

Rapid Fixer 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 Rapid Fixer USA/CAN
Product Code 1984253, 1984262, 1984565

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

Identified Use(s) Photographic Fixer Solution
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 hours

Supplier
Company Identification Amplis Foto Inc.
Address of Supplier 22 Telson Street
Markham
Ontario

Postal 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 Not classified as dangerous for supply/use.

2.2 Label elements

Product Name Rapid Fixer USA/CAN

Hazard Pictogram(s) None.

Signal Word(s) None.

Hazard Statement(s) None.

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.
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

Rapid Fixer USA/CAN**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	35-50%	Not classified	None
sodium hydrogensulphite ... %sodium bisulphite ... %	7631-90-5	1-5%	Acute Tox. 4 H302	GHS07
acetic acid ... %	64-19-7	<2%	Flam. Liq. 3 H226 Skin Corr. 1A H314 Liq. Static	GHS02 GHS05

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 Treat symptomatically.
 Eye Contact Treat symptomatically.
 Ingestion Treat symptomatically.

4.2 Most important symptoms and effects, both acute and delayed

Treat symptomatically.

4.3 Indication of any immediate medical attention and special treatment needed

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

None anticipated. Heating may cause decomposition.

5.3 Advice for firefighters

As appropriate for surrounding fire.

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

Provide adequate ventilation. Wear suitable gloves if prolonged skin contact is likely.

6.2 Environmental precautions

Do not release large quantities into the surface water or into drains.

6.3 Methods and material for containment and cleaning up

Adsorb spillages onto sand, earth or any suitable adsorbent material.

6.4 Reference to other sections

See Also Section 8, 13.

SECTION 7: HANDLING AND STORAGE**7.1 Precautions for safe handling****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)

Photographic Fixer Solution

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Rapid Fixer USA/CAN**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:
Acetic acid	64-19-7	10	25	15	37	
Sodium bisulfite	7631-90-5		5			

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 Ensure adequate ventilation. 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 Not normally required.



Respiratory protection Normally no personal respiratory protection is necessary.



Thermal hazards None known.

8.2.3. Environmental Exposure Controls Do not release large quantities into the surface water or into drains.

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.
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

Rapid Fixer USA/CAN

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 : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 12834.33
Acute toxicity - Skin Contact	Calculation method : Not classified.
Acute toxicity - Inhalation	Calculation method : Not classified.
Skin corrosion/irritation	Calculation method : Causes mild skin irritation.
Serious eye damage/irritation	Calculation method : Not classified.
Skin sensitization data	Calculation method : Not classified.
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

Not known.

12.5 Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste treatment methods**

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

Rapid Fixer USA/CAN

	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)	7783-18-8, 7732-18-5, 127-09-3, 64-19-7, 7631-90-5
Export Control List	Not listed
Priority Substances List (PSL)	Not listed
Toxic Substances List	64-19-7
National Pollutant Release Inventory (NPRI) Substance List	64-19-7

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s)	None. GHS02: GHS: Flame GHS05: GHS: Corrosion GHS07: GHS: Exclamation mark
Hazard classification	Flam. Liq. 3 : Flammable liquid, Category 3 Acute Tox. 4 : Acute toxicity, Category 4 Skin Corr. 1A : Skin corrosion/irritation, Category 1A Liq. Static : Static Accumulating Flammable Liquids
Hazard Statement(s)	H226: Flammable liquid and vapor. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. Static accumulating flammable liquid can become electrostatically charged even in bonded and grounded equipment. Sparks may ignite liquid and vapor. May cause flash fire or explosion.
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. 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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