



## SAFETY DATA SHEET Spicers 5\* Toilet Cleaner

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

#### 1.1. Product identifier

Product name Spicer's 5\* Toilet Cleaner

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

Identified uses Toilet Cleaner/Descaler

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

Supplier Spicer's Limited  
Cambridge Research Park  
Building 1000, Waterbeach  
Cambridge  
CB25 9PD  
Tel. 01242 537193  
customercare@spicers.co.uk

#### 1.4. Emergency telephone number

+44 (0)1242 537177 GMT 9am-5pm Monday-Friday

### SECTION 2: HAZARDS IDENTIFICATION

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

Classification (1999/45/EEC) Not classified.

Human health

See section 11 for additional information on health hazards.

#### 2.2. Label elements

Risk Phrases

NC Not classified.

Safety Phrases

S1/2 Keep locked up and out of the reach of children.  
P13 Safety data sheet available for professional user on request.  
P14 Contains Perfume. May produce an allergic reaction.

#### 2.3. Other hazards

This product does not contain any PBT or vPvB substances.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.2. Mixtures

2-BUTOXYETHANOL	< 1
CAS-No.: 111-76-2	EC No.: 203-905-0
Classification (EC 1272/2008) Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xn;R20/21/22 Xi;R36/38

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Perfume	< 1
CAS-No.:	EC No.:
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) N;R51/53. R43.
SULPHAMIC ACID	5-10%
CAS-No.: 5329-14-6	EC No.: 226-218-8
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Aquatic Chronic 3 - H412	Classification (67/548/EEC) Xi;R36/38 R52/53
Tallow dimethyl bis (1, 2 ethanediol) betaine	1-5%
CAS-No.: 70750-46-8	EC No.:
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xi;R36/38.

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

Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

##### Ingestion

Immediately rinse mouth and drink plenty of water (200-300 ml). DO NOT induce vomiting. Get medical attention immediately.

##### Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

##### Eye contact

Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention immediately. Continue to rinse.

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

##### Inhalation

Irritation of nose, throat and airway.

##### Ingestion

Nausea, vomiting.

##### Skin contact

No specific symptoms noted.

##### Eye contact

May cause temporary eye irritation.

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

Treat Symptomatically.

### SECTION 5: FIREFIGHTING MEASURES

#### **5.1. Extinguishing media**

##### Extinguishing media

Extinguish with foam, carbon dioxide, dry powder or water fog.

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

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

## 5.3. Advice for firefighters

Special Fire Fighting Procedures

Use supplied air respirator if product is involved in a fire.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

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

Wear protective clothing as described in Section 8 of this safety data sheet.

### 6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

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

Absorb in vermiculite, dry sand or earth and place into containers.

### 6.4. Reference to other sections

For personal protection, see section 8.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Read and follow manufacturer's recommendations.

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

Store in tightly closed original container in a dry, cool and well-ventilated place.

Storage Class

Chemical storage.

### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
2-BUTOXYETHANOL	WEL	25 ppm(Sk)		50 ppm(Sk)		

WEL = Workplace Exposure Limit.

Ingredient Comments

WEL = Workplace Exposure Limits

### 8.2. Exposure controls

Protective equipment



Respiratory equipment

No specific recommendations.

Hand protection

PVC or rubber gloves are recommended.

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Eye protection

Goggles/face shield are recommended.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Viscous liquid.
Colour	Green.
Odour	Perfume.
Solubility	Completely soluble in water
Initial boiling point and boiling range (°C)	
Not determined.	
Melting point (°C)	
Not determined.	
Relative density	
Not determined.	
Bulk Density	1.040 kg/l
Vapour density (air=1)	
Not determined.	
Vapour pressure	
Not determined.	
Evaporation rate	
Not determined.	
pH-Value, Conc. Solution	1.5
Viscosity	300 cP 20
Solubility Value (G/100G H <sub>2</sub> O@20°C)	
Not determined.	
Decomposition temperature (°C)	
Not determined.	
Odour Threshold, Lower	
Not determined.	
Odour Threshold, Upper	
Not determined.	
Flash point (°C)	
Not determined.	
Auto Ignition Temperature (°C)	
Not determined.	
Flammability Limit - Lower(%)	
Not determined.	
Flammability Limit - Upper(%)	
Not determined.	
Partition Coefficient (N-Octanol/Water)	
Not determined.	
Explosive properties	
Not determined.	
Other Flammability	
Not determined.	
Oxidising properties	
Not determined.	

### 9.2. Other information

Not determined.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

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

Hazardous Polymerisation  
Unknown.

## **10.4. Conditions to avoid**

Reacts violently with strong oxidising substances. Generates toxic gas in contact with alkalis. Oxidising materials.

## **10.5. Incompatible materials**

Materials To Avoid  
Strong oxidising substances. Strong alkalis.

## **10.6. Hazardous decomposition products**

Not known.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

### **11.1. Information on toxicological effects**

Toxicological information  
No data recorded.

#### Acute toxicity:

Acute Toxicity (Oral LD50)  
Not determined.  
Acute Toxicity (Dermal LD50)  
Not determined.  
Acute Toxicity (Inhalation LC50)  
Not determined.

#### Skin Corrosion/Irritation:

Extreme pH.  
≤ 2  
Skin Corrosivity Report Undertaken - 41102734  
Non Corrosive to skin.

#### Respiratory or skin sensitisation:

Respiratory sensitisation  
Not determined.  
Skin sensitisation  
Not determined.

#### Germ cell mutagenicity:

Genotoxicity - In Vitro  
Not determined.  
Genotoxicity - In Vivo  
Not determined.

#### Carcinogenicity:

Carcinogenicity  
Not determined.

#### Reproductive Toxicity:

Reproductive Toxicity - Fertility  
Not determined.  
Reproductive Toxicity - Development  
Not determined.

#### Specific target organ toxicity - repeated exposure:

STOT - Repeated exposure  
Not determined.

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## Inhalation

No specific health warnings noted.

## Ingestion

May cause stomach pain or vomiting.

## Skin contact

May cause defatting of the skin, but is not an irritant.

## Eye contact

May cause severe irritation to eyes.

## Health Warnings

No specific health warnings noted.

## Target Organs

No specific target organs noted

## SECTION 12: ECOLOGICAL INFORMATION

### Ecotoxicity

Not regarded as dangerous for the environment.

### **12.1. Toxicity**

#### Acute Fish Toxicity

Not considered toxic to fish.

### **12.2. Persistence and degradability**

#### Degradability

The product is biodegradable.

### **12.3. Bioaccumulative potential**

#### Bioaccumulative potential

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

#### Partition coefficient

Not determined.

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

#### Mobility:

The product is soluble in water.

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

This product does not contain any PBT or vPvB substances.

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

Not determined.

## SECTION 13: DISPOSAL CONSIDERATIONS

### General information

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

### **13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements.

## SECTION 14: TRANSPORT INFORMATION

### General

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

### **14.1. UN number**

No information required.

### **14.2. UN proper shipping name**

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No information required.

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

No information required.

## **14.4. Packing group**

No information available.

## **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**

No information required.

## **SECTION 15: REGULATORY INFORMATION**

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

Uk Regulatory References

Chemicals (Hazard Information & Packaging) Regulations. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

EU Legislation

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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

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

No chemical safety assessment has been carried out.

## **SECTION 16: OTHER INFORMATION**

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Revision 2

SDS No. 6

Date 10/4/2013

Risk Phrases In Full

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R36/38 Irritating to eyes and skin.

R43 May cause sensitisation by skin contact.

NC Not classified.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full

H319 Causes serious eye irritation.

H315 Causes skin irritation.

H332 Harmful if inhaled.

H302 Harmful if swallowed.

H312 Harmful in contact with skin.

H412 Harmful to aquatic life with long lasting effects.