AGFA 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.

Physical Data

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.

Other Properties

pH Value	11.25.
Odour	Odourless.
Form	Liquid

Ingredients

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%)

HEALTH HAZARD INFORMATION

Health Effects

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.

First Aid

Swallowed	If swallowed, give a glass of water to drink and seek medical attention.
Eye	Immediately irrigate with copious quantity of water for at least 15 minutes. Eyelids to be held open. Seek medical attention.
Skin	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.
Inhaled	If irritation occurs, move patient to fresh air.
First Aid Facilities	Eye wash facilities should be available.

Advice to Doctor

Advice to Doctor	Treat according to symptoms.

Other Health Hazard Information

PRECAUTIONS FOR USE

Exposure Limits	Hydroquinone - TWA:2mg/m3 *TWA = Time Weighted Average
Eng. Controls	Use sufficient ventilation in the workplace to maintain airborne concentration levels of hydroquinone at or below the recommended exposure limit.

Personal Protection

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

Flammability

Fire Hazards	Not flammable.

SAFE HANDLING INFORMATION

Storage and Transport

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

Spills and Disposal

Spills & Disposal	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.
Disposal	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.

Fire/Explosion Hazard

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

OTHER INFORMATION

Toxicology	Diethylene glycol - Acute oral LD50 (rat) 12,565mg/kg Hydroquinone - Acute oral LD50 (rat) 320mg/kg Potassium carbonate - Acute oral LD50 (rat) 1870mg/kg
Risk Statement	None allocated.
Hazard Category	None allocated.
Other Information	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.
References	Source MSDS: G150 Developer/Replenisher 3554/04 03May2000 Author : Agfa-Gevaert NV Septestraat 27 B-2640 Mortsel Belgium

CONTACT POINT

Contact	Hazardous Goods Controller

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.

End of MSDS