

SAFETY DATA SHEET

SILVER KIT ENHANCHER

Page: 1

Compilation date: 18/09/2015

Revision No: 1

Section 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name: SILVER KIT ENHANCHER

Product code: SEKL SEKB

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

Use of substance / mixture: For Laboratory Use Only

1.3. Details of the supplier of the safety data sheet

Company name: BBI Solutions OEM Ltd.

73 Ty Glas Avenue

Cardiff

CF14 5DX

United Kingdom

Tel: +44 (0) 29 2074 7232

Email: info@bbisolutions.com

1.4. Emergency telephone number

Emergency tel: +44 (0) 29 2074 7232

(office hours only)

Section 2: Hazards identification

2.1. Classification of the substance or mixture

Classification under CLP: Aquatic Chronic 3: H412

Most important adverse effects: Harmful to aquatic life with long lasting effects.

2.2. Label elements

Label elements:

Hazard statements: H412: Harmful to aquatic life with long lasting effects.

Precautionary statements: P273: Avoid release to the environment.

P501: Dispose of contents/container to hazardous or special waste collection point.

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

Section 3: Composition/information on ingredients

3.2. Mixtures

[cont...]

SAFETY DATA SHEET

SILVER KIT ENHANCER

Page: 2

Hazardous ingredients:

SILVER NITRATE

EINECS	CAS	PBT / WEL	CLP Classification	Percent
231-853-9	7761-88-8	-	Ox. Sol. 2: H272; Skin Corr. 1B: H314; Aquatic Chronic 1: H410; Aquatic Acute 1: H400	0.500%

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Drench the affected skin with running water for 10 minutes or longer if substance is still on skin. Remove all contaminated clothes and footwear immediately unless stuck to skin. Consult a doctor if necessary

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor if necessary

Ingestion: If accidentally swallowed, rinse mouth with plenty of water (only if person conscious) and obtain immediate medical attention. Give nothing to eat or drink If unconscious, check for breathing and apply artificial respiration if necessary. Consult a doctor in case of complaint

Inhalation: Move to fresh air in case of accidental inhalation of vapours. In case of respiratory tract irritation, consult a physician.

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

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

Immediate / special treatment: No data available.

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: no data available

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Avoid breathing vapours, mist or gas. Wear respirator, chemical safety goggles, rubber boots, and heavy rubber gloves

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

[cont...]

SAFETY DATA SHEET

SILVER KIT ENHANCER

Page: 3

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Absorb onto appropriate spill kit material or suitable inert absorbent. Keep in suitable closed container for disposal. Keep in suitable, closed containers for disposal

6.4. Reference to other sections

Reference to other sections: Refer to section 8 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Ensure there is sufficient ventilation of the area.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store at 2-8oC Keep container tightly closed. Keep away from direct sunlight.

Suitable packaging: Must only be kept in original packaging.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Ensure there is sufficient ventilation of the area.

Respiratory protection: Respiratory protection not required.

Hand protection: Nitrile gloves.

Eye protection: Safety glasses with side-shields.

Skin protection: Fully buttoned laboratory coat

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Liquid

Colour: Colourless

Odour: Odourless

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

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SAFETY DATA SHEET
SILVER KIT ENHANCER

Page: 4

10.1. Reactivity

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

Chemical stability: No data available.

10.3. Possibility of hazardous reactions

Hazardous reactions: No data available.

10.4. Conditions to avoid

Conditions to avoid: No data available

10.5. Incompatible materials

Materials to avoid: No data available.

10.6. Hazardous decomposition products

Haz. decomp. products: No data available.

Section 11: Toxicological information

11.1. Information on toxicological effects

Hazardous ingredients:

SILVER NITRATE

IPR	RAT	LD50	83	mg/kg
ORL	MUS	LD50	50	mg/kg
ORL	RAT	LD50	1173	mg/kg

Toxicity values: No data available.

Symptoms / routes of exposure

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

[cont...]

SAFETY DATA SHEET

SILVER KIT ENHANCER

Page: 5

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010.

* indicates text in the SDS which has changed since the last revision.

Phrases used in s.2 and s.3: H272: May intensify fire; oxidiser.

H314: Causes severe skin burns and eye damage.

H410: Very toxic to aquatic life with long lasting effects.

H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

[final page]