

# SAFETY DATA SHEET



## JET

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

#### 1.1. Product identifier

Product name JET

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

Identified uses Acidic descaling toilet cleaner

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

Supplier **PROTON (SOUTHERN) LTD**  
PROTON HOUSE  
WEST QUAY ROAD  
SOUTHAMPTON  
SO15 1GZ  
UNITED KINGDOM  
  
Tel. 02380 632 766  
Fax. 02380 315 999

#### 1.4. Emergency telephone number

National emergency telephone number Mon to Fri 8.30am to 5.00pm - 02380 632 766

### SECTION 2: Hazards identification

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

##### Classification

##### Physical hazards

Not Classified

##### Health hazards

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319

##### Environmental hazards

Not Classified

Classification (67/548/EEC or 1999/45/EC)

#### 2.2. Label elements

##### Pictogram



Signal word Warning

##### Hazard statements

H315 Causes skin irritation.  
H319 Causes serious eye irritation.

##### Precautionary statements

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P102 Keep out of reach of children.  
P264 Wash hands thoroughly after handling.  
P280 Wear protective gloves, eye and face protection.  
P302+P352 IF ON SKIN: Wash with plenty of 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.  
P337+P313 If eye irritation persists: Get medical advice/attention.  
P362+P364 Take off contaminated clothing and wash it before reuse.

### 2.3. Other hazards

No other hazards known. This product does not contain any substances classified as PBT or vPvB.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>SULPHAMIC ACID</b>	<b>10-30%</b>
CAS number: 5329-14-6 EC number: 226-218-8 REACH registration number: True	
<b>Classification</b>	<b>Classification (67/548/EEC or 1999/45/EC)</b>
Eye Irrit. 2 - H319	Xi;R36/38 R52/53
Skin Irrit. 2 - H315	
Aquatic Chronic 3 - H412	

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

Move affected person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

#### Ingestion

Remove affected person from source of contamination. Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention.

#### Skin contact

Remove affected person from source of contamination. Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

#### Eye contact

Remove any contact lenses and open eyelids wide apart. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. 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

#### General information

The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

#### Inhalation

Irritation of nose, throat and airway.

#### Ingestion

May cause chemical burns in mouth and throat. May cause stomach pain or vomiting.

#### Skin contact

Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.

#### Eye contact

Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.

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

#### Notes for the doctor

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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

##### **Hazardous combustion products**

When heated, vapours/gases hazardous to health may be formed.

#### 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**

For personal protection, see Section 8.

#### 6.2. Environmental precautions

##### **Environmental precautions**

Any spillage needs to be contained and not allowed to enter water courses. 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**

Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Absorb in vermiculite, dry sand or earth and place into containers. Avoid the spillage or runoff entering drains, sewers or watercourses. Flush contaminated area with plenty of water.

#### 6.4. Reference to other sections

##### **Reference to other sections**

For personal protection, see Section 8. For waste disposal, see Section 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### **Usage precautions**

Avoid spilling. Avoid contact with skin and eyes.

#### 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. Keep only in the original container.

#### 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 label for detailed usage and instructions.

### SECTION 8: Exposure Controls/personal protection

#### 8.1. Control parameters

##### **Occupational exposure limits**

##### **Ingredient comments**

WEL = Workplace Exposure Limits

## **8.2. Exposure controls**

### **Protective equipment**



### **Appropriate engineering controls**

Provide adequate general and local exhaust ventilation.

### **Eye/face protection**

The following protection should be worn: Tight-fitting safety glasses.

### **Hand protection**

Nitrile gloves are recommended.

### **Other skin and body protection**

General workwear only

## **SECTION 9: Physical and Chemical Properties**

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

#### **Appearance**

Clear liquid.

#### **Colour**

Blue.

#### **Odour**

Fresh bouquet fragrance

#### **pH**

pH (concentrated solution): 1.0

#### **Initial boiling point and range**

>100°C @

#### **Relative density**

1.064 - 1.073 @ 20°C

### **9.2. Other information**

#### **Other information**

None.

## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

May react with other cleaning chemicals. For specific reactions refer to Section 10.5

### **10.2. Chemical stability**

#### **Stability**

Stable at normal ambient temperatures.

### **10.3. Possibility of hazardous reactions**

Not known.

### **10.4. Conditions to avoid**

Avoid contact with other chemicals.

### **10.5. Incompatible materials**

#### **Materials to avoid**

Do not mix or use with other products.

### **10.6. Hazardous decomposition products**

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Thermal decomposition or combustion products may include the following substances: Toxic gases/vapours/fumes of: Carbon dioxide (CO<sub>2</sub>). Carbon monoxide (CO).

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### **Toxicological effects**

No toxicological data is available for this mixture, however data can be provided for specific raw materials upon request.

##### **Ingestion**

May cause burns in mucous membranes, throat, oesophagus and stomach. May cause stomach pain or vomiting.

##### **Skin contact**

Irritating to skin. Prolonged or repeated exposure may cause severe irritation.

##### **Eye contact**

May cause severe eye irritation.

### SECTION 12: Ecological Information

##### **Ecotoxicity**

Not regarded as dangerous for the environment.

#### 12.1. Toxicity

Aquatic toxicity has not been carried out on this product. Data for raw materials contained in this product, when available, can be provided when necessary.

#### 12.2. Persistence and degradability

##### **Persistence and degradability**

The surfactants contained within the product comply with the biodegradability criteria as laid down in Regulation (EC) No 648/2004.

#### 12.3. Bioaccumulative potential

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

#### 12.4. Mobility in soil

##### **Mobility**

The product contains substances, which are water soluble and may spread in water systems.

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

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

#### 12.6. Other adverse effects

None known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### **Disposal methods**

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

### SECTION 14: Transport information

##### **General**

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

#### 14.1. UN number

Not applicable.

#### 14.2. UN proper shipping name

Not applicable.

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### 14.3. Transport hazard class(es)

Not applicable.

### 14.4. Packing group

Not applicable.

### 14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

### 14.6. Special precautions for user

No information required.

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

## SECTION 15: Regulatory information

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

#### National regulations

The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007).

#### EU legislation

System of specific information relating to Dangerous Preparations. 2001/58/EC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

#### Guidance

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. Approved Classification and Labelling Guide (Sixth edition) L131.

### 15.2. Chemical safety assessment

No chemical assessment has been carried out as this Safety Data Sheet is for a mixture.

## SECTION 16: Other information

### General information

The following risk phrases relate to the raw materials in the product and not the product itself:-

### Revision comments

Safety Data Sheet revised to be in accordance with EU Regulation No 453/2010 - REACH Regulations.

Revision date 28/05/2015

Revision 13

### Hazard statements in full

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

