

ProductSilver Sparkle - Medium StrengthPage: 1 of 8Supersedes: Version 2 dated 19.10.11Version: 3Date Prepared: 18.03.2013

Supersedes. Version 2 dated 17.10.11 Version. 5

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

Bolton 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	Irritant Xi - R36
Carcinogen Cat 2 - H351	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.

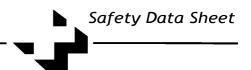
Supplemental Information

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

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

closed when not in use.

7.3. Specific end use(s)

Silver jewellery cleaner.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

	Occupational Exposure Levels				
Ingredient	8h -TWA		Short-term		Reference
	ppm	mg/m ³	ppm	mg/m ³	
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
 Skin protection
 Eye protection
 None required
 None required
 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/m³) 980 - 1000 Solubility in water (% by weight) Miscible Solubility in solvents Insoluble

Partition coefficient (log Pow) 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.

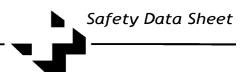
10.4. Conditions to avoid High temperatures.

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.

A3

Other information

None

SECTION 12. ECOLOGICAL INFORMATION

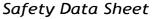
No data available on product but, based in ingredients, is not classified under EU rules as dangerous to the environment.

12.1. Toxicity Not classified as toxic.

12.2. Persistence and degradabilityNot 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 effectsNone 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 numberNone14.2. UN proper shipping nameNone14.3. Transport hazard class(es)None14.4. Packing groupNone14.5. Environmental hazardsNone14.6. Special precautions for userNone

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

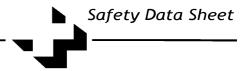
Literature such as Sax's Dangerous Properties of Industrial Materials, the RSC Dictionary of Substances and their Effects, RTECS

CLP Annex VI Table 3.2

ELLIA (LICE)

EH40 (HSE)





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Version number 3

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.

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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