSTED

**Storage statement(s)**

None allocated.

**Disposal statement(s)**

None allocated.

**2.3 Other hazards**

No information provided.

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### 3. COMPOSITION/ INFORMATION ON INGREDIENTS

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**3.1 Substances / Mixtures**

| Ingredient                | CAS Number    | EC Number     | Content   |
|---------------------------|---------------|---------------|-----------|
| POTASSIUM HYDROXIDE       | 1310-58-3     | 215-181-3     | <2%       |
| WATER                     | 7732-18-5     | 231-791-2     | Remainder |
| NON HAZARDOUS INGREDIENTS | Not Available | Not Available | <10%      |
| NONIONIC SURFACTANT(S)    | -             | -             | <10%      |

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### 4. FIRST AID MEASURES

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**4.1 Description of first aid measures**

- Eye** If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.
- Inhalation** If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.
- Skin** If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.
- Ingestion** For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.
- First aid facilities** Eye wash facilities and safety shower are recommended.

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

Irritating to the eyes and skin.

**4.3 Immediate medical attention and special treatment needed**

Treat symptomatically.

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### 5. FIRE FIGHTING MEASURES

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**5.1 Extinguishing media**

Use an extinguishing agent suitable for the surrounding fire.

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

Non flammable. May evolve toxic gases if strongly heated.

**5.3 Advice for firefighters**

Treat as per requirements for surrounding fires. Evacuate area and contact emergency services. Remain upwind and notify those downwind of hazard. Wear full protective equipment including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers and nearby storage areas.

**5.4 Hazchem code**

None allocated.

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### 6. ACCIDENTAL RELEASE MEASURES

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

Wear Personal Protective Equipment (PPE) as detailed in section 8 of the SDS.

**6.2 Environmental precautions**

Prevent product from entering drains and waterways.

**6.3 Methods of cleaning up**

Contain spillage, then cover / absorb spill with non-combustible absorbent material (vermiculite, sand, or similar), collect and place in suitable containers for disposal.

**6.4 Reference to other sections**

See Sections 8 and 13 for exposure controls and disposal.

**7. HANDLING AND STORAGE**

**7.1 Precautions for safe handling**

Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

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

Store in a cool, dry, well ventilated area, removed from incompatible substances and foodstuffs. Ensure containers are adequately labelled, protected from physical damage and sealed when not in use. Check regularly for leaks or spills.

**7.3 Specific end use(s)**

No information provided.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**8.1 Control parameters**

**Exposure standards**

| Ingredient          | Reference | TWA |                   | STEL |                   |
|---------------------|-----------|-----|-------------------|------|-------------------|
|                     |           | ppm | mg/m <sup>3</sup> | ppm  | mg/m <sup>3</sup> |
| Potassium hydroxide | SWA (AUS) | --  | 2 (Peak)          | --   | --                |

**Biological limits**

No biological limit values have been entered for this product.

**8.2 Exposure controls**

**Engineering controls** Avoid inhalation. Use in well ventilated areas. Maintain vapour levels below the recommended exposure standard.

**PPE**

- Eye / Face** Wear splash-proof goggles.
- Hands** Wear PVC or rubber gloves.
- Body** When using large quantities or where heavy contamination is likely, wear coveralls.
- Respiratory** Not required under normal conditions of use.



**9. PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

|                         |                        |
|-------------------------|------------------------|
| <b>Appearance</b>       | CLEAR TO OPAQUE LIQUID |
| <b>Odour</b>            | SLIGHT ODOUR           |
| <b>Flammability</b>     | NON FLAMMABLE          |
| <b>Flash point</b>      | NOT RELEVANT           |
| <b>Boiling point</b>    | 100°C (Approximately)  |
| <b>Melting point</b>    | < 0°C                  |
| <b>Evaporation rate</b> | AS FOR WATER           |
| <b>pH</b>               | 12                     |
| <b>Vapour density</b>   | NOT AVAILABLE          |

**9.1 Information on basic physical and chemical properties**

|                           |                     |
|---------------------------|---------------------|
| Specific gravity          | 1.0 (Approximately) |
| Solubility (water)        | SOLUBLE             |
| Vapour pressure           | NOT AVAILABLE       |
| Upper explosion limit     | NOT RELEVANT        |
| Lower explosion limit     | NOT RELEVANT        |
| Partition coefficient     | NOT AVAILABLE       |
| Autoignition temperature  | NOT AVAILABLE       |
| Decomposition temperature | NOT AVAILABLE       |
| Viscosity                 | NOT AVAILABLE       |
| Explosive properties      | NOT AVAILABLE       |
| Oxidising properties      | NOT AVAILABLE       |
| Odour threshold           | NOT AVAILABLE       |

**9.2 Other information**

|             |                |
|-------------|----------------|
| % Volatiles | > 90 % (Water) |
|-------------|----------------|

**10. STABILITY AND REACTIVITY**

**10.1 Reactivity**

Carefully review all information provided in sections 10.2 to 10.6.

**10.2 Chemical stability**

Stable under recommended conditions of storage.

**10.3 Possibility of hazardous reactions**

Polymerization is not expected to occur.

**10.4 Conditions to avoid**

Avoid heat, sparks, open flames and other ignition sources.

**10.5 Incompatible materials**

Incompatible with oxidising agents (e.g. hypochlorites) and acids (e.g. nitric acid).

**10.6 Hazardous decomposition products**

May evolve toxic gases if heated to decomposition.

**11. TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

**Acute toxicity** Information available for the product:  
Based on available data, the classification criteria are not met.  
Information available for the ingredient(s):

| Ingredient          | Oral Toxicity (LD50) | Dermal Toxicity (LD50) | Inhalation Toxicity (LC50) |
|---------------------|----------------------|------------------------|----------------------------|
| POTASSIUM HYDROXIDE | 333 mg/kg (rat)      | --                     | --                         |

|                                 |   |
|---------------------------------|---|
| <b>Skin</b>                     | Causes skin irritation. Contact may result in irritation, redness, rash and dermatitis.                                       |
| <b>Eye</b>                      | Causes serious eye irritation. Contact may result in irritation, lacrimation, pain and redness.                               |
| <b>Sensitisation</b>            | Not classified as causing skin or respiratory sensitisation.  |
| <b>Mutagenicity</b>             | Not classified as a mutagen.  |
| <b>Carcinogenicity</b>          | Not classified as a carcinogen.   |
| <b>Reproductive</b>             | Not classified as a reproductive toxin.   |
| <b>STOT – single exposure</b>   | Over exposure may result in irritation of the nose and throat, coughing, dizziness and headache.                              |
| <b>STOT – repeated exposure</b> | Not classified as causing organ damage from repeated exposure. Adverse effects are generally associated with single exposure. |
| <b>Aspiration</b>               | Not classified as causing aspiration.   |

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity

No information provided.

### 12.2 Persistence and degradability

This product is biodegradable.

### 12.3 Bioaccumulative potential

No information provided.

### 12.4 Mobility in soil

No information provided.

### 12.5 Other adverse effects

No information provided.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods

**Waste disposal** For small amounts, absorb with sand, vermiculite or similar and dispose of to an approved landfill site. Contact the manufacturer/supplier for additional information if disposing of large quantities (if required). Prevent contamination of drains and waterways as aquatic life may be threatened and environmental damage may result.

**Legislation** Dispose of in accordance with relevant local legislation.

## 14. TRANSPORT INFORMATION

NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA

|                             | LAND TRANSPORT<br>(ADG) | SEA TRANSPORT<br>(IMDG / IMO) | AIR TRANSPORT<br>(IATA / ICAO) |
|-----------------------------|-------------------------|-------------------------------|--------------------------------|
| 14.1 UN Number              | None Allocated          | None Allocated                | None Allocated                 |
| 14.2 Proper Shipping Name   | None Allocated          | None Allocated                | None Allocated                 |
| 14.3 Transport Hazard Class | None Allocated          | None Allocated                | None Allocated                 |
| 14.4 Packing Group          | None Allocated          | None Allocated                | None Allocated                 |

**14.5 Environmental hazards** No information provided

### 14.6 Special precautions for user

**Hazchem code** None Allocated

## 15. REGULATORY INFORMATION

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

**Poison schedule** Classified as a Schedule 5 (S5) Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

**Classifications** Safework Australia criteria is based on the Globally Harmonised System (GHS) of Classification and Labelling of Chemicals.

The classifications and phrases listed below are based on the Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(2004)].

**Hazard codes** Xi Irritant

**Risk phrases** R36/38 Irritating to eyes and skin.

**Safety phrases** S24/25 Avoid contact with skin and eyes.  
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

**Inventory listing(s)** **AUSTRALIA: AICS (Australian Inventory of Chemical Substances)**  
All components are listed on AICS, or are exempt.

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## 16. OTHER INFORMATION

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**Additional information****PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:**

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

**HEALTH EFFECTS FROM EXPOSURE:**

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

**Abbreviations**

|                   |   |
|-------------------|---|
| ACGIH             | American Conference of Governmental Industrial Hygienists                                       |
| CAS #             | Chemical Abstract Service number - used to uniquely identify chemical compounds                 |
| CNS               | Central Nervous System  |
| EC No.            | EC No - European Community Number   |
| EMS               | Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods)                   |
| GHS               | Globally Harmonized System  |
| GTEPG             | Group Text Emergency Procedure Guide  |
| IARC              | International Agency for Research on Cancer   |
| LC50              | Lethal Concentration, 50% / Median Lethal Concentration   |
| LD50              | Lethal Dose, 50% / Median Lethal Dose   |
| mg/m <sup>3</sup> | Milligrams per Cubic Metre  |
| OEL               | Occupational Exposure Limit   |
| pH                | relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline). |
| ppm               | Parts Per Million   |
| STEL              | Short-Term Exposure Limit   |
| STOT-RE           | Specific target organ toxicity (repeated exposure)  |
| STOT-SE           | Specific target organ toxicity (single exposure)  |
| SUSMP             | Standard for the Uniform Scheduling of Medicines and Poisons                                    |
| SWA               | Safe Work Australia   |
| TLV               | Threshold Limit Value   |
| TWA               | Time Weighted Average   |

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this SDS in the context of how the product will be handled in the workplace and in conjunction with other materials. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

Contact Person/Point SoSafe Specialty Products - Manager (02) 93381800