



# Material Safety Data Sheet

## G150 (Concentrate)

**Infosafe no.** 1AG5X **Issue Date** January 2001 **Status** ISSUED by AGFA\_AUS

**Not classified as hazardous according to criteria of NOHSC**

### COMPANY DETAILS

**Company Name** Agfa-Gevaert Ltd (ABN 12 000 404 722)  
**Address** 372-394 Whitehorse Road Nunawading, Vic 3131 Australia  
**Emergency Tel.** 1800 638 556 (24h)  
**Tel/Fax** Tel: (03) 9264 7711 Fax: (03) 9264 7891  
**Other Information** New Zealand:  
 Agfa-Gevaert NZ Ltd  
 3 Argus Place  
 Glenfield, Auckland  
 Tel: 09 443 5500  
 Emergency Tel: 0800 154 666 (24h)  
 International Emergency Tel: 0061 410 606 944

### IDENTIFICATION

**Product Name** G150 (Concentrate)  
**Proper Shipping Name** None Allocated

Other Names	Name	Product Code
	G150 DEVELOPER MANUAL 15L	FJBX3
	G150 DEVELOPER 30L	GJH4O
	G150 DEVELOPER 4 x 30L	EFBDQ

**UN Number** None Allocated  
**DG Class** None Allocated  
**Packing Group** None Allocated  
**Hazchem Code** None allocated.  
**Poisons Schedule** Not Scheduled

**Product Use** X-ray film developer. Concentrate.

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### Physical Data

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**Appearance** Colourless liquid.  
**Melting Point** -22°C.  
**Boiling Point** 105°C.  
**Vapour Pressure** Not available.  
**Specific Gravity** 1.275.  
**Flash Point** Not applicable.  
**Solubility in Water** Aqueous solution.

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### Other Properties

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**pH Value** 11.25.  
**Odour** Odourless.  
**Form** Liquid

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### Ingredients

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Ingredients	Name	CAS	Proportion
	Potassium sulfite	10117-38-1	10-20 %
	Potassium carbonate	584-08-7	5-10 %
	Hydroquinone	123-31-9	1-5 %
	Diethylene glycol	111-46-6	1-5 %
	1-phenyl-4-methyl-3-pyrazolidone	2654-57-1	0.1-1.5 %
	Potassium bromide	7758-02-3	0.5-1 %
	EDTA-tetrasodium salt	64-02-8	0.5-1 %
	Water	7732-18-5	(To 100%)

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### HEALTH HAZARD INFORMATION

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#### Health Effects

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**Acute - Swallowed** Harmful if swallowed.  
**Acute - Eye** Irritating to eyes.  
**Acute - Skin** Irritating to skin.  
**Acute - Inhaled** Not likely to cause irritation.  
**Chronic** Repeated or prolonged exposure may result in allergic skin reactions.

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## First Aid

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<b>Swallowed</b>	If swallowed, give a glass of water to drink and seek medical attention.
<b>Eye</b>	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical attention.
<b>Skin</b>	Remove contaminated clothing and wash before re-use. Wash affected areas with copious quantities of water immediately. If swelling, redness, blistering or irritation occurs seek medical advice.
<b>Inhaled</b>	If irritation occurs, move patient to fresh air.
<b>First Aid Facilities</b>	Eye wash facilities should be available.

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## Advice to Doctor

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<b>Advice to Doctor</b>	Treat according to symptoms.
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## Other Health Hazard Information

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## PRECAUTIONS FOR USE

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<b>Exposure Limits</b>	Hydroquinone - TWA:2mg/m <sup>3</sup> *TWA = Time Weighted Average
<b>Eng. Controls</b>	Use sufficient ventilation in the workplace to maintain airborne concentration levels of hydroquinone at or below the recommended exposure limit.

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## Personal Protection

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<b>Eye Protection</b>	Avoid contact with eyes. Where splashing is possible, wear splash proof safety goggles in accordance with standard AS1337.
<b>Glove Type</b>	Wear gloves of impervious material such as nitrile, neoprene, PVC or rubber in accordance with standard AS2161.

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## Flammability

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<b>Fire Hazards</b>	Not flammable.
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## SAFE HANDLING INFORMATION

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## Storage and Transport

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<b>Storage Precautions</b>	Keep container tightly sealed. Avoid contact with strong acids. Avoid direct sunlight. Store at a temperature between 4°C and 24°C.
<b>Transport Proper Shipping</b>	Classified as non-dangerous for transport. None Allocated

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## Spills and Disposal

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<b>Spills &amp; Disposal</b>	Wear protective gloves and eye goggles as described under 'Precautions for Use'. Large Spills - Apply inert absorbent material such as sand or vermiculite to contain and soak up the spill. Avoid breathing vapours. Collect waste into a suitable container. Seal and label the container for disposal. Wash away residue with water or wipe up with a cloth. Do not allow material to enter drains or waterways. Small Spills - Wash away with water or wipe up with a cloth. Do not allow material to enter drains or waterways. Clean contaminated surfaces. Isolate and contain ruptured containers to prevent further spillage. If contamination of sewers or waterways has occurred, advise local emergency services. Waste spillage material should be disposed of in accordance with local regulations.
<b>Disposal</b>	Used or unwanted product should be collected by a licensed waste disposal company for treatment and/or disposal in accordance with local regulations. Do not discharge to sewerage system.

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## Fire/Explosion Hazard

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<b>Fire/Explos. Hazard</b>	No fire or explosion hazards under normal conditions for use or storage.
<b>Hazardous Decomposition or Byproducts</b>	Formation of toxic fumes during a fire.
<b>Extinguishing Media</b>	Use extinguishing measures appropriate to local circumstances and surrounding environment.
<b>Hazchem Code</b>	None allocated.

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## OTHER INFORMATION

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<b>Toxicology</b>	Diethylene glycol - Acute oral LD50 (rat) 12,565mg/kg Hydroquinone - Acute oral LD50 (rat) 320mg/kg Potassium carbonate - Acute oral LD50 (rat) 1870mg/kg
<b>Risk Statement</b>	None allocated.
<b>Hazard Category</b>	None allocated.
<b>Other Information</b>	Hydroquinone - Although responses have not been consistent across routes of exposures, species or sex, some animal studies suggest that hydroquinone is weakly tumorigenic for rodents following the administration of high oral doses. In contrast, long term epidemiological studies of employees engaged in the manufacture and use of hydroquinone have shown no evidence of increased cancer risk from exposure to hydroquinone.
<b>References</b>	Source MSDS: G150 Developer/Replenisher 3554/04 03May2000 Author : Agfa-Gevaert NV Septestraat 27 B-2640 Mortsel Belgium

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## CONTACT POINT

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<b>Contact</b>	Hazardous Goods Controller
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Tel: (03) 9264 7711

The information contained herein is based on our current knowledge and experience and is intended to describe the product in terms of its safety requirements. The information does not signify any warranty, expressed or implied with regard to the properties of the product.

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End of MSDS