



## SAFETY DATA SHEET

### Spicers 5\* Washroom Cleaner

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

##### **1.1. Product identifier**

Product name                              Spicers 5\* Washroom Cleaner

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

Identified uses                              Washroom Cleaner

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

Supplier                                      Spicers 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**

di-n-decyl dimethylammonium chloride	1-5%
CAS-No.: 7173-51-5	EC No.: 230-525-2
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xn;R22. C;R34.

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ETHANOL		< 1
CAS-No.: 64-17-5	EC No.: 200-578-6	
Classification (EC 1272/2008) Flam. Liq. 2 - H225	Classification (67/548/EEC) F;R11	
NONIONIC SURFACTANT C9-C11 alcohol + 8 EO		1-5%
CAS-No.: 68439-46-3	EC No.:	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xn;R22. Xi;R41.	
Perfume		< 1
CAS-No.:	EC No.:	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xi;R38. N;R51/53. R43.	

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.

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

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

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

Inhalation

Irritation of nose, throat and airway.

Ingestion

Nausea, vomiting.

Skin contact

Prolonged or repeated contact with skin may cause redness, itching, irritation and eczema/chapping.

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

Do not discharge into drains, water courses or onto the ground.

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

Absorb with inert, damp, non-combustible material, then flush area with water.

### 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 and cool 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
ETHANOL	WEL	1000 ppm	1920 mg/m3			

WEL = Workplace Exposure Limit.

Ingredient Comments

WEL = Workplace Exposure Limits

### 8.2. Exposure controls

Protective equipment



Hand protection

Rubber gloves are recommended.

Eye protection

Wear approved chemical safety goggles where eye exposure is reasonably probable.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

Appearance	Clear liquid.
Colour	Yellow.
Odour	Lemon.
Solubility	Soluble in water.
Initial boiling point and boiling range (°C)	
Not determined.	
Melting point (°C)	
Not determined.	
Relative density	1.003 20
Vapour density (air=1)	
Not determined.	
Vapour pressure	
Not determined.	
Evaporation rate	
Not determined.	
pH-Value, Conc. Solution	3.5
Viscosity	
Not determined.	
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 - 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**

No specific reactivity hazards associated with this product.

**10.2. Chemical stability**

Stable under normal temperature conditions and recommended use.

**10.3. Possibility of hazardous reactions**

Hazardous Polymerisation  
Unknown.

**10.4. Conditions to avoid**

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Avoid excessive heat for prolonged periods of time.

## **10.5. Incompatible materials**

Materials To Avoid

No incompatible groups noted.

## **10.6. Hazardous decomposition products**

Not known.

## **SECTION 11: TOXICOLOGICAL INFORMATION**

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

#### 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.

Moderate pH ( > 2 and < 11.5).

#### 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 known.

#### General information

This product has low toxicity. Only large volumes may have adverse impact on human health.

#### Inhalation

May cause irritation to the respiratory system.

#### Ingestion

Irritating. May cause nausea, stomach pain and vomiting.

#### Skin contact

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

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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).

Road Transport Notes

Not Classified

Rail Transport Notes

Not classified.

Sea Transport Notes

Not classified.

Air Transport Notes

Not classified.

### **14.1. UN number**

Not determined.

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

Not determined.

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

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Not determined.

## **14.4. Packing group**

Not determined.

## **14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant

No.

## **14.6. Special precautions for user**

Not determined.

## **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

Detergents Regulation (EC) No 648/2004

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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Risk Phrases In Full

R34 Causes burns.

R3 Extreme risk of explosion by shock, friction, fire or other sources of ignition.

R22 Harmful if swallowed.

R11 Highly flammable

R43 May cause sensitisation by skin contact.

NC Not classified.

R41 Risk of serious damage to eyes.

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

Hazard Statements In Full

H225 Highly flammable liquid and vapour.