



## SAFETY DATA SHEET

### P.S.P. PRE-SOAK CUTLERY POWDER

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

##### 1.1. Product identifier

<b>Product name</b>	P.S.P. PRE-SOAK CUTLERY POWDER
<b>Product number</b>	C028 EV
<b>Internal identification</b>	Professional Hygiene
<b>UFI</b>	UFI: FD14-0NQH-T009-WAS5

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

<b>Identified uses</b>	Powdered pre-soak cutlery Cleaner Suitable for use in the food Industry.
------------------------	--------------------------------------------------------------------------

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

<b>Supplier</b>	UK Supplier:	EU Supplier:
	Evans Vanodine International plc	Evans Vanodine Europe
	Brierley Road,	6-9 Trinity Street, Dublin 2.
	Walton Summit,	D02 EY47.
	Preston. UK. PR5 8AH	Republic of Ireland.
	Tel: 01772 322 200	
	e-mail: <a href="mailto:productcompliance@evansvanodine.co.uk">productcompliance@evansvanodine.co.uk</a>	

##### 1.4. Emergency telephone number

<b>Emergency telephone</b>	New Safety Data Sheets - 01772 322 200 - Mon to Thur. 8.30am to 4.30pm - Fri 8.30am to 1.30pm (Also available 24/7 from our website <a href="http://www.evansvanodine.co.uk">www.evansvanodine.co.uk</a> ) For Technical Advice about this SDS - 01772 318 818 - Mon to Thur 8.30am to 4.45pm - Fri 8.30am to 1.30pm
----------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

<b>National emergency telephone number</b>	For Health Care Professionals only - For use in UK: Contact the National Poisons Information Service for further advice. For use in the Republic of Ireland: To report a poisoning incident contact The National Poisons Information Centre, Beaumont Hospital, Dublin (01-8092166). For use in Malta: Emergency services (Ambulance, Fire and Rescue, Police) : 112
--------------------------------------------	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

#### SECTION 2: Hazards identification

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

###### Classification (SI 2019 No. 720)

<b>Physical hazards</b>	Not Classified
<b>Health hazards</b>	Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335
<b>Environmental hazards</b>	Not Classified

##### 2.2. Label elements

###### Hazard pictograms



## P.S.P. PRE-SOAK CUTLERY POWDER

<b>Signal word</b>	Warning
<b>Hazard statements</b>	H315 Causes skin irritation. H319 Causes serious eye irritation. H335 May cause respiratory irritation.
<b>Precautionary statements</b>	P102 Keep out of reach of children. P261 Avoid breathing dust. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P301 IF SWALLOWED: P313 Get medical advice/ attention. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P302+P352 IF ON SKIN: Wash with plenty of water. P332+P313 If skin irritation occurs: Get medical advice/ attention. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/ attention. P403+P233 Store in a well-ventilated place. Keep container tightly closed. P501 Dispose of contents/ container in accordance with local regulations.
<b>Contains</b>	SODIUM CARBONATE, TRISODIUM (ORTHO) PHOSPHATE

### 2.3. Other hazards

This product does not contain any substances classified as PBT or vPvB. Including - Endocrine disrupting properties: None known.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>SODIUM CARBONATE</b>	<b>30-60%</b>
CAS number: 497-19-8	EC number: 207-838-8
<b>Classification</b> Eye Irrit. 2 - H319	
<b>TRISODIUM (ORTHO) PHOSPHATE</b>	<b>30-60%</b>
CAS number: 10101-89-0	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335	
<b>PENTASODIUM TRIPHOSPHATE</b>	<b>3-5%</b>
CAS number: 7758-29-4	
EC number: 231-838-7	
<b>Classification</b> Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335	

## P.S.P. PRE-SOAK CUTLERY POWDER

<b>C10-C12 alcohol with 5 moles of ethylene oxide</b> <span style="float: right;"><b>1-3%</b></span> CAS number: —
<b>Classification</b> Acute Tox. 4 - H302 Eye Dam. 1 - H318
<b>SODIUM SILICATE</b> <span style="float: right;"><b>0.1-1%</b></span> CAS number: —
<b>Classification</b> Skin Irrit. 2 - H315 Eye Dam. 1 - H318

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Do not induce vomiting. Give plenty of water to drink. Get medical attention.
<b>Skin contact</b>	Wash with plenty of water. Get medical attention if irritation persists after washing.
<b>Eye contact</b>	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

<b>General information</b>	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
<b>Inhalation</b>	Irritation of nose, throat and airway.
<b>Ingestion</b>	May cause discomfort if swallowed.
<b>Skin contact</b>	Skin irritation. Prolonged skin contact may cause redness and irritation.
<b>Eye contact</b>	May cause temporary eye irritation. Prolonged contact may cause redness and/or tearing.

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

<b>Notes for the doctor</b>	Treat symptomatically.
-----------------------------	------------------------

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media** The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

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

<b>Specific hazards</b>	Thermal decomposition or combustion products may include the following substances: Irritating gases or vapours.
-------------------------	--------------------------------------------------------------------------------------------------------------------

#### 5.3. Advice for firefighters

**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

## P.S.P. PRE-SOAK CUTLERY POWDER

### SECTION 6: Accidental release measures

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

**Personal precautions** Wear protective clothing, gloves, eye and face protection. Avoid inhalation of dust. For personal protection, see Section 8.

#### 6.2. Environmental precautions

**Environmental precautions** Spillages or uncontrolled discharges into watercourses must be reported immediately to the Environmental Agency or other appropriate regulatory body.

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

**Methods for cleaning up** Small Spillages: Flush away spillage with plenty of water. Large Spillages: Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into suitable waste disposal containers and seal securely.

#### 6.4. Reference to other sections

**Reference to other sections** For personal protection, see Section 8.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

**Usage precautions** Wear protective clothing, gloves, eye and face protection. Avoid inhalation of dust. Never add water directly to this product as it may cause a vigorous reaction or boiling. Always dilute by carefully pouring the product into water.

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

**Storage precautions** Store in tightly-closed, original container in a dry, cool and well-ventilated place. Store away from the following materials: Acids.

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

**Specific end use(s)** The identified uses for this product are detailed in Section 1.2.

**Usage description** See Product Information Sheet & Label for detailed use of this product.

### SECTION 8: Exposure controls/Personal protection

#### 8.1. Control parameters

##### Occupational exposure limits

##### SODIUM CARBONATE

Long-term exposure limit (8-hour TWA): WEL 5 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit.

#### 8.2. Exposure controls

##### Protective equipment



**Appropriate engineering controls** Not relevant.

**Eye/face protection** Wear eye protection.

**Hand protection** Wear protective gloves. (Household rubber gloves.)

**Other skin and body protection** Wear appropriate clothing to prevent any possibility of skin contact.

## P.S.P. PRE-SOAK CUTLERY POWDER

**Respiratory protection**            Respiratory protection not required.

### SECTION 9: Physical and chemical properties

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

<b>Appearance</b>	Powder.
<b>Colour</b>	Blue.
<b>Odour</b>	Faint
<b>pH</b>	pH (diluted solution): 11.0 - 12.5 @ 1%
<b>Melting point</b>	Not applicable.
<b>Initial boiling point and range</b>	Not applicable.
<b>Flash point</b>	Not applicable.
<b>Flammability (solid, gas)</b>	Not applicable.
<b>Upper/lower flammability or explosive limits</b>	Not applicable.
<b>Vapour pressure</b>	Not applicable.
<b>Vapour density</b>	Not applicable.
<b>Relative density</b>	Not applicable.
<b>Solubility(ies)</b>	Soluble in water.
<b>Partition coefficient</b>	Not applicable.
<b>Auto-ignition temperature</b>	Not applicable.
<b>Decomposition Temperature</b>	Not applicable.
<b>Viscosity</b>	Not applicable.

#### 9.2. Other information

<b>Other information</b>	None.
<b>Particle size</b>	Not available.

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

<b>Reactivity</b>	Reacts violently with strong acids. The product will harden into a solid mass in contact with water and moisture.
-------------------	-------------------------------------------------------------------------------------------------------------------

#### 10.2. Chemical stability

<b>Stability</b>	No particular stability concerns.
------------------	-----------------------------------

#### 10.3. Possibility of hazardous reactions

<b>Possibility of hazardous reactions</b>	See sections 10.1, 10.4 & 10.5
-------------------------------------------	--------------------------------

#### 10.4. Conditions to avoid

<b>Conditions to avoid</b>	The product will harden into a solid mass in contact with water and moisture.
----------------------------	-------------------------------------------------------------------------------

#### 10.5. Incompatible materials

<b>Materials to avoid</b>	Strong acids. Aluminium, Tin, Zinc and their alloys.
---------------------------	------------------------------------------------------

## P.S.P. PRE-SOAK CUTLERY POWDER

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** No known hazardous decomposition products.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

**Toxicological effects** We have not carried out any animal testing for this product. Any ATE figures quoted below are from Toxicity Classifications that have been carried out using ATE (Acute Toxicity Estimate) Calculation Method using LD50 or ATE figures provided by the Raw Material Manufacturer.

**Other health effects** Low oral toxicity, but ingestion may cause irritation of the gastro-intestinal tract.

#### Acute toxicity - oral

**Notes (oral LD<sub>50</sub>)** Based on available data the classification criteria are not met.

**ATE oral (mg/kg)** 25,000.0

#### Acute toxicity - dermal

**Summary** Not applicable.

#### Acute toxicity - inhalation

**Summary** Not applicable.

#### Skin corrosion/irritation

**Skin corrosion/irritation** Causes skin irritation.

#### Serious eye damage/irritation

**Serious eye damage/irritation** Causes serious eye irritation.

#### Respiratory sensitisation

**Summary** Not applicable.

#### Skin sensitisation

**Summary** Not applicable.

#### Germ cell mutagenicity

**Summary** Not applicable.

#### Carcinogenicity

**Summary** Not applicable.

#### Reproductive toxicity

**Summary** Not applicable.

#### Specific target organ toxicity - single exposure

**STOT - single exposure** May cause respiratory irritation.

**Target organs** Respiratory system, lungs

#### Specific target organ toxicity - repeated exposure

**Summary** Not applicable.

#### Aspiration hazard

**Summary** Not applicable.

## P.S.P. PRE-SOAK CUTLERY POWDER

**11.2 Information on other Hazards 11.2.1 Endocrine disrupting properties**      None known.

### SECTION 12: Ecological information

**Ecotoxicity**      Not regarded as dangerous for the environment.

#### 12.1. Toxicity

**Toxicity**      We have not carried out any Aquatic testing, therefore we have no Aquatic Toxicity Data specifically for this product. The Aquatic Toxicity Data, where provided by the raw material manufacturer for ingredients with aquatic toxicity, can be made available on request.

#### 12.2. Persistence and degradability

**Persistence and degradability**      This product, at use dilutions, is readily broken down in biological effluent treatment plants.

#### 12.3. Bioaccumulative potential

**Bioaccumulative potential**      The product does not contain any substances expected to be bioaccumulating.

**Partition coefficient**      Not applicable.

#### 12.4. Mobility in soil

**Mobility**      Not known.

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

**Results of PBT and vPvB assessment**      This product does not contain any substances classified as PBT or vPvB.

**12.6 Endocrine disrupting properties**      None known.

#### 12.6. Other adverse effects

**Other adverse effects**      Now section 12.7: None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal methods**      Discharge used solutions to drain. Small amounts (less than 5 Litres) of unwanted product may be flushed with water to sewer. Larger volumes must be sent for disposal by approved waste contractor. Rinse out empty container with water and consign to normal waste.

### SECTION 14: Transport information

**General**      Not classified for Transport.

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

#### 14.3. Transport hazard class(es)

Not regulated.

#### 14.4. Packing group

Not applicable.

## P.S.P. PRE-SOAK CUTLERY POWDER

### 14.5. Environmental hazards

**Environmentally hazardous substance/marine pollutant**

No.

### 14.6. Special precautions for user

Not applicable.

### 14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

**Transport in bulk according to** Not applicable.

**Annex II of MARPOL 73/78  
and the IBC Code**

## SECTION 15: Regulatory information

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

#### **EU legislation**

Safety Data Sheet prepared in accordance with EU Regulation: "REACH Commission Regulation (EU) No 2020/878 (which amends Regulation (EC) No 2015/830, 453/2010 & 1907/2006)." and UK Regulation: "SI 2020 No. 1577 - The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020".

The product is as classified under - EU GHS: CLP - "Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures." and UK GHS: "SI 2020 No. 1567 - The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020".

Ingredients are listed with classification under - EU GHS: CLP - "Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures." and UK GHS: "SI 2020 No. 1567 - The Chemicals (Health and Safety) and Genetically Modified Organisms (Contained Use) (Amendment etc.) (EU Exit) Regulations 2020".

### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out as not applicable as this product is a mixture.

## SECTION 16: Other information

#### **Abbreviations and acronyms used in the safety data sheet**

PBT: Persistent, Bioaccumulative and Toxic substance.  
vPvB: Very Persistent and Very Bioaccumulative.  
ATE: Acute Toxicity Estimate.  
REACH: The REACH etc. (Amendment etc.) (EU Exit) Regulations 2020 No. 1577.  
GHS: Globally Harmonized System.

#### **Classification abbreviations and acronyms**

Acute Tox. = Acute toxicity  
Eye Dam. = Serious eye damage  
Eye Irrit. = Eye irritation  
Skin Irrit. = Skin irritation  
STOT SE = Specific target organ toxicity-single exposure

#### **Key literature references and sources for data**

Material Safety Data Sheet, Miscellaneous manufacturers. CLP Class - Table 3.1 List of harmonised classification and labelling of hazardous substances. ECHA - C&L Inventory database.

#### **Classification procedures according to SI 2019 No. 720**

Calculation Method.

#### **Revision comments**

New Format Safety Data Sheet prepared in accordance with REACH Commission Regulation (EU) No 2020/878 (which amends Regulation (EC) No 453/2010 & 1907/2006). - No change in Product Classification. (Changes made to sections 2,3,9,11,12,15+16) & UFI No.

#### **Revision date**

23/11/2022



## P.S.P. PRE-SOAK CUTLERY POWDER

<b>Revision</b>	8
<b>SDS status</b>	The Hazard Statements listed below in this Section No 16 relate to the Raw Materials (Ingredients) in the Product (as listed in Section 3) and NOT the product itself. For the Hazard Statements relating to this Product see Section 2.
<b>Hazard statements in full</b>	H302 Harmful if swallowed. H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation.