



Product
Supersedes: 5 dated 30.10.17

Silver Sparkle - Medium Strength
Version: 6

Page: 1 of 8
Date Prepared: 10.11.17

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 and cutlery 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

Eye Irritation Category 2 - H319
Carcinogen Category 2 - H351
Aquatic Chronic Category 3 - H412

2.2. Label elements



WARNING

H319 - Causes serious eye irritation
H351 - Suspected of causing cancer
H412 - Harmful to aquatic life with long lasting effects

P102 - Keep out of reach of children.

P405 - Store locked up.

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

P305+351+338+310 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON Center or doctor/physician.

P308+313 - IF exposed or concerned: Get medical advice / attention

P273 - Avoid release to the environment



Product Silver Sparkle - Medium Strength
Supersedes: 5 dated 30.10.17 Version: 6

Page: 2 of 8
Date Prepared: 10.11.17

Supplemental Information

Contains Thiourea. Contains less than 5 % non-ionic surfactants.

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 EC 1272/2008

Ingredient	CAS Number/ EC Number	REACH Registration Number	%	CLP Hazard Category	H-Statements
Thiourea	62-56-6 / 200-543-3	01-2119977062-37	1 - 5	Acute Tox Cat 4 Carcinogen Cat 2 Reprotoxic Cat 2 Aquatic Chronic Cat 2	H302 H351 H361d H411
Lactic acid †	79-33-4 / 201-196-2	01-2119474164-39	< 3	Skin Irritant Cat 2 Eye Damage Cat 1	H315 H318
Sulphamic acid	5329-14-6 / 226-218-8	01-2119488633-28	0.5 - 1.5	Skin Irritant Cat 2 Eye Irritant Cat 2 Aquatic Chronic Cat 3	H315 H319 H412
Sulphuric acid * †	7664-93-9 / 231-639-5	01-2119458838-20	< 0.5	Skin Corrosive Cat 1A	H314
Sodium C10-C16 Alkyl Ethoxy Sulphate †	68585-34-2 / 500-223-8	Not yet available	< 0.5	Skin Irritant Cat 2 Eye Damage Cat 1	H315 H318

* Subject to EU exposure limit - See Section 8.

For full wording of H Statements see Section 16.

† Has Specific Concentration Limit - See Section 16

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.



Product
Supersedes: 5 dated 30.10.17

Silver Sparkle - Medium Strength
Version: 6

Page: 3 of 8
Date Prepared: 10.11.17

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

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

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 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.

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



Product
Supersedes: 5 dated 30.10.17

Silver Sparkle - Medium Strength
Version: 6

Page: 4 of 8
Date Prepared: 10.11.17

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 and cutlery cleaner.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Ingredient	Occupational Exposure Levels				Reference
	8h -TWA		Short-term		
	ppm	mg/m ³	ppm	mg/m ³	
Sulphuric acid (mist)	-	0.05	-	-	IOELV3 - Directive 2009/151/EU

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: Wear protective safety glasses or goggles
- Hand protection: Latex, Nitrile or PVC gloves. (Break-through times can vary depending on thickness, use and source. Change gloves regularly.)

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 ³)	980 - 1000
Solubility in water (% by weight)	Miscible
Solubility in solvents	Insoluble



Product
Supersedes: 5 dated 30.10.17

Silver Sparkle - Medium Strength
Version: 6

Page: 5 of 8
Date Prepared: 10.11.17

Partition coefficient (log K_{OW})	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 oxides of sulphur in fire. Hazardous polymerization will not occur.

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 2 carcinogen under CLP. The carcinogenicity has been shown in animals but not in humans.

(a) acute toxicity	Based on available data, the classification criteria are not met.
(b) skin corrosion/irritation	Based on available data, the classification criteria are not met.
(c) serious eye damage/irritation	Irritating to eyes.
(d) respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
(e) germ cell mutagenicity	Based on available data, the classification criteria are not met.
(f) carcinogenicity	Category 2 - Limited evidence of a carcinogenic effect.
(g) reproductive toxicity	Based on available data, the classification criteria are not met.
(h) STOT-single exposure	Based on available data, the classification criteria are not met.
(i) STOT-repeated exposure	Based on available data, the classification criteria are not met.



Product
Supersedes: 5 dated 30.10.17

Silver Sparkle - Medium Strength
Version: 6

Page: 6 of 8
Date Prepared: 10.11.17

(j) aspiration hazard	Based on available data, the classification criteria are not met.
Likely routes of exposure	Contact with skin and eyes.
Symptoms related to the physical, chemical and toxicological characteristics	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	Classified under the precepts of CLP as 'Suspected of causing cancer'; 'Causes serious eye irritation'.

SECTION 12. ECOLOGICAL INFORMATION

No data available on product but, based in ingredient classifications, is classified under EU rules as Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.1. Toxicity	Harmful to aquatic species.
Thiourea	
LC50 Golden Orfe	greater than 10,000 mg/L.
LC50 Daphnia magna	1.8 mg/L.
EC50 Algae	4.8-10 mg/L.
12.2. Persistence and degradability	May have long-term adverse effects in the aquatic environment. The surfactant complies with the biodegradability criteria as laid down in Regulation (EC) No.648/2004 on detergents
12.3. Bioaccumulative potential	Not determined.
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	Classified under the precepts of CLP as 'Harmful to aquatic life with long lasting effects'.

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.



Product Silver Sparkle - Medium Strength
Supersedes: 5 dated 30.10.17 Version: 6

Page: 7 of 8
Date Prepared: 10.11.17

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 3.1
IOELV3

Version number	6
Date prepared	10 November 2017
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Revisions marked with in the left margin.	None
Nature of revision	Modified to new formulation.

| Contains less than 5 % anionic surfactants

Mixture classified under CLP Regulation EC1272/2008 by calculation based on ingredient information and specific concentration limits for the following:

Sulphuric acid set by ECHA
Skin Corrosion Category 1A; H314: Conc \geq 15 %
Skin Irritation Category 2; H315: 5 % \leq Conc < 15 %
Eye Irritation Category 2; H319: 5 % \leq Conc < 15 %



Product Silver Sparkle - Medium Strength
Supersedes: 5 dated 30.10.17 Version: 6

Page: 8 of 8
Date Prepared: 10.11.17

Lactic acid ex REACH Registration Dossier
Skin Irritation Category 2; H315: Conc \geq 10%
Eye Damage Category 1; H318: Conc \geq 3%
Eye Irritation Category 2; H319: 1% \leq Conc < 3%

Sodium C10-C16 Alkyl Ethoxy Sulphate has Specific Concentration Limits set by the manufacturer and listed in the REACH registration dossier:

Concentration range (%): C \geq 10 Eye Damage Category 1 H318
Concentration range (%): 5 \leq C < 10 Eye Irritation Category 2 H319

H-statements used in Section 3 of this document

H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H318	Causes serious eye damage
H351	Suspected of causing cancer
H361d	Suspected of damaging the unborn child
H411	Toxic to aquatic life with long lasting effects
H412	Harmful to aquatic life with long lasting effects

Based on EU Regulation 1907/2006 as amended by Regulation 453/2010 and 2015/830

End of document

Number of pages = 8