

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 01/22/2020

Reviewed on 02/17/2020

Trade name: HTC Developer Concentrate Part A**1 Identification****Product identifier****Trade name: HTC DEVELOPER CONCENTRATE PART A****Product number: 5701726****Relevant identified uses of the substance or mixture and uses advised against****Product description** Developer concentrate for hand tanks for manual x-ray processing.**Details of the supplier of the safety data sheet****Distributed by:****Henry Schein, Inc.
135 Duryea Road
Melville, NY 11747****Telephone: 1-800-472-4346****Emergency: Chemtrec 1-800-424-9300****2 Hazard(s) identification****Classification of the substance or mixture**

GHS08 Health hazard

Muta. 2 H341 Suspected of causing genetic defects.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

Label elements**GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms

GHS07 GHS08

Signal word Warning

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Trade name: HTC Developer Concentrate Part A**Hazard-determining components of labeling:**

Hydroquinone

Hazard statements

Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.
Suspected of causing genetic defects.
Very toxic to aquatic life.

Precautionary statements

Avoid breathing dust/fume/gas/mist/vapors/spray.
Wear protective gloves.
Wear eye protection / face protection.
Avoid release to the environment.
Wash thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing.
Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).
Wash contaminated clothing before reuse.
IF exposed or concerned: Get medical advice/attention.
If skin irritation occurs: Get medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
If on skin: Wash with plenty of water.
Collect spillage.
Take off contaminated clothing and wash it before reuse.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.

Unknown acute toxicity:

5.4 percent of the mixture consists of ingredient(s) of unknown toxicity.

Classification system:**NFPA ratings (scale 0 - 4)****HMIS-ratings (scale 0 - 4)****Hazard(s) not otherwise classified (HNOC):** None known





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Trade name: HTC Developer Concentrate Part A**3 Composition/information on ingredients****Chemical characterization: Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.

Dangerous Components:	
Hydroquinone   	4.10%
Acute Toxicity, 4 Oral H302; Skin Irrit. 1, H317; Eye Irrit. 2A, H319; STOT SE 3, H335	
Sodium Hydroxide	2.42%
 Skin Corr. 1A, H314	

4 First-aid measures**Description of first aid measures****After inhalation:** In case of unconsciousness, place patient securely on side position for transportation.**After skin contact:**

Immediately wash with water and soap and rinse thoroughly. If skin irritation occurs, consult a doctor.

After eye contact:

Rinse opened eye for at least 15 minutes under running water. If symptoms persist, consult a doctor.

After swallowing: If swallowed and symptoms occur, consult a doctor.**Information for doctor:****Most important symptoms and effects, both acute and delayed:** No further relevant information available.**Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

5 Fire-fighting measures**Not flammable****Extinguishing media****Suitable extinguishing agents:**CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.**Special hazards arising from the substance or mixture** No further relevant information available.**Advice for firefighters****Protective equipment:**

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

6 Accidental release measures**Personal precautions, protective equipment and emergency procedures** Not required.

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Trade name: HTC Developer Concentrate Part A**Environmental precautions:**

Inform respective authorities in case of seepage into water course or sewage system. Dilute with plenty of water.

Do not allow to enter sewers/ surface or ground water.

Methods and material for containment and cleaning up:

Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to section 13.

Ensure adequate ventilation.

Dispose of the collected material according to regulations.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage**Handling:****Precautions for safe handling**

Ensure good ventilation/exhaustion at the workplace.

Prevent formation of aerosols.

Information about protection against explosions and fires: No special measures required.**Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:** No special requirements.**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:** None.**Specific end use(s)** No further relevant information available.**8 Exposure controls/personal protection****Additional information about design of technical systems:** No further data; see section 7.**Control parameters**

Components with occupational exposure limits:	
Hydroquinone 123-31-9	
PEL	Long-term value: 2 mg/m ³
REL	Ceiling limit value: 2* mg/m ³ *15-min
TLV	Long-term value: 1 mg/m ³ DSEN

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Trade name: HTC Developer Concentrate Part A**Additional information:** The lists that were valid during the creation of this SDS were used as basis.**Exposure controls****Personal protective equipment:****General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed. Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing and wash before reuse. Wash hands before breaks and at the end of work.

Avoid contact with the skin

Avoid contact with the eyes.

Breathing equipment: Not required. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Engineering Measures: Showers

Eyewash stations

Ventilation systems

Protection of hands:

Protective gloves

The glove material needs to be impermeable and resistant to the product/the substance/ the preparation.

9 Physical and chemical properties

Information on basic physical and chemical properties**General Information**

Appearance:	
Form:	Liquid
Color:	Yellow
Odor:	Odorless
Odor threshold:	Not determined
pH-value @ 20 °C (68 °F):	10.7
Change in condition	
Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	100°C (212 °F)
Flash point:	Not applicable
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	
Decomposition temperature:	Not determined.
Auto igniting:	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.
Explosion limits:	
Lower:	0.0 Vol %
Upper:	0.0 Vol %
Vapor pressure @ 20 °C (68 °F):2	23 hPa (17 mm Hg)
Density @ 20 °C (68 °F):	1.17 g/cm ³ (9.8 lbs/gal)
Relative density	Not determined.
Vapor density	Not determined.

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Evaporation rate	Not determined.
Solubility in / Miscibility with Water:	Fully miscible.
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	0.0 %
Water:	75.75 %
Solids content:	23.1 %
Other information	No further relevant information available.

10 Stability and reactivity**Reactivity** No further relevant information available.**Chemical stability** Stable under normal conditions.**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.**Possibility of hazardous reactions** No dangerous reactions known.**Conditions to avoid:** No further relevant information available.**Incompatible materials:** No further relevant information available.**Hazardous decomposition products:** No dangerous decomposition products known.**11 Toxicological information****Component information****Hydroquinone 123-31-9****Acute toxicity:** Oral LD-50 (rat) 367.3 mg/kg (OECD Test Guidance 401)**Dermal LD-50:** (rabbit) >2,000 mg/kg (OECD Test Guidance 402)**Inhalation:** no data**Skin irritation:** no data**Eye irritation:** no data**Respiratory or Skin Sensitization:** (in vivo assay – mouse (OECD Test Guidance 429)

May cause sensitization by skin contact.

May cause allergic skin reaction.

Carcinogenicity/mutagenicity: none**Sodium Sulfite 7757-83-7****Acute toxicity:** Oral LD-50 (rat) 3, 560 mg/kg**Inhalation** LC-50 (rabbit) >5.500 mg/kg - 4 h

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Trade name: HTC Developer Concentrate Part A**Dermal:** no data available**Skin irritation:** Rabbit No skin irritation**Eye irritation:** Rabbit Mild eye irritation**Respiratory or Skin Sensitization:** Prolonged or repeated exposure may cause allergic skin Reaction in certain sensitive individuals.**Carcinogenicity/mutagenicity:** none**12 Ecological information****Component information****Hydroquinone****Toxicity:****Aquatic toxicity:** Rainbow trout: LC59 = 0.097 mg; 96 Hr.
Fathead minnow: LC50=0.1-0.18 mg/L: 96 Hr.
Phytobacterium phosphoreum: EC50=0.77 -3.97 mg/L5,15,30 minutes.**Persistence and degradability:** Readily degradable in the environment.**Behavior in environmental systems:****Bioaccumulative potential** No further relevant information available.**Mobility in soil** No further relevant information available.**Additional ecological information:****General notes:**

Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

Results of PBT and vPvB assessment

PBT: Not applicable.**vPvB:** Not applicable.**Other adverse effects:** No further relevant information available.**Sodium Sulfite****Toxicity:****Aquatic Toxicity:** LC- Gambia affinis (Mosquito fish) – 660 mg/l –**Persistence and degradability:** No data available**Bioaccumulative potential:** No data available**Mobility in soil:** No data available**Result of PBT and vPvB assessment:** Assessment not available as chemical assessment not required/not conducted**Other adverse effects:** None**Aquatic toxicity:**

Avoid release into the environment. Runoff from fire control or dilution water may cause pollution.

Persistence and degradability: No further relevant information available.**Behavior in environmental systems:****Bioaccumulative potential:** No further relevant information available.**Mobility in soil:** No further relevant information available.**Ecotoxicological effects:****Remark:** Very toxic for fish**Additional ecological information:**

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Trade name: HTC Developer Concentrate Part A

General notes:

Water hazard class 3 (Self-assessment): extremely hazardous for water
 Do not allow product to reach ground water, water course or sewage system, even in small quantities. Danger to drinking water if even extremely small quantities leak into the ground.
 Poisonous for fish and plankton in water bodies. Very toxic for aquatic organisms

13 Disposal considerations

Waste treatment methods

Recommendation:


Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

Recommended cleansing agent: Water, if necessary with cleansing agents.

14 Transport information

UN-Number	
DOT	Non-Regulated Material
ADR, IMDG	UN3082
UN proper shipping name	
DOT	Non-Regulated Material
ADR	UN3082 Environmentally hazardous substances, liquid, n.o.s.
IMDG	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S., MARINE POLLUTANT
IATA	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
Transport hazard class(es)	
DOT	
Class	Non-Regulated Material
ADR, IMDG, IATA	
	
Class	9 Miscellaneous dangerous substances and articles
Label	9
Packing group	
DOT	Non-Regulated Material
ADR, IMDG, IATA	III
Environmental hazards:	Not applicable.
Special marking (ADR):	Symbol (fish and tree)
Special marking (IATA):	Symbol (fish and tree)
Special precautions for user	Warning: Miscellaneous dangerous substances and articles
EMS Number:	F-A,S-F
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	

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ADR	
Excepted quantities (EQ)	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
UN "Model Regulation":	UN3082, Environmentally hazardous substances, liquid, n.o.s., 9, III

15 Regulatory information

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

Sara

Section 355 (extremely hazardous substances):
Section 313 (Specific toxic chemical listings):
TSCA (Toxic Substances Control Act):
All ingredients are listed.

California Proposition 65

Chemicals known to cause cancer:
None of the ingredients are listed.
Chemicals known to cause reproductive toxicity for females:
None of the ingredients are listed.
Chemicals known to cause reproductive toxicity for males:
None of the ingredients are listed.
Chemicals known to cause developmental toxicity:
None of the ingredients are listed.

Carcinogenic categories

EPA (Environmental Protection Agency)
None of the ingredients are listed.
TLV (Threshold Limit Value established by ACGIH)
NIOSH-Ca (National Institute for Occupational Safety and Health)
None of the ingredients are listed.

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms

GHS07 GHS08

Signal word Warning**Hazard-determining components of labeling:** Hydroquinone

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Trade name: HTC Developer Concentrate Part A**Hazard statements**

Causes skin irritation.
Causes serious eye irritation.
May cause an allergic skin reaction.
Suspected of causing genetic defects.
Very toxic to aquatic life.

Precautionary statements

Avoid breathing dust/fume/gas/mist/vapors/spray.
Wear protective gloves.
Wear eye protection / face protection.
Avoid release to the environment.
Wash thoroughly after handling.
Contaminated work clothing must not be allowed out of the workplace.
Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Specific treatment (see supplementary first aid instructions on this Safety Data Sheet).
Wash contaminated clothing before reuse.
IF exposed or concerned: Get medical advice/attention.
If skin irritation occurs: Get medical advice/attention.
If skin irritation or rash occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
If on skin: Wash with plenty of water.
Collect spillage.
Take off contaminated clothing and wash it before reuse.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.

National regulations:

The product is subject to be classified according with the latest version of the regulations on hazardous substances.

State Right to Know

All ingredients are listed.

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.**16 Other information**

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

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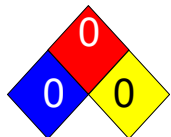
Reviewed on 02/17/2020

Trade name: HTC Fixer Concentrate 1:3**1 Identification****Product identifier****Trade name: HTC FIXER CONCENTRATE PART B****Product number: 5701726****Relevant identified uses of the substance or mixture and uses advised against****Product description:** Fixer concentrate for hand tank chemicals for manual x-ray processing.**Details of the supplier of the safety data sheet****Distributed by:****Henry Schein, Inc.
135 Duryea Road
Melville, NY 11747****Telephone: 1-800-472-4346****Emergency: Chemtrec 1-800-424-9300****2 Hazard(s) identification****Classification of the substance or mixture**

The product does not need classification according to OSHA HazCom Standard 29 CFR paragraph (d) §1910.1200(g) and GHS Rev 03.

Label elements**GHS label elements** Non-Regulated Material**Hazard pictograms** Non-Regulated Material**Signal word** Non-Regulated Material**Hazard statements** Non-Regulated Material**Unknown acute toxicity:**

0 percent of the mixture consists of ingredient(s) of unknown toxicity.

Classification system:**NFPA ratings (scale 0 - 4)**

Health = 0

Fire = 0

Reactivity = 0

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Trade name: HTC Fixer Concentrate 1:3**HMIS-ratings (scale 0 - 4)**

HEALTH	0	Health = 0
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

Hazard(s) not otherwise classified (HNOC): None known**3 Composition/information on ingredients****Chemical characterization: Mixtures****Description:** Mixture of substances listed below with nonhazardous additions.**Dangerous Components:**

RTECS: AF 1225000	Acetic Acid 64-19-7	Flam. Liq. 3, H226;  Skin Corr. 1A, H314	3.78%
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Additional information:

Trade secret made in accordance with paragraph (i) of §1910.1200 of 29 CFR 1910.1200, the OSHA Hazard Communication Standard and U.S. Code of Federal Regulations.

4 First-aid measures**Description of first aid measures****General information:** No special measures required.**After inhalation:**

Consult a doctor for complaints.

Supply fresh air; consult doctor in case of complaints.

After skin contact:

Generally the product does not irritate the skin. If skin irritation occurs, consult a doctor.

After eye contact:

Rinse opened eye for several minutes under running water. If eye irritation occurs, consult a doctor.

After swallowing: If swallowed and symptoms occur, consult a doctor.

Information for doctor:

Most important symptoms and effects, both acute and delayed: No further relevant information available.**Indication of any immediate medical attention and special treatment needed**

No further relevant information available. In case of unconsciousness, place patient securely on side position for transportation.

5 Fire-fighting measures**Not flammable**

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Trade name: HTC Fixer Concentrate 1:3**Suitable extinguishing agents:** CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.**Special hazards arising from the substance or mixture** No further relevant information available.**Advice for firefighters****Protective equipment:**

As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent), and full protective gear to prevent contact with skin and eyes.

6 Accidental release measures**Personal precautions, protective equipment and emergency procedures** Not required.**Environmental precautions:** Dilute with plenty of water. Do not allow to enter sewers/ surface or ground water.**Methods and material for containment and cleaning up:**

Absorb with liquid-binding material (i.e. sand, diatomite, acid binders, universal binders, sawdust).

Dispose of the collected material according to regulations.

Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

7 Handling and storage**Handling:****Precautions for safe handling**

No special measures required.

Information about protection against explosions and fires: No special measures required.**Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:** No special requirements.**Information about storage in one common storage facility:** Not required.**Further information about storage conditions:** Keep receptacle tightly sealed.**Specific end use(s)** No further relevant information available.**8 Exposure controls/personal protection****Additional information about design of technical systems:** No further data; see section 7.

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Trade name: HTC Fixer Concentrate 1:3**Control parameters**

Components with occupational exposure limits:	
Acetic Acid	
PEL	Long-term value: 25 mg/m ³
TLV	Long-term value: 25 mg/m ³

Additional information: The lists that were valid during the creation of this SDS were used as basis.**Exposure controls****Personal protective equipment:****General protective and hygienic measures:**

The usual precautionary measures for handling chemicals should be followed.

Workplace should be equipped with showers, eyewash stations, and ventilation systems.

Breathing equipment: Not required.**Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Eye protection:

Tightly sealed goggles

9 Physical and chemical properties**Information on basic physical and chemical properties****General Information**

Appearance:	
Form:	Liquid
Color:	Light yellow to greenish
Odor:	Ammonia, slight
Odor threshold:	Not determined
pH-value @ 20 °C (68 °F):	5-5.4
Change in condition	
Melting point/Melting range:	Not determined.
Boiling point/Boiling range:	100 °C (212 °F)
Flash point:	Not applicable
Flammability (solid, gaseous):	Not applicable.
Ignition temperature:	
Decomposition temperature:	Not determined.
Auto igniting:	Product is not self-igniting.
Danger of explosion:	Product does not present an explosion hazard.

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Trade name: HTC Fixer Concentrate 1:3

Explosion limits:	
Lower:	0.0 Vol %
Upper:	0.0 Vol %
Vapor pressure @ 20 °C (68 °F):	23 hPa (17 mm Hg)
Density @ 20 °C (68 °F):	1.37 g/cm ³ (11.4 lbs/gal)
Relative density	Not determined.
Vapor density	Not determined.
Evaporation rate	Not determined.
Solubility in / Miscibility with Water:	Complete
Partition coefficient (n-octanol/water):	Not determined.
Viscosity:	
Dynamic:	Not determined.
Kinematic:	Not determined.
Solvent content:	
Organic solvents:	3.78%
Volatility:	38.34%
Solids content:	8.07%
Other information	No further relevant information available.

10 Stability and reactivity**Reactivity** No further relevant information available.**Chemical stability** Stable under normal conditions.**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.**Possibility of hazardous reactions** No dangerous reactions known.**Conditions to avoid:** No further relevant information available.**Incompatible materials:** No further relevant information available.**Hazardous decomposition products:** No dangerous decomposition products known.**11 Toxicological information****Component information****Ammonium Thiosulfate 7783-18-8****Acute toxicity:** Oral: LD50 (rats): 2,890 mg/kg**Dermal:** No data **Inhalation:** No data**Skin irritation:** Rabbit Non irritant**Eye irritation:** Rabbit No eye irritation (OECD Test Guideline 405).**Carcinogenicity/mutagenicity:** none**Sodium Sulfite 7757-83-7****Acute toxicity:** Oral LD-50 (rat) 3, 560 mg/kg

LC-50 (rabbit) >5.500 mg/kg - 4 h

Dermal: no data available

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Trade name: HTC Fixer Concentrate 1:3**Skin irritation:** Rabbit No skin irritation**Eye irritation:** Rabbit Mild eye irritation**Respiratory or Skin Sensitization** Prolonged or repeated exposure may cause allergic skin Reaction in certain sensitive individuals.**Carcinogenicity/mutagenicity:** none**Acetic Acid 64-19-7****Acute toxicity:** Oral: LD50 (rats): 3,310 mg/kg**Dermal:** LD50 (Rabbit) – 4h – 11.4 mg/l**Inhalation:** LC50 (Mouse) – 1h – 5620 ppm LC50 (Rat) – 4h -11.4 mg/l**Skin irritation:** No data available**Eye irritation:** Rabbit Corrosive to eyes**Respiratory or skin sensitization** No data available**Carcinogenicity/mutagenicity:** none**12 Ecological information****Component information****Ammonium thiosulfate 7783-18-8****12.1 Toxicity****Toxicity to fish:** LC0-Lepomis macrochirus (bluegill) - 510 mg/l – 96h**Toxicity to daphnia:** and LC50 – Daphnia magna (Water flea) – 230 mg/l – 21d**Toxicity to algae:** EC50 – Pseudokirchneriella subcapitata - > 100 mg/l – 72 h (OECD Test Guideline 201).**Toxicity to bacteria:** Respiration inhibition EC50 – Sludge Treatment - > 1,000 mg/l – 3h (OECD Test Guideline 201).**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**Sodium Sulfite 7757-83-7****12.1 Toxicity****Toxicity to fish:** LC- Gambusia affinis (Mosquito fish) – 660 mg/l – 96h**12.2 Persistence and degradability:** No data available**12.3 Bioaccumulative potential:** No data available

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12.4 Mobility in soil: No data available

Acetic Acid 64-19-7

12.1 Toxicity

Toxicity to fish: LC0- Oncorhynchus mykiss (rainbow trout) - > 1,000 mg/l – 96h (OECD Test Guideline 203).

Toxicity to daphnia: and LC50 – Daphnia magna (Water flea) – > 300.82mg/l – 48h other aquatic invertebrates (OECD Test Guideline 202).

12.2 Persistence and degradability: No data available

12.3 Bioaccumulative potential: Biodegradability aerobic – exposure time 30d Result: 99% - Readily biodegradable Biochemical Oxygen 880 mg/g Demand (BOD)

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: No data available.

13 Disposal considerations

Waste treatment methods

Recommendation:

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Uncleaned packagings:

Recommendation: Disposal must be made according to official regulations.

14 Transport information

UN-Number	
DOT, ADR, ADN, IMDG, IATA	Non-Regulated Material
UN proper shipping name	
DOT, ADR, ADN, IMDG, IATA	Non-Regulated Material
Transport hazard class(es)	
DOT, ADR, ADN, IMDG, IATA	
Class	Non-Regulated Material
Packing group	
DOT, ADR, IMDG, IATA	Non-Regulated Material
Environmental hazards:	Not applicable.
Special precautions for user	Not applicable.
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
UN "Model Regulation":	-

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Trade name: HTC Fixer Concentrate 1:3**15 Regulatory information****Safety, health and environmental regulations/legislation specific for the substance or mixture****U.S. Federal Regulations**

Section 355 (extremely hazardous substances):
Section 313 (Specific toxic chemical listings):
TSCA (Toxic Substances Control Act):
All ingredients are listed.

California Proposition 65

Chemicals known to cause cancer:
None of the ingredients are listed.
Chemicals known to cause reproductive toxicity for females:
None of the ingredients are listed.
Chemicals known to cause reproductive toxicity for males:
None of the ingredients are listed.
Chemicals known to cause developmental toxicity:
None of the ingredients are listed.

Carcinogenic categories

EPA (Environmental Protection Agency)
None of the ingredients are listed.
TLV (Threshold Limit Value established by ACGIH)
NIOSH-Ca (National Institute for Occupational Safety and Health)
None of the ingredients are listed.

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

Hazard pictograms NONE**Signal word NONE****Hazard-determining components of labeling:****Not regulated material**

National regulations:	
The product is subject to be classified according with the latest version of the regulations on hazardous substances.	
State Right to Know	
Acetic Acid	3.78%
Sodium Sulfite	6.34%

Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 02/09/2020

Reviewed on 02/17/2020

Trade name: HTC Fixer Concentrate 1:3**16 Other information**

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

Date of last revision: 02/09/2020