

Microphen Developer (Part B)

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 Microphen Developer (Part B)
Product code 1173875**1.2 Relevant identified uses of the substance or mixture and uses advised against**Identified Use(s) Photographic Developer
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 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 elementsProduct Name In accordance to GHS as implemented under WHS Regulations
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Hazard Pictogram(s)



GHS08

Signal Word(s)

Danger

Hazard Statement(s)

H360: May damage fertility or the unborn child.

Precautionary Statement(s)

P101: If medical advice is needed, have product container or label at hand.
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

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 sulfite	7757-83-7	60-100%	Not classified	None
Sodium tetraborate decahydrate	1303-96-4	<8.5%	Repr. 1B H360	GHS08

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. Avoid dust generation. Do not breathe dust. 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

Sweep up spilled substance and remove to safe place. Use vacuum equipment for collecting spilt materials, where practicable.

6.4 Reference to other sections

See Also Section 8, 13.

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

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protection/face protection.

7.2 Conditions for safe storage, including any incompatibilities
Store locked up.

Storage temperature: Ambient.
Storage life: Stable under normal conditions.
Incompatible materials: None known.

7.3 Specific end use(s)
Photographic Developer

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/m ³)	STEL (ppm)	STEL (mg/m ³)	Note
Borates, tetra, sodium salts (decahydrate)	1303-96-4		5			

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 dust mask or dust respirator with filter type P (EN143 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: Solid.
Colour: Not known.
Odour: 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 applicable.
Auto-ignition temperature: Not known.
Decomposition Temperature: Not known.
pH: Not known.
Kinematic Viscosity: Not known.
Solubility: Solubility (Water) : Not known.

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Partition coefficient n-octanol/water (log value)	Solubility (Other) : Not known. Not known.
Vapour pressure	Not known.
Density and/or relative density	Not known.
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.
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	None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods	Dispose of contents in accordance with local, state or national legislation. Dispose
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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 : 7757-83-7, 7758-02-3, 7758-29-4, 1303-96-4, 7757-82-6
 IMAP (Inventory Multi-Tiered Assessment and Prioritisation) – Stage One chemicals 7757-83-7, 7758-02-3, 7758-29-4, 1303-96-4, 7757-82-6
 List of PECs (Priority Existing Chemicals) Not listed
 NPI (National Pollutant Inventory) 1303-96-4
 Schedule 10 of WHS Regulations – Prohibited carcinogens, restricted carcinogens and restricted hazardous chemicals Not listed

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements:

LEGEND

Hazard Pictogram(s)



GHS08

Hazard classification	Repr. 1B : Reproductive toxicity, Category 1B
Hazard Statement(s)	H360: May damage fertility or the unborn child.
Precautionary Statement(s)	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. 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

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Key literature references and sources for data used to compile the SDS
Disclaimers

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