

**Hypam Fixer**

ACCORDING TO WORK HEALTH AND SAFETY (WHS) REGULATIONS

**SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING****1.1 Product identifier**Product Name Hypam Fixer  
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  
WA16 7JL  
Postal code  
Telephone: +44(0)1565 650000  
Fax +44(0)1565 872734  
E-mail web-admin@harmantechnology.com  
Office hoursSupplier  
Company Identification C R Kennedy & Co  
Address of Supplier For local contact information please see website:  
<https://crkphotoimaging.com.au/office-locations>  
Postal code VIC 3207  
NSW 2020  
QLD 4000/4870  
WA 6021  
SA 5067  
TAS 7000  
Telephone: VIC - +61 (03) 9823 1555  
NSW - +61 (02) 9552 8300  
QLD - +61 (07) 3632 6777/ +61 (07) 4031 5399  
WA - +61 (08) 9489 8500  
SA - +61 (08) 8410 0533  
TAS - +61 (03) 9823 1850  
E-mail <https://crkphotoimaging.com.au/contact-us>**1.4 Emergency telephone number**NSW Poisons Information Centre  
Address The Children's Hospital at Westmead  
Locked Bag 4001  
Westmead, NSW 2145  
Emergency Phone No. 13 11 26**SECTION 2: HAZARDS IDENTIFICATION****2.1 Classification of the substance or mixture**

In accordance to GHS as implemented under WHS Regulations Repr. 1B :May damage fertility or the unborn child.

**2.2 Label elements**In accordance to GHS as implemented under WHS Regulations  
Product Name Hypam Rapid Fixer

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.

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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.

**2.3 Other hazards**

Safety data sheet available on request.

**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
Boric acid	10043-35-3	2.6022	Repr. 1B H360	GHS08
acetic acid ... %	64-19-7	1.4475	Flam. Liq. 3 H226 Skin Corr. 1A H314	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: FIREFIGHTING 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.

**Hypam Fixer****SECTION 7: HANDLING AND STORAGE****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**

WORKPLACE EXPOSURE STANDARDS FOR AIRBORNE CONTAMINANTS						
SUBSTANCE.	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
Sodium bisulphite	7631-90-5		5			
Acetic acid	64-19-7	10	25	15	37	

Region  
Australia

Source  
Workplace Exposure Standards For Airborne Contaminants, 2024, Australia.

Remark

Notes

**8.2 Exposure controls**

8.2.1. Appropriate engineering controls Use with ventilation, local exhaust ventilation or breathing protection.

**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 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.
Colour	yellow. -green.
Odour	Slightly Pungent
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.

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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.
Vapour pressure	Not known.
Density and/or relative density	Relative density : 1.34 @ 20°C
Relative vapour 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 : 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.
Skin corrosion/irritation	Calculation method : Not classified.
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. May damage 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**

Not known.

**12.5 Other adverse effects**

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

Australian Inventory of Industrial Chemicals (AIIC) Listed : 7783-18-8, 7631-90-5, 127-09-3, 7732-18-5, 10043-35-3, 64-19-7

IMAP (Inventory Multi-Tiered Assessment and Prioritisation) – Stage One chemicals 7783-18-8, 7631-90-5, 127-09-3, 10043-35-3, 64-19-7

List of PECs (Priority Existing Chemicals) Not listed

NPI (National Pollutant Inventory) 10043-35-3, 64-19-7

Schedule 10 of WHS Regulations – Not listed

Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals

**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

Repr. 1B : Reproductive toxicity, Category 1B

Hazard Statement(s)

H226: Flammable liquid and vapour.

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H302: Harmful if swallowed.  
H314: Causes severe skin burns and eye damage.  
H360: May damage fertility or the unborn child.

## 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 In accordance to GHS as implemented under WHS Regulations

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