

(In compliance with EC/1907/2006 Article 31 and Annex II)

Revision Date: 23/9/2013

Revision Number: 1

Material/Trade Name: SLT20 SELENIUM TONER

1 – Identification of Substance/Mixture and of the Company/Undertaking

Material/Trade Name : SLT20 Selenium Toner
 Material type : Photographic process reagent
 Company : Jay House Ltd
 Address : 6B Park Lane Industrial Estate
 Park Lane
 Corsham
 SN13 9LG
 Telephone : 01249 714555
 Fax : 01249 714999
 Internet : info@fotospeed.com

2 – Hazards Identification**Classification of the substance or mixture***According to Regulation (EC) No.1272/2008*Acute Toxicity (Category 2)
Skin sensitiser (Category 1)H301 Toxic if swallowed
H317 May cause an allergic skin reaction
EUH031 Contact with acids liberates toxic gas*According to European Directive 67/548/EEC as amended*

T; Toxic, Xi; Harmful

R25 Toxic if swallowed
R43 May cause sensitisation by skin contact
R31 Contact with acids liberates toxic gas**3 – Composition/Information on Ingredients**

CAS No.	EC No.	Index No.	Classification	Concentration
Ammonium Thiosulphate				
7783-18-8	231-982-0	[-]	[-]	25-30%
Sodium Sulphite				
7757-83-7	231-821-4	[-]	EUH031 R31	15-20%
Sodium Selenite				
10102-18-8	233-267-9	034-003-00-3	Acute Tox. 2, Acute Tox. 3, Skin Sens.1, Aquatic Chronic 2 H300, H331, H317, H411 T+; R28 T; R23 Xi; R43 N; R51/53 R31	1-2%

4 - First-aid Measures**Inhalation:**

Remove to fresh air and rest. If recovery is not rapid call for prompt medical attention. Show this safety data sheet to medical personnel.

Eyes

Irrigate with water for at least 15 minutes. Take care not to wash chemical from one eye to another. Seek immediate medical attention.

Skin

Remove contaminated clothing. Wash with soap/cleanser and rinse with plenty of water. Seek immediate medical attention.

Ingestion

Do not induce vomiting. Give plenty of water to drink. Seek immediate medical attention.

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5 - Fire-fighting Measures

Suitable Extinguishers

Use media such as alcohol/aqueous foam, dry chemical, or carbon dioxide or water spray/fog which are suitable and appropriate for any surrounding fire.

Unsuitable Extinguishers

None.

Hazardous Decomposition

Formation of CO₂, CO, SO₂, SeH₂S, NO_x and Na₂O

Special Procedures/information for firefighters

Do not breathe decomposition products and fumes. Use approved self-contained breathing apparatus. Wear fire retardant clothing. Use water spray to cool containers. Prevent runoff from fire control from entering waterways. Large fires should only be dealt with by trained personnel.

6 - Accidental Release Measures

Personal Protection and Precautions

Use suitable personal protective equipment (refer to Section 8 for details). Avoid breathing vapours. Ensure adequate ventilation.

Environmental Precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains or watercourses.

Containment, cleaning up and Disposal Considerations

Absorb in inert material such as sand or non-combustible absorbent granules

Scoop up and place in plastic container to await transfer

Refer to Section 13 for further information regarding disposal.

7 - Handling and Storage

Handling

Avoid inhalation of vapour or mist.

Storage

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

8 - Exposure Controls/Personal Protection

Occupational Exposure Limit: 0.1 mg/m³ 8hrTWA WEL Sodium Selenite

Respiratory Protection

Use in well ventilated areas. Use mechanical ventilation if possible.

Hand Protection

Wear butyl, PVC or nitrile gloves to Standard EN 374. (Breakthrough time for total immersion in excess of 8 hours)

Eye Protection

Wear suitable eye protection such as safety glasses or goggles to Standard BS EN166 to if contact of splash likely

Skin Protection

Wear suitable overalls or apron and change if contaminated. After contact with skin wash off immediately. Wash hands before breaks and immediately after using the product.

9 - Physical & Chemical Properties

Appearance: Liquid, colourless

Odour: Ammoniacal

pH: 9.3

Boiling point/range: >100°C

Melting point/range: n/e

Flash point: n/e

Flammability: NON FLAMMABLE

Auto flammability: n/e

Explosive properties: n/e

Oxidising properties: n/e

Vapour pressure: n/e

Relative density: n/e

Solubility: Fully miscible in water

Partition Coefficient: n/e

Vapour Density: n/e

Viscosity: As water

Evaporation rate: n/e

(n/e = not established)

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12 - Ecological Information

Toxicity

Not expected to be harmful to aquatic life

Persistence and degradability

No data available

Mobility in soil

No data available.

PBT and vPvB assessment

No data available

Bio accumulative potential

No data available

Other adverse effects

No data available

13 -Disposal Considerations

Product

Material is classified as hazardous waste under the Hazardous Waste Regulations 2005 as amended). Contact a licensed professional waste disposal service to dispose of this material.

Contaminated packaging

Dispose of as unused product.

14 -Transport Information

UN Number:

3287

IMO:

Class 6.1

Packing Group III**IATA/IACO**

Class 6.1

Packing Group III**ADR/RID**

Class 6.1

Packing Group III**HAZCHEM/Kemler Code:**

2X/60

Transport Name:

TOXIC LIQUID, INORGANIC, N.O.S. (Sodium selenite solution)

15 - Regulatory Information

Label Elements

Pictogram



Signal Word

Danger

Hazard Statements

H301

Toxic if swallowed

H317

May cause an allergic skin reaction

Precautionary Statements

P330

Rinse mouth

P301 + P310

IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

P302 + P352

IF ON SKIN: Wash with plenty of soap and water

P333+P313

If skin irritation or rash occurs: Get medical advice/attention

Other Regulations

Health & Safety at Work etc Act 1974

Control of Substances Hazardous to Health Regulations 2002 (as amended)

Chemicals (Hazard Information and Packaging for Supply) Regulations 2009

Classification, Labelling and Packaging of Substances and Mixtures Regulations 2008 (as amended)

EH40/2005 Workplace Exposure Limits (as amended)

Environmental Protection Act 1990

Hazardous Waste Regulations 2005 (as amended)

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16 - Other Information

Text of H-code(s) and R-phrase(s) mentioned in Section 3

H300	Fatal if swallowed
H331	Toxic if inhaled
H317	May cause an allergic skin reaction
H411	Toxic to aquatic life with long lasting effects
R23	Toxic by inhalation
R28	Very toxic if swallowed
R31	Contact with acids liberates toxic gas
R43	May cause sensitisation by skin contact
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Recommended restrictions on use

Use in accordance with manufacturer's technical instructions.

Revision History

First revision to original SDS of 20/8/2013. Amendment to UN Number and shipping name in Section 14

Further Information

The information in this Safety Data Sheet should be provided to all who will use, handle, store, transport or otherwise be exposed to this product. This information has been prepared for the guidance of plant engineering, operations, management and for people working with or handling these products. This information is believed to be reliable and updated at Revision Date, and represents the best information currently available and known by Jay House Ltd. (Jay House). However, Jay House makes no guarantee or warranty, express or implied, with respect to such information and we assume no liability resulting from its use. The information related herein is based on proper handling and anticipated uses and is for the material without chemical additions or alterations. Users should make their own investigations to determine the suitability of the information for their particular purposes. It is the responsibility of the user to undertake a suitable risk assessment/COSHH assessment prior to using this material.