

## Safety Data Sheet

### Spearhead Toilet and Washroom Power Descaler

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

##### 1.1 Product Identifier

**Product Name** Spearhead – Toilet & Washroom Power Descaler  
**Product Number** A174S  
**Internal Identification** For Code PLAT174

##### 1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

**Identified Uses** Acidic descaling toilet cleaner and hard surface cleaner for washrooms

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

**Supplier** Spearhead  
4 Symington Place  
Riverside Business Park  
Irvine  
KA11 5DE  
Tel: 0345 180 1800  
Fax: 0345 180 2800  
Email: [sales@spearheadheathcare.com](mailto:sales@spearheadheathcare.com)

##### 1.4 Emergency Telephone Number

**Emergency Telephone** Spearhead – 0345 180 1800 – Mon to Fri – 8.00am to 5.00pm

## Section 2: Hazards Identification

### 2.1 Classification of the Substance or Mixture

#### Classification (EC 1272/2008)

<b>Physical Hazards</b>	Not Classified
<b>Health Hazards</b>	Eye Irrit. 2 – H319
<b>Environmental Hazards</b>	Not Classified

### 2.2 Label Elements



#### Pictogram

#### Signal Word

Warning

#### Hazard Statements

H319 Causes Serious Eye Irritation

#### Precautionary Statements

P102 Keep out of reach of children

P280 Wear eye protection

P301 IF SWALLOWED:

P313 Get medical advice/attention

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several months.

Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

P501 Dispose of contents/container in accordance with local regulations.

#### Contains

Alcohol (C9-11) ETHOXYLATE (8EO)

### 2.3 Other Hazards

This product does not contain any substances classified as PBT or vPVB.

## Section 3: Composition/information on ingredients

### 3.2 Mixtures

**Sulphamic Acid** **5-10%**

CAS number: 5329-14-6      EC number: 226-218-8

**Classification**

Skin Irrit. 2 – H315

Eye Irrit. 2 – H319

Aquatic Chronic 3 – H412

**Alcohol (C9-11) ETHOXYLATE (8EO)** **1-3%**

CAS number: 68439-45-2

Alternative CAS No 68439-46-3

**Classification**

Acute Tox. 4 – H302

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

**Inhalation**      Unlikely route of exposure as the product does not contain volatile substances. If spray/mist has been inhaled, proceed as follows. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.

**Ingestion**      Do not induce vomiting. Give plenty of water to drink. Get medical attention if any discomfort continues.

**Skin Contact**      Wash with plenty of water.

**Eye Contact**      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 very dependent on the concentration and the length of exposure.
<b>Inhalation</b>	No specific symptoms known.
<b>Ingestion</b>	No specific symptoms known. But – May cause discomfort if swallowed.
<b>Skin Contact</b>	No specific symptoms known. But prolonged or excessively repeated skin contact could lead to removal of natural oils for skin.
<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

**Notes for the Doctor** Treat symptomatically.

## Section 5: Firefighting Measures

### 5.1 Extinguishing Media

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

### 5.2 Special Hazards Arising from the Substance or Mixture

**Specific Hazards** 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.

## Section 6: Accidental Release Measures

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

**Personal Precautions**      Wear eye and face protection. 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 Clean Up

**Methods for Cleaning Up**      Small spillages: flush away spillage with plenty of water. Large spillages: contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in 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**      Avoid contact with eyes.

### 7.2 Conditions for Safe Storage, Including any Incompatibilities

**Storage Precautions**      Keep only in the original container in a cool, well-ventilated place. Store away from the following materials: oxidising materials. (eg Hypochlorite/Bleach)

### 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

### 8.2 Exposure Controls



#### Protective Equipment

#### Appropriate Engineering Controls

#### Eye/Face Protection

#### Hand Protection

#### Other Skin and Body Protection

#### Respiratory Protection

Not relevant

Wear eye protection

No specific hand protection noted, but protection for the skin is advisable to prevent removal of natural oils from skin.

None required.

Respiratory protection not required.

## Section 9: Physical and Chemical Properties

### 9.1 Information on Basic Physical and Chemical Properties

#### Appearance

#### Colour

#### Odour

#### pH

#### Melting Point

#### Initial Boiling Point and Range

#### Flash Point

#### Relative Density

#### Solubility(ies)

Viscous liquid.

Turquoise

Aqua

pH (concentrated solution): 1.30

-1°C

101°C @ 760mm Hg

Boils without flashing.

1.040 @ 20°C

Soluble in water.

### 9.2 Other Information

Other Information None.

## Section 10: Stability and Reactivity

### 10.1 Reactivity

Reactivity Reacts with alkalis and generates heat.

## 10.2 Chemical Stability

**Stability** No particular stability concerns.

## 10.3 Possibility of Hazardous Reactions

**Possibility of Hazardous Reactions** See sections 10.1, 10.4 & 10.5

## 10.4 Conditions to Avoid

**Conditions to Avoid** There are no known conditions that are likely to result in a hazardous situation.

## 10.5 Incompatible Materials

**Materials to Avoid** Strong alkalis. Chlorine releasing materials will liberate toxic chlorine gas.

## 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 Methods 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)** 66,667.33

## Section 12: Ecological Information

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

## 12.1 Toxicity

**Toxicity** We have not carried out 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** The surfactant(s) contained in this product complies (comply) with the biodegradability criteria as laid down in Regulation (EC) No. 648/2004 on detergents.

## 12.3 Bioaccumulative Potential

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

## 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 PBT or vPvB.

## 12.6 Other Adverse Effects

**Other Adverse Effects** Not 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

### 14.1 UN Number

UN No. (ADR/RID)	3264
UN No. (IMDG)	3264
UN No. (ICAO)	3264

### 14.2 UN Proper Shipping Name

Proper Shipping Name (ADR/RID)	Corrosive liquid, acidic, inorganic, N.O.S. (sulphamic acid)
Proper Shipping Name (IMDG)	Corrosive liquid, acidic, inorganic, N.O.S. (sulphamic acid)
Proper Shipping Name (ICAO)	Corrosive liquid, acidic, inorganic, N.O.S. (sulphamic acid)

### 14.3 Transport Hazard Class(es)

ADR/RID Class	Class 8: corrosive substances
ADR/RID Label	8
IMDG Class	Class 8: corrosive substances
ICAO class/division	Class 8: corrosive substances



### Transport Labels

### 14.4 Packing Group

ADR/RID Packing Group	III
IMDG Packing Group	III
ICAO Packing Group	III

### 14.5 Environmental Hazard

Environmentally Hazardous Substance/Marine Pollutant No

### 14.6 Special Precautions for User

EmS	F-A, S-B
Tunnel Restriction Code	(E)

## 14.7 Transport in Bulk According to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code      Not relevant for a packaged product

## 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 REACH Commission Regulation (EU) NO 2015/830 (which amends Regulation (EC) No 453/2010 & 1807/2006).  
The product is as classified under GHS/CLP – Regulation (EC) No 1272/2008 classification, labelling & packaging of substances & mixtures.  
Ingredients are listed with classification under GHS/CLP – Regulation (EC) No 1272/2009 classification, labelling & packaging of substances & mixtures.

### 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 Toxic Estimate
ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
IMDG:	International Maritime Dangerous Goods
ICAO-TI:	Technical Instructions for the Safe Transport of Dangerous Goods by Air.
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
GHS:	Globally Harmonized System.

### Classification Abbreviations and Acronyms

Acute Tox:	Acute Toxicity
Aquatic Chronic:	Hazardous to the Aquatic Environment (chronic)
Eye Dam:	Serious Eye Damage
Eye Irrit:	Eye Irritation
Skin Irrit:	Skin Irritation

## 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 Regulation (EC) 1272/2008

Calculation Method.

## Revision Comments

New Product

## Revision Date

16/04/2019

## Revision

1

## SDS Status

The Hazard Statements listed below in this Sections 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.

**Hazard Statements in Full**

- H302 Harmful if swallowed.
- H315 Causes skin irritation.
- H318 Causes serious eye damage.
- H319 Causes serious eye irritation.
- H412 Harmful to aquatic life with long last effects.