

HARMAN Selenium Toner USA/Can

ACCORDING TO HAZARDOUS PRODUCTS REGULATIONS (HPR)

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**1.1 Product identifier**Product Name HARMAN Selenium Toner USA/Can
Product Code 1143207**1.2 Relevant identified uses of the substance or mixture and uses advised against**Identified Use(s) Toning solution for monochrome prints
Uses Advised Against Not known.**1.3 Details of the supplier of the safety data sheet**Manufacturer
Company Identification HARMAN Technology Ltd
Address of Manufacturer Ilford Way
Mobberley
Knutsford
Cheshire East
Postal code WA16 7JL
Telephone: +44(0)1565 650000
Fax +44(0)1565 872734
E-mail web-admin@harmantechnology.com
Office hoursSupplier
Company Identification Amplis Foto Inc.
Address of Supplier 22 Telson Street
Markham
OntarioPostal code L3R 1E5
Telephone: 905 477 4111
Fax 905 477 2502
E-mail christine@amplis.com
Office hours**1.4 Emergency telephone number**Canadian Association for Poison Centres and Clinical Toxicology
Emergency Phone Number National Helpline (Ex. Québec & Nunavut) - 1-844-764-7669
Centre antipoison du Québec (CAPQ) - 1-800-463-5060
Nunavut - Contact your Local Health Centre
Contact contact@infopoison.ca**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**Hazardous Products Regulations Acute Tox. 4 :Harmful if swallowed.
Skin Sens. 1 :May cause an allergic skin reaction.**2.2 Label elements**

Product Name HARMAN Selenium Toner USA/Can

Hazard Pictogram(s)



GHS07

Signal Word(s) Warning

Hazard Statement(s) H302: Harmful if swallowed.
H317: May cause an allergic skin reaction.Precautionary Statement(s) P102: Keep out of reach of children.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352: IF ON SKIN: Wash with plenty of water.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.

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P405: Store locked up.

P501: Dispose of contents in accordance with local, state or national legislation.

2.3 Other hazards

None known.

2.4 Additional Information

For full text of H/P Statements see section 16.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substances**

Not applicable.

3.2 Mixtures

| HAZARDOUS INGREDIENT(S) | CAS No. | %W/W | Hazard Statement(s) | Hazard Pictogram(s) |
|-------------------------|------------|--------|---|---------------------|
| Ammonium Thiosulphate | 7783-18-8 | 10-30% | Not classified | None |
| Sodium Sulphite | 7757-83-7 | 10-30% | Not classified. | None |
| sodium selenite | 10102-18-8 | 1-5% | Acute Tox. 2 H300 Skin Irrit. 2 H315 Skin Sens. 1 H317 Eye Irrit. 2B H320 Acute Tox. 2 H330 | GHS06 GHS07 |

For full text of H/P Statements see section 16.

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures**

Inhalation

Treat symptomatically.

Skin Contact

Take off immediately all contaminated clothing and wash it before reuse. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see Medical Advice on this label).

Eye Contact

Treat symptomatically.

Ingestion

Rinse mouth. Immediately call a POISON CENTER/doctor.

4.2 Most important symptoms and effects, both acute and delayed

Allergic contact dermatitis.

4.3 Indication of any immediate medical attention and special treatment needed

Specific treatment (see Medical Advice on this label). Treat symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES**5.1 Extinguishing Media**

Suitable Extinguishing Media

As appropriate for surrounding fire.

Unsuitable Extinguishing Media

None.

5.2 Special hazards arising from the substance or mixture

May decompose in a fire, giving off toxic and irritant vapors.

5.3 Advice for firefighters

Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation. Wear suitable protective clothing, gloves and eye/face protection.

6.2 Environmental precautions

Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material. Transfer to a container for disposal.

6.4 Reference to other sections

See Also Section 8, 13.

HARMAN Selenium Toner USA/Can**SECTION 7: HANDLING AND STORAGE****7.1 Precautions for safe handling**

Avoid breathing dust/fume/gas/mist/vapors/spray. Wash hands and exposed skin thoroughly after handling. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing/eye protection/face protection.

7.2 Conditions for safe storage, including any incompatibilities

Keep out of reach of children.

Storage temperature

Ambient.

Storage life

Stable under normal conditions.

Incompatible materials

None known.

7.3 Specific end use(s)

Toning solution for monochrome prints

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1 Control parameters****8.1.1 Occupational Exposure Limits**

| Occupational Exposure Limits | | | | | | |
|-------------------------------|------------|---------------------|------------------------------------|------------|---------------------------|-------|
| SUBSTANCE. | CAS No. | LTEL (8 hr TWA ppm) | LTEL (8 hr TWA mg/m ³) | STEL (ppm) | STEL (mg/m ³) | Note: |
| Selenium and compounds, as Se | 10102-18-8 | | 0.2 | | | |

Region Canada - English
Source Regulation respecting occupational health and safety, Permissible Exposure Values for Airborne Contaminants, January 2023, Quebec, Canada.

Remark Notes

8.2 Exposure controls

8.2.1. Appropriate engineering controls Use with ventilation, local exhaust ventilation or breathing protection. A washing facility/water for eye and skin cleaning purposes should be present.

8.2.2. Personal protection equipment

Eye Protection

Wear eye protection with side protection (EN ISO 16321-1).



Skin protection

Wear protective clothing and gloves: Impervious gloves (EN 374). Breakthrough time of the glove material: refer to the information provided by the gloves' producer.



Respiratory protection

A suitable mask with filter type A (EN14387 or EN405) may be appropriate.



Thermal hazards

None known.

8.2.3. Environmental Exposure Controls Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1 Information on basic physical and chemical properties**

Physical state Liquid.
Color Not known.
Odor Not known.
Melting Point/Freezing Point Not known.
Boiling point or initial boiling point and boiling range Not known.
Flammability Not known.
Lower and upper explosion limit Not known.

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| | |
|---|--|
| Flash Point | Not known. |
| Auto-ignition temperature | Not known. |
| Decomposition Temperature | Not known. |
| pH | Not known. |
| Kinematic Viscosity | Not known. |
| Solubility | Solubility (Water) : Not known. Solubility (Other) : Not known. |
| Partition coefficient n-octanol/water (log value) | Not known. |
| vapor pressure | Not known. |
| Density and/or relative density | Not known. |
| Relative vapor density | Not known. |
| Particle characteristics | Not known. |
| 9.2 Other information | None. |

SECTION 10: STABILITY AND REACTIVITY

| | |
|--|--|
| 10.1 Reactivity | None anticipated. |
| 10.2 Chemical Stability | Stable under normal conditions. |
| 10.3 Possibility of hazardous reactions | No hazardous reactions known if used for its intended purpose. |
| 10.4 Conditions to avoid | None anticipated. |
| 10.5 Incompatible materials | Not known. |
| 10.6 Hazardous decomposition products | No hazardous decomposition products known. |

SECTION 11: TOXICOLOGICAL INFORMATION

| | |
|--|---|
| 11.1 Information on toxicological effects | |
| Acute toxicity - Ingestion | Calculation method : Harmful if swallowed. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 324.99 |
| Acute toxicity - Skin Contact | Calculation method : Not classified. |
| Acute toxicity - Inhalation | Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 32.5 |
| Skin corrosion/irritation | Calculation method : Causes mild skin irritation. |
| Serious eye damage/irritation | Calculation method : Not classified. |
| Skin sensitization data | Calculation method : May cause an allergic skin reaction. |
| Respiratory sensitization data | Calculation method : Not classified. |
| Germ cell mutagenicity | Calculation method : Not classified. |
| Carcinogenicity | Calculation method : Not classified. |
| Reproductive toxicity | Calculation method : Not classified. |
| Lactation | Calculation method : Not classified. |
| STOT - single exposure | Calculation method : Not classified. |
| STOT - repeated exposure | Calculation method : Not classified. |
| Aspiration hazard | Calculation method : Not classified. |
| 11.2 Other information | Not known. |

SECTION 12: ECOLOGICAL INFORMATION

| | |
|---|--------------------------------|
| 12.1 Toxicity | |
| Toxicity - Aquatic invertebrates | Low toxicity to invertebrates. |
| Toxicity - Fish | Low toxicity to fish. |
| Toxicity - Algae | Low toxicity to algae. |
| Toxicity - Sediment Compartment | Not classified. |
| Toxicity - Terrestrial Compartment | Not classified. |
| 12.2 Persistence and degradability | Not known. |
| 12.3 Bioaccumulative potential | Not known. |
| 12.4 Mobility in soil | |

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Not known.
12.5 Other adverse effects
 None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods
 Dispose of contents in accordance with local, state or national legislation. Send to a licensed recycler, reclaimer or incinerator. Dispose of this material and its container to hazardous or special waste collection point. Dispose at suitable refuse site.

13.2 Additional Information
 Disposal should be in accordance with local, state or national legislation.

SECTION 14: TRANSPORT INFORMATION

Not classified as hazardous for transport.

14.1 UN number
 Not applicable

14.2 UN proper shipping name
 Not applicable

14.3 Transport hazard class(es)
 Not applicable

14.4 Packing group
 Not applicable

14.5 Environmental hazards
 Not classified as a Marine Pollutant.

14.6 Special precautions for user
 Not known

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
 Not known

SECTION 15: REGULATORY INFORMATION

This product has been classified in accordance with HPR and the SDS contains all the information required by HPR.

15.1 Canadian Regulations

| | |
|--|---|
| Domestic Substances List (DSL) | 7732-18-5, 7783-18-8, 7757-83-7, 10102-18-8 |
| Export Control List | Not listed |
| Priority Substances List (PSL) | Not listed |
| Toxic Substances List | Not listed |
| National Pollutant Release Inventory (NPRI) Substance List | 10102-18-8 |

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s)



GHS07

GHS06: GHS: Skull and crossbones

Hazard classification

Acute Tox. 2 : Acute toxicity, Category 2
 Acute Tox. 4 : Acute toxicity, Category 4
 Skin Irrit. 2 : Skin corrosion/irritation, Category 2
 Skin Sens. 1 : Skin sensitization, Category 1
 Eye Irrit. 2B : Serious eye damage/irritation, Category 2B
 Acute Tox. 2 : Acute toxicity, Category 2

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|--|--|
| Hazard Statement(s) | H300: Fatal if swallowed. H302: Harmful if swallowed. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H320: Causes eye irritation. H330: Fatal if inhaled. |
| Precautionary Statement(s) | P102: Keep out of reach of children. P261: Avoid breathing dust/fume/gas/mist/vapors/spray. P264: Wash hands and exposed skin thoroughly after handling. P270: Do not eat, drink or smoke when using this product. P272: Contaminated work clothing should not be allowed out of the workplace. P280: Wear protective gloves/protective clothing/eye protection/face protection. P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell. P302+P352: IF ON SKIN: Wash with plenty of water. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P321: Specific treatment (see Medical Advice on this label). P330: Rinse mouth. P333+P313: If skin irritation or rash occurs: Get medical advice/attention. P362+P364: Take off contaminated clothing and wash it before reuse. P405: Store locked up. P501: Dispose of contents in accordance with local, state or national legislation. |
| Acronyms | ATE : Acute Toxicity Estimate CAS : Chemical Abstracts Service LTEL : Long term exposure limit STEL : Short term exposure limit STOT : Specific Target Organ Toxicity |
| Key literature references and sources for data used to compile the SDS | Hazardous Products Regulations |
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