FREESTYLE PHOTOGRAPHIC SUPPLIES
LEGACY PRO
SEPIA TONER - BLEACH BATH PART A

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Distributor: Freestyle Photographic Supplies
5124 Sunset Blvd., Hollywood, CA 90027
Product Name: **SEPIA TONER- BLEACH BATH PART A**
Product Number: **745702P**
Product Use: Photographic bleach
Customer Information Phone Number: 1-800-292-6137
CHEMTREC®: 24 Hour Emergency Transport Phone Number: 1-800-424-9300
Date Reviewed: 0728/2015
Version: 2.0

2. HAZARDOUS IDENTIFICATION

2.1 Classification of the substance or mixture

Health hazard

Skin irritation (Category 2), H315
Eye irritation (Category 2A), H319
Skin sensitization (Category 1), H317
Specific organ toxcity Respiratory, H335
Acute aquatic toxicity (Category 3), H402
Chronic aquatic toxicity (category 3), H412

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal Word: WARNING

Hazard statement(s)

H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H361	Suspected of causing genetic defects
H412	Harmful to aquatic life with long lasting effects.

Precautionary statement(s)

P261	Avoid breathing mist
P264	Wash skin thoroughly after handling
P273	Avoid release into the environment
P280	Wear protective gloves, eye protection
P304 + P340	IF INHALED; Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P302 + P352	IF ON SKIN: Wash with plenty of soap
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 supplemental first aid instructions on this label).
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P363	Wash contaminated clothing before reuse
P391	Collect spillage
P501	Dispose of contents to an approved waste disposal plant.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS	OHSA PEL	ACGIH TLV	Weight %
POTASSIUM BROMIDE	7758-02-3	N.E.	N.E.	50-55
POTASSIUM FERRICCYANIDE	13746-66-2	10 ppm*	4.7ppm*C	45-50

*Hydrogen cyanide expressed as CN

4. FIRST AID MEASURES

4.1 Description of first aid measures

Eye Contact: Dust exposure may cause irritation to the eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

Inhalation: If symptomatic, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion: Do not induce vomiting. Only induce vomiting at the instruction of medical personnel. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Call a Poison Control Center.

Skin Contact: Flush skin with plenty of water and wash with a non-alkaline skin cleaner. Wash contaminated clothes before reuse. Get medical attention if irritation develops.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Noncombustible solid. Use agent appropriate for surrounding fire.

5.2 Special Hazards arising from substance or mixture

Hydrogen bromide gas, Potassium oxides. Carbon oxides, Nitrogen oxides, Potassium oxides, Iron oxides.

5.3 Advise for firefighters

Wear self-contained breathing NIOSH/MSHA approved apparatus and protective clothing to prevent contact with skin and eyes. Fire or excessive heat may produce hazardous decomposition products. Use water to keep containers cool.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Review fire and explosion hazards and safety precautions before proceeding with cleanup. Use appropriate personal protective equipment. Avoid breathing dust. Avoid contact with skin and eyes. Avoid breathing vapors, mist or gas. Stop the spillage. Pick up and arrange disposal without creating dust. Sweep up and shovel. If in working solution dike the spill. Prevent liquid from entering sewers, waterways or low areas. Absorb spillage in inert material. Soak up with sawdust, sand, or other absorbent material. Remove non-usable solid material and/or contaminated soil for disposal in an approved and permitted landfill.

6.2 Environmental precautions

Prevent liquid from entering sewers, waterways or low areas. Discharge to sewer requires approval of permitting authority and may require pre-treatment. Contaminated surfaces should be cleaned using water.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Store in a cool, dry, well-ventilated area. Keep containers closed. Do not store or consume food, drink, or tobacco where they may become contaminated with this material.

7.2 Conditions for safe storage, including any incompatibles

Keep container tightly closes. Hydroscopic. Triple rinse before disposal. Dispose of in a licensed facility.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

See Section 3.

8.2 Exposure controls

Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Personal protective equipment

Eye Protection: Safety glasses with side shields (or goggles).

Respiratory Protection: Avoid breathing dust. Wear approved dust filter respirator if TLV is to be exceeded. Use a full-face particle respirator type P95 (US) or type P1 (EN 143) respirator cartridges as a backup to engineering controls.

Skin protection: Latex, rubber, or neoprene waterproof gloves are recommended.

Body protection: Rubber or plastic apron.

Respiratory protection: Local exhaust ventilation is recommended. Ventilation must be adequate to keep hazardous ingredients below their exposure limits.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance And Odor: Orange powder, no odor.
Solubility In Water: appreciable
Boiling Point: Not applicable
Vapor Pressure: Negligible
Specific Gravity: Not applicable
Melting Point: N.E.
Freezing Point: N.E.
Evaporation Rate: Not applicable
Vapor Density: Not applicable
Percent Volatile: 0
Ph: Not applicable
Molecular Weight: N.E.
Pounds Per Gallon: N.E.
V.O.C. = 0

10. STABILITY AND REACTIVITY

10.1 Reactivity
Stable

10.2 Chemical stability
Conditions To Avoid: Moisture

10.3 Possibility of hazardous reactions
No data available

10.4 Conditions to avoid
Moisture

10.5 Incompatible Materials
Strong oxidizing agents, strong acids, heavy metal salts, aluminum, Potassium

10.6 Decomposition Products
Nitrogen oxides, hydrogen cyanide, and hydrogen bromide.

11. TOXICOLOGICAL INFORMATION

11.1 Information of toxicological effects

Component information

Potassium Bromide 7758-02-3

Acute toxicity:
Oral LD-50 (rat) 3,070 mg/kg
Inhalation: No data available
Dermal: No data available

Skin irritation:
Skin – No data available
Eye irritation:
No data available
Respiratory or Skin Sensitization
No data available
Carcinogenicity/mutagenicity: none

Potassium Ferriccyanide 13746-66-2

Acute toxicity:
Oral LD-50 (mouse) 2970 mg/kg
Inhalation: No data available
Dermal: No data available

Skin irritation:
No data available
Eye irritation:
No data available
Respiratory or Skin Sensitization
No data available
Carcinogenicity/mutagenicity: none
Reproductive toxicity :
No data available

12. ECOLOGICAL INFORMATION

Component information

Potassium Bromide 7758-02-3

12.1 Toxicity

Toxicity to fish LC50- Pimephales promelas (fat minnow)- > 30 mg/l – 96h

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential
No data available

12.4 Mobility in soil
No data available

12.5 Result of PBT and vPvB assessment
Assessment not available as chemical assessment not required/not conducted

12.5 Other adverse effects
None

Potassium Ferriccyanide 13746-66-2

12.1. Toxicity

Toxicity to fish LC50 –Oncorhynchus mykiss (rainbow trout) – 869 mg/l – 96 h

Toxicity to daphnia EC50 – Daphnia magna (water flea) – 549 mg/l – 48 h

12.2. Persistence and degradability
No data available

12.3. Bio-accumulative potentia
No data available

12.4. Mobility in soil
No data available

12.5. Results of PBT and vPvB assessment
No data available

12.6. Other adverse effects
No data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product
Preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

14. TRANSPORT INFORMATION

DOT (US)
Not regulated

15. REGULATORY INFORMATION

SARA 302 Components
The following components are subject to reporting levels established by SARA Title III, Section 302:
None

SARA 313 Components
The following components are subject to reporting levels established by SARA Title III, Section 313:
None

SARA 311/312 Hazards
Acute Health Hazard, Chronic Health Hazard

California Prop 65 Components
This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

TSCA
All ingredients in this finished product are listed on the EPA TSCA INVENTORY.

SCAQMD Rule 443.1

Photochemically Reactive: No
Maximum Grams of VOC per Liter: 0 g/L
Vapor Pressure: 18 mm Hg@ 20 Degrees C

16. OTHER INFORMATION

Full text of H-statements referred to under sections 2 and 3.

Skin irritation (Category 2), H315
Eye irritation (Category 2A), H319
Skin sensitization (Category 1), H317
Specific organ toxcity Respiratory, H335
Acute aquatic toxicity (Category 3), H402
Chronic aquatic toxicity (category 3), H412

HMIS RATING

Health: 2
Chronic: *
Flammability: 0
Reactivity: 0

OTHER ADDITIONAL INFORMATION: The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for the injuries from the use of the product described herein.

FREESTYLE PHOTOGRAPHIC SUPPLIES
LEGACY PRO
SEPIA TONER POWDER TONING BATH - PART B

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Distributor: Freestyle Photographic Supplies
5124 Sunset Blvd., Hollywood, CA 90027
Product Name: **SEPIA TONER- TONING BATH PART B**
Product Number: **745702P**
Product Use: Photographic toner
Customer Information Phone Number: 1-800-292-6137
CHEMTREC®: 24 Hour Emergency Transport Phone Number: 1-800-424-9300
Date Reviewed: 07/28/2015
Version: 2.0

2. HAZARDOUS IDENTIFICATION

2.1 Classification of the substance or mixture

Health hazard

Self-heating substances and mixtures (Category 1), H251
Corrosive to metals (Category 1), H290
Acute toxicity, Oral (Category 3), H301
Acute toxicity, Dermal (Category 3), H311
Skin corrosion (Category 1B), H314
Serious eye damage (Category 1), H318
Acute aquatic toxicity (Category 1), H400

2.2 GHS Label elements, including precautionary statements

Pictogram

Signal Word: DANGER

Hazard statement(s)

H251 Self-heating : may catch fire
H290 May be corrosive to metals
H301 Toxic if swallowed or in contact with skin.
H314 Causes severre skin burns and eye damage
H318 Causes serious eye damage.
H400 Very toxic to aquatic life.

Precautionary statement(s)

P234 Keep only in original container.
P235 + P410 Keep cool. Protect from sunlight.
P260 Avoid breathing dust or mist
P264 Wash skin thoroughly after handling
P270 Do not eat, drink or smoke when using this product.
P273 Avoid release into the environment
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301 + P310 + P330 IF SWALLOWED: Immediately call a POISON CENTER or doctor. Rinse mouth. Do not induce vomiting.
P304 + P340 IF INHALED; Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor.
P302 + P352 IF ON SKIN: Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305 + P351 + P338 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.
P363 Wash contaminated clothing before reuse
P390 + P391 Absorb spillage to prevent material damage. Collect spillage
P501 Dispose of contents to an approved waste disposal plant.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS	OHSA PEL	ACGIH TLV	Weight %
SODIUM SULFIDE HYDRATED	1313-82-2	N.E.	N.E.	100

4. FIRST AID MEASURES

4.1 Description of first aid measures

Eye Contact: Dust exposure may cause irritation to the eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

Inhalation: If symptomatic, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion: Do not induce vomiting. Only induce vomiting at the instruction of medical personnel. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. Call a Poison Control Center.

Skin Contact: Flush skin with plenty of water and wash with a non-alkaline skin cleaner. Wash contaminated clothes before reuse. Get medical attention if irritation develops.

5. FIRE FIGHTING MEASURES

5.1 Extinguishing media

Nonflammable solid. Dry powder.

5.2 Special Hazards arising from substance or mixture

Fire or excessive heat may cause production of hazardous

decomposition products. Powdered material may form explosive dust-air mixtures. Contact with all acids or excessive heat will liberate poisonous, flammable hydrogen sulfide gas. Hydrogen sulfide vapors are heavier than air and may travel a considerable distance to source of ignition and flash back. The autoignition temperature of hydrogen sulfide is 500º F.
Hazardous Composition Products: Sulfur oxides

5.3 Advise for firefighters

Wear self-contained breathing NIOSH/MSHA approved apparatus and protective clothing to prevent contact with skin and eyes. Fire or excessive heat may produce hazardous decomposition products. Use water to keep containers cool.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Review fire and explosion hazards and safety precautions before proceeding with cleanup. Use appropriate personal protective equipment including respiratory protection. Avoid dust formation . Avoid breathing dust. Avoid contact with skin and eyes. Avoid breathing vapors, mist or gas. Stop the spillage. If dry, sweep up chemical and place in a hazardous waste container. **Do not let come in contact with acids.** If mixed, dike the spill. Prevent liquid from entering sewers, waterways or low areas. Absorb spillage in inert material. Soak up with sawdust, sand, or other absorbent material. Remove non-usable solid material and/or contaminated soil for disposal in an approved and permitted landfill.

6.2 Environmental precautions

Prevent liquid from entering sewers, waterways or low areas. Discharge to sewer requires approval of permitting authority and may require pre-treatment. Contaminated surfaces should be cleaned and wet vacuumed after all visible traces have been removed. Contaminated surfaces should be cleaned using water.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Store in a cool, dry, well-ventilated area. Keep containers closed. Do not store or consume food, drink, or tobacco where they may become contaminated with this material.

7.2 Conditions for safe storage, including any incompatibles

Store in a cool, dry, well ventilated area Keep container tightly closes. Hydroscopic. Minimize dust generation and accumulation. Dust may form explosive mixtures in air. Keep containers closed. Do not store with incompatible materials such as acids. Air and light sensitive. Pyrophoric and self-heating hazardous material.

8. EXPOSURE CONTROL / PERSONAL PROTECTION

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Avoid contact with skin, eyes and clothing. Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet. Facilities storing or utilizing this material

should be equipped with an eyewash facility and a safety shower.

Personal protective equipment

Eye Protection: Close fitting chemical safety glasses with faceshield.

Respiratory Protection: Avoid breathing dust. Wear approved dust filter respirator if TLV is to be exceeded. Use a full-face particle respirator type P95 (US) or type P1 (EN 143) respirator cartridges as a backup to engineering controls.

Skin protection: Latex, rubber, or neoprene waterproof gloves are recommended.

Body protection: Rubber or plastic apron.

Respiratory protection: Local exhaust ventilation is recommended. Ventilation must be adequate to keep hazardous ingredients below their exposure limits. Avoid breathing dust/ mist/vapor. Wear a full-face particle respirator N100 (US) as backup. A full-face positive-pressure air-supplied respirator must be worn if hazardous decomposition products are likely to be released or have been released to protect from exposure to hydrogen sulfide gas.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance And Odor: light yellow flakes, pungent odor.
Solubility In Water: appreciable
Boiling Point: 293ºF to 346ºF
Vapor Pressure: Negligible
Specific Gravity: 1.858 (flake)
Working solution: 1.69
Melting Point: 195.8 ºF
Freezing Point: 197 ºF
Evaporation Rate: Not applicable
Percent Volatile: 0
Vapor Density: Not applicable
Ph: Not applicable (strongly alkaline)
Molecular Weight: 240.18
Pounds Per Gallon: Not applicable
V.O.C. = 0

10. STABILITY AND REACTIVITY

10.1 Reactivity
No data available

10.2 Chemical stability
Moderately stable

10.3 Possibility of hazardous reactions
Strong acids; strong oxidizing agents. *Contact with acid liberates flammable material. Contact with acid liberates toxic gas. Contact with acids liberates hydrogen sulfide*

10.4 Conditions to avoid
Conditions To Avoid: Moisture, Light, heat, and incompatible materials

10.5 Incompatible Materials
Strong oxidizing agents, strong acids, Copper, Zinc acids

10.6 Decomposition Products
Hydrogen sulfide and sulfur dioxide.

11. TOXICOLOGICAL INFORMATION

11.1 Information of toxicological effects

Component information

Sodium Sulfide 1313-82-2

Corrosive to skin, eyes, and alimentary canal.

Acute toxicity:
Oral LD-50 (mouse) 246 mg/kg
Inhalation: No data available
Dermal: No data available
A 25-27% solution of sodium sulfide caused skin corrosion in rabbits when exposed to the skin for 4 hours.

Skin irritation:
No data available
Eye irritation:
No data available
Respiratory or Skin Sensitization
No data available
Carcinogenicity/mutagenicity: none
Reproductive toxicity :
No data available

12. ECOLOGICAL INFORMATION

Component information

Sodium Sulfide 1313-82-2

12.1 Toxicity

Toxicity to fish	LC50- Lepomis macrochirus (Bluegill sunfish) – 0.032 mg/l – 96h
Toxicity to daphnia	LC50-Daphnia magna (water fleas) – 2.1 mg/l – 48 h
Toxicity to algae	Growth inhibition EC50- Chlorella pyrenoidosa – 75 mg/l – 96 h

12.2 Persistence and degradability
No data available

12.3 Bioaccumulative potential
Does not significantly accumulate in organisms.

12.4 Mobility in soil
No data available

12.5 Result of PBT and vPvB assessment
Assessment not available as chemical assessment not required/not conducted

12.6 Other adverse effects
An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Very toxic to aquatic life.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product
Preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. This material is highly flammable. Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

14. TRANSPORT INFORMATION

DOT (US)

Limited Quantity Exception apply to this product, for “inner packagings not over 1.0L (0.3 gal) for liquids and 1.0 kg (2.2 lb) for solids”. 173.154 (b) (1). Each package must conform to the packaging requirements of Subpart B of Part 173 and may not exceed 30 kg (66 lb) gross weight. For further information consult the 49 CFR.

DOT Class: CONSUMER COMMODITY, ORM-D
Hazard Class: NOT APPLICABLE
UN No.: NOT APPLICABLE
Packing Group: NOT APPLICABLE
Guide No: NOT APPLICABLE
Ship Name: NOT APPLICABLE

For quantities greater than 2.2 pounds the following:

Proper Shipping Name: Sodium sulfide, hydrated
UN number: 1849
Class 8
Packing Group: II

Poison Inhalation Hazard: NO

15. REGULATORY INFORMATION

SARA 302 Components
The following components are subject to reporting levels established by SARA Title III, Section 302:
None

SARA 313 Components
The following components are subject to reporting levels established by SARA Title III, Section 313:
None

SARA 311/312 Hazards
Reactivilty, Acute Health Hazard, Chronic Health Hazard

California Prop 65 Components
This product does not contain any chemicals known to the State of California to cause cancer, birth defects, or any other reproductive harm.

TSCA
All ingredients in this finished product are listed on the EPA TSCA INVENTORY.

SCAQMD Rule 443.1

Photochemically Reactive: No
Maximum Grams of VOC per Liter: 0 g/L
Vapor Pressure: 18 mm Hg@ 20 Degrees C

16. OTHER INFORMATION

Full text of H-statements referred to under sections 2 and 3.

H251 Self-heating substances and mixtures (Category 1)
H290 Corrosive to metals (Category 1)
H301 Acute toxicity, Oral (Category 3)
H311 Acute toxicity, Dermal (Category 3)
H314 Skin corrosion (Category 1B)
H318 Serious eye damage (Category 1)
H400 Acute aquatic toxicity (Category 1)

HMIS RATING

Health: 3
Chronic: *
Flammability: 2
Reactivity: 1

OTHER ADDITIONAL INFORMATION: The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding

the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for the injuries from the use of the product described herein.