

**Hypam 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 Hypam Rapid Fixer USA/Can  
Product Code 1758285**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 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 Repr. 1B :May damage fertility or the unborn child.

**2.2 Label elements**

Product Name Hypam Rapid Fixer USA/Can

Hazard Pictogram(s)



GHS08

Signal Word(s) Danger

Hazard Statement(s) H360: May damage fertility or the unborn child.

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.  
P405: Store locked up.  
P501: Dispose of contents in accordance with local, state or national legislation.

**Hypam Rapid Fixer USA/Can****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)
sodium hydrogensulphite ... % sodium bisulphite ... %	7631-90-5	<5	Acute Tox. 4 H302	GHS07
Missing Phrase	10043-35-3	2.6022	Acute Tox. 4 H332 Repr. 1B H360	GHS08 GHS07
acetic acid ... %	64-19-7	1.4475	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 IF exposed or concerned: Get medical advice/attention.  
 Skin Contact IF exposed or concerned: Get medical advice/attention.  
 Eye Contact IF exposed or concerned: Get medical advice/attention.  
 Ingestion IF exposed or concerned: Get medical advice/attention.

**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**

IF exposed or concerned: Get medical advice/attention. 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**

Heating may cause decomposition.

**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. Ensure full personal protection (including respiratory protection) during removal of spillages.

**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.

**SECTION 7: HANDLING AND STORAGE**

**Hypam Rapid Fixer USA/Can****7.1 Precautions for safe handling**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves/protective clothing/eye protection/face protection.

**7.2 Conditions for safe storage, including any incompatibilities**

Store locked up. 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****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 <sup>3</sup> )	STEL (ppm)	STEL (mg/m <sup>3</sup> )	Note:
Sodium bisulfite	7631-90-5		5			
Borate, inorganic compounds, (including boric acid)	10043-35-3		2		6	ld
Acetic acid	64-19-7	10	25	15	37	

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

Remark Id Notes inhalable dust

**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

Normally no personal respiratory protection is necessary.



Thermal hazards

None known.

8.2.3. Environmental Exposure Controls Spillages or uncontrolled discharges into watercourses must be alerted to the appropriate regulatory body.

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

Physical state Liquid.  
Color yellow. -green.  
Odor Slightly Pungent  
Melting Point/Freezing Point Not known.  
Boiling point or initial boiling point and boiling range Not known.  
Flammability Not known.

**Hypam Rapid Fixer USA/Can**

Lower and upper explosion limit	Not known.
Flash Point	Not known.
Auto-ignition temperature	Not known.
Decomposition Temperature	Not known.
pH	= 5.1.
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	Relative density : 1.34 @ 20°C
Relative vapor density	Not known.
Particle characteristics	Not known.
<b>9.2 Other information</b>	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 : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 12930.25
Acute toxicity - Skin Contact	Calculation method : Not classified.
Acute toxicity - Inhalation	Calculation method : Not classified. Calculation method : Calculated acute toxicity estimate (ATE) Calc ATE - 422.72
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 : May damage fertility or the unborn child.
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**

**Hypam Rapid Fixer USA/Can**

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. Dispose of this material and its container to hazardous or special waste collection point.

**13.2 Additional Information**

Dispose at suitable refuse site.

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)	7783-18-8, 7631-90-5, 127-09-3, 7732-18-5, 10043-35-3, 64-19-7
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)



GHS08

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  
Acute Tox. 4 : Acute toxicity, Category 4  
Repr. 1B : Reproductive toxicity, Category 1B  
Liq. Static : Static Accumulating Flammable Liquids

**Hypam Rapid Fixer USA/Can**

Hazard Statement(s)	H226: Flammable liquid and vapor. H302: Harmful if swallowed. H314: Causes severe skin burns and eye damage. H332: Harmful if inhaled. H360: May damage fertility or the unborn child. 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. P201: Obtain special instructions before use. P202: Do not handle until all safety precautions have been read and understood. 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. P308+P313: IF exposed or concerned: Get medical advice/attention. 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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