



**Product** Silver Sparkle - Medium Strength  
Supersedes: Version 2 dated 19.10.11      Version: 3

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Date Prepared: 18.03.2013

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

- 1.1. Product identifier** Silver Sparkle - Medium Strength
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Uses: Silver jewellery cleaner.  
Not to be used for: None specified.
- 1.3. Details of the supplier of the safety data sheet**
- |                           |                                   |
|---------------------------|-----------------------------------|
| Company Identification    | Town Talk Polish Co. Ltd          |
| Address and Telephone No. | Slater Lane<br>Bolton<br>BL1 2TQ. |
| Telephone No.             | +44 1204 520014                   |
| Fax No.                   | +44 1204 362778                   |
| Telephone No.             | +44 (0) 1204 520014               |
| Fax No.                   | +44 (0) 1204 362778               |
| Contact:                  | Products@towntalkpolish.com       |
- 1.4. Emergency telephone number** +44 (0) 1204 529981  
9.00am - 5.00pm Monday- Friday UK time

**SECTION 2. HAZARDS IDENTIFICATION****2.1. Classification of the substance or mixture**

CLP Classification	DPD Classification for information only
Eye Irritant Cat 2 - H319 Carcinogen Cat 2 - H351	Irritant Xi - R36 Harmful Xn - R40
For full wording of Hazard statements see Section 16	For full wording of Risk phrases see Section 16

**2.2. Label elements****WARNING**

H319 - Causes serious eye irritation  
H351 - Suspected of causing cancer

P102 - Keep out of reach of children.

P280 - Wear protective gloves, protective clothing and eye protection.

P305+351+338 - 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 attention.

**Supplemental Information**

Contains Hydrochloric acid and Thiourea.



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### 2.3. Other hazards

Does not fulfil the criteria for classification as PBT or vPvB.

## SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2. Mixtures

I Contains: Under EU CLP EC1272/2008

Ingredient	CAS Number / EC Number	REACH Registration Number	%	CLP Hazard Category	H-Statements
Propan-2-ol *	67-63-0 / 200-661-7	Not yet available	5 - 10	Flammable Liquid Cat 2 Eye Irritant Cat 2 STOT SE Cat 3	H225 H319 H336
36% Hydrochloric acid *	7647-01-0 / 231-595-7	Not yet available	1 - 5	Skin corrosive Cat 1B STOT SE Cat 3	H314 H335
Alcohol Ethoxylate with 6-8 moles EO	698439-46-3 / None (polymer)	Not yet available	1 - 5	Acute Tox Cat 4 Eye Damage Cat 1	H302 H318
Thiourea	62-56-6 / 200-543-3	Not yet available	1 - 3	Acute Tox Cat 4 Carcinogen Cat 2 Reprotoxic Cat 2 Aquatic Chronic Cat 2	H302 H351 H361 H411

\* Subject to UK exposure limit - See Section 8.

For full wording of Risk phrases see Section 16.

Contains: Under EU Dangerous Preparations Directive EC1999/45

Ingredient	CAS Number / EC Number	REACH Registration Number	%	Symbol	Risk Phrases
Propan-2-ol *	67-63-0 / 200-661-7	Not yet available	5 - 10	F, Xi	11-36-67
36% Hydrochloric acid *	7647-01-0 / 231-595-7	Not yet available	1 - 5	C, N	34-37
Alcohol Ethoxylate with 6-8 moles EO	698439-46-3 / None (polymer)	Not yet available	1 - 5	Xn	22-41
Thiourea	62-56-6 / 200-543-3	Not yet available	1 - 3	Xn, N	22-40 (Car Cat 3 )-51/53-63 (Reprotox Cat 3)

\* Subject to UK exposure limit - See Section 8.

For full wording of Risk phrases see Section 16.



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#### SECTION 4. FIRST-AID MEASURES

##### 4.1. Description of first aid measures

Skin contact	In case of excessive contact, wash well with plenty of soap and water. If symptoms develop seek medical attention.
Eye contact	If safe to do so, remove contact lenses. Flush immediately with plenty of water for at least 15 minutes, keeping eyelids open. If symptoms develop seek medical attention.
Ingestion	Rinse mouth out with water. DO NOT induce vomiting. Seek medical attention.
Inhalation	In case of excessive exposure, move victim to fresh air. If symptoms develop seek medical attention.

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

Causes eye irritation. May cause depression of bone marrow function and liver and/or kidney damage if swallowed.

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

None other than above.

#### SECTION 5. FIRE-FIGHTING MEASURES

##### 5.1. Extinguishing media

- Suitable	Use any appropriate to surrounding materials
- Not to be used	None

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

May produce chlorine and oxides of sulphur in fire.

##### 5.3. Advice for fire fighters

Wear breathing apparatus and protective clothing.

#### SECTION 6. ACCIDENTAL RELEASE MEASURES

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

Wear gloves.

##### 6.2. Environmental precautions

Prevent entry into water courses or drainage systems.

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

- on soil	Absorb onto an inert material such as vermiculite, sand or earth and place into a container for safe disposal according to local regulations.
- on water	None available. In case of large spillage inform relevant authorities.



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#### 6.4. Reference to other sections

See Section 8 for details of protective equipment.  
See Section 13 for details of disposal.

### SECTION 7. HANDLING AND STORAGE

#### 7.1. Precautions for safe handling

Keep away from children. Avoid contact with eyes. Handle and open containers carefully. Read and follow manufacturer's use recommendations.

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

Store in a cool place in original containers. Keep container closed when not in use.

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

Silver jewellery cleaner.

### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1. Control parameters

Ingredient	Occupational Exposure Levels				Reference
	8h -TWA		Short-term		
	ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>	
Hydrogen chloride	1	2	5	8	UK (WEL) EH40
Propan-2-ol	400	999	500	1250	UK (WEL) EH40

Monitoring procedures

None specified

#### 8.2. Exposure Controls

Recommended engineering controls

None required.

Personal protection

Always check applicability with your supplier of protective equipment.

- Respiratory protection

None required

- Skin protection

None required

- Eye protection

None required

- Hand protection

For prolonged or repeated contact, wear Latex, Nitrile or PVC gloves. (Break-through times can vary depending on thickness, use and source. Change gloves regularly.)



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## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

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

Appearance	Colourless liquid
Odour	No characteristic odour
Odour Threshold Value:	Not determined
pH (100%)	0.5 - 1.2
Melting point (°C)	Not determined
Boiling point/range (°C)	Not determined
Flash point (°C)	Not determined
Evaporation rate	Not determined
Flammability	Not a flammable solid
Explosive properties/limits	Not determined
Vapour pressure (mbar at 25°C)	Not determined
Vapour density	Not determined
Density at 20°C (kg/m <sup>3</sup> )	980 - 1000
Solubility in water (% by weight)	Miscible
Solubility in solvents	Insoluble
Partition coefficient (log P <sub>ow</sub> )	Not determined
Auto-ignition temperature (°C)	Not determined
Decomposition temperature (°C)	Not determined
Viscosity (cPs at 20°C)	< 100
Oxidising properties	Not determined - no ingredients possess this property

### 9.2. Other information

*Note: These are typical values and do not constitute a specification.*

## SECTION 10. STABILITY AND REACTIVITY

### 10.1. Reactivity

Stable product under recommended storage and handling conditions.

### 10.2. Chemical stability

Stable product under recommended storage and handling conditions.

### 10.3. Possibility of hazardous reactions

Stable product under recommended storage and handling conditions.

### 10.4. Conditions to avoid

High temperatures.

### 10.5. Incompatible materials

None known.

### 10.6. Hazardous decomposition products

May produce chlorine and oxides of sulphur in fire.  
Hazardous polymerization will not occur.



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## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

No data available on product but, based on ingredients, is irritating to the eyes and is a Category 3 carcinogen. The latter effect has been shown in animals but not in humans.

- |                                       |  |
|---------------------------------------|--|
| (a) acute toxicity                    | Reason for no classification: Data conclusive but not sufficient for classification. |
| (b) skin corrosion/irritation         | Reason for no classification: Data conclusive but not sufficient for classification. |
| (c) serious eye damage/irritation     | Causes eye irritation.   |
| (d) respiratory or skin sensitisation | Reason for no classification: Data conclusive but not sufficient for classification. |
| (e) germ cell mutagenicity            | Reason for no classification: Data conclusive but not sufficient for classification. |
| (f) carcinogenicity                   | Category 3 - Limited evidence of a carcinogenic effect .                             |
| (g) reproductive toxicity             | Reason for no classification: Data conclusive but not sufficient for classification. |
| (h) STOT-single exposure              | Reason for no classification: Data conclusive but not sufficient for classification. |
| (i) STOT-repeated exposure            | Reason for no classification: Data conclusive but not sufficient for classification. |
| (j) aspiration hazard                 | Reason for no classification: Data conclusive but not sufficient for classification. |

Likely routes of exposure

Contact with skin and eyes.

Symptoms related to the physical, chemical and toxicological characteristics

Causes eye irritation. May cause depression of bone marrow function and liver and/or kidney damage if swallowed.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

As above.

Other information

None

## SECTION 12. ECOLOGICAL INFORMATION

No data available on product but, based in ingredients, is not classified under EU rules as dangerous to the environment.

### 12.1. Toxicity

Not classified as toxic.

### 12.2. Persistence and degradability

Not classified as having any long-term adverse effects in the aquatic environment.

### 12.3. Bioaccumulative potential

Not determined.



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|--|---|
| 12.4. Mobility in soil                   | Not determined.   |
| 12.5. Results of PBT and vPvB assessment | Does not fulfil the criteria for classification as PBT or vPvB. |
| 12.6. Other adverse effects              | None known.   |

### SECTION 13. DISPOSAL CONSIDERATIONS

#### 13.1. Waste treatment methods

- |                       |   |
|-----------------------|---|
| Disposal of product   | Hazardous Waste. Dispose of according to local regulations. |
| Disposal of packaging | Hazardous Waste. Dispose of according to local regulations. |

### SECTION 14. TRANSPORT INFORMATION

- |  |                |
|--|----------------|
| 14.1. UN number  | None           |
| 14.2. UN proper shipping name  | None           |
| 14.3. Transport hazard class(es)   | None           |
| 14.4. Packing group  | None           |
| 14.5. Environmental hazards  | None           |
| 14.6. Special precautions for user   | None           |
| 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code | Not applicable |

Does not fulfil any of the criteria for classification as dangerous for transport.

### SECTION 15. REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture  
Control of Substances Hazardous to Health Regulations 2002

#### 15.2. Chemical Safety Assessment

A Chemical Safety Assessment has not been carried out on this mixture.

### SECTION 16. OTHER INFORMATION

Inventories - All ingredients listed in EINECS.

Sources of data used in this SDS

- Suppliers data sheets
- In-house data files
- Literature such as Sax's Dangerous Properties of Industrial Materials, the RSC Dictionary of Substances and their Effects, RTECS
- CLP Annex VI Table 3.2
- EH40 (HSE)



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Date prepared	18 June 2013
Supersedes Version	2 dated 19.10.11
Revisions marked with   in the left margin.	Section 2 amended from DPD to CLP classification. Section 3 amended to include CLP data for ingredients Section 16 (below) H-statements added
Nature of revision	Updated to CLP classification

Mixture classified under CLP Regulation EC1272/2008 by calculation based on ingredient information.

I H-statements used in Section 3 of this document

H225	Highly flammable liquid and vapour
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H336	May cause drowsiness or dizziness.
H411	Toxic to aquatic life with long lasting effects

R-phrases used in Section 3 of this document

R11	Highly flammable
R22	Harmful if swallowed
R34	Causes burns
R36	Irritating to eyes
R40	Limited evidence of a carcinogenic effect
R41	Risk of serious damage to eyes
R51/53	Toxic to aquatic organisms. May cause long-term adverse effects in the aquatic environment
R63	Possible risk of harm to the unborn child

Based on EU Regulation 1907/2006 as amended by Regulation 453/2010

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