



Material Safety Data Sheet

VIRADON NEW TONER (Concentrate)

Infosafe no. 1AGK8 **Issue Date** July 2001 **Status** ISSUED by AGFA

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 VIRADON NEW TONER (Concentrate)

Proper

Shipping Name CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. - (CONTAINS SODIUM POLYSULFIDE)

Other Names Name**Product Code**

VIRADON NEW TONER 8 x 125ML

5FSXX

UN Number 3266

DG Class 8

Packing

Group III

Hazchem

Code 2X

Poisons

Schedule Not Scheduled

Product Use Photographic brown toner. Concentrate.

Physical Data

Appearance Red to brown liquid.

Melting Point Below 0°C

Boiling Point	Above 100°C
Vapour Pressure	Approx. 23mbar
Specific Gravity	1.150
Flash Point	Not determined. Aqueous solution.
Solubility in Water	Miscible at all ratios.

Other Properties

pH Value	Approx. 11.4
Odour	Smell of hydrogen sulfide. Foul smelling.
Form	Liquid
Materials to Avoid	Contact with acids produces hydrogen sulfide (toxic gas). Contact with metals causes corrosion.

Ingredients

Ingredients	Name	CAS	Proportion
	Sodium polysulfide	1344-08-7	20-25 %
	Water	7732-18-5	(To 100%)

HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed	Harmful if swallowed. Strong irritation or burns to the mouth, throat and stomach.
Acute - Eye	Severe corrosive effects to the eyes.
Acute - Skin	Severely corrosive to the skin.
Acute - Inhaled	May cause irritation to the respiratory system.
Chronic	Prolonged exposure may cause irritation to the eyes, skin and respiratory system.

First Aid

Swallowed	If swallowed, do not induce vomiting. Give a glass of water to drink and seek medical attention immediately.
Eye	If in eyes, immediately hold eyes open, flood with water for at least 15 minutes and see a doctor.
Skin	If skin contact occurs, remove contaminated clothing and wash skin thoroughly. If symptoms persist see a doctor.
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.
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Other Health Hazard Information

PRECAUTIONS FOR USE

Exposure Limits	None allocated.
Eng. Controls	Use only in a well-ventilated area. For professional and industrial workrooms ventilation is recommended at a rate of at least 10 room air changes per hour.

Personal Protection

Eye Protection	Avoid contact with eyes. Wear splash proof safety goggles conforming to standard AS1337.
Glove Type	Avoid contact with skin. Wear gloves of impervious material such as natural rubber conforming to standard AS2161.

Flammability

Fire Hazards	Not combustible. Aqueous solution.
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SAFE HANDLING INFORMATION

Storage and Transport

Storage Precautions	Keep container tightly closed. Avoid contact with acids and oxidizing agents.
Proper Shipping Name	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. - (CONTAINS SODIUM POLYSULFIDE)
IERG Number	37
Packaging Method	3.8.8

Spills and Disposal

Spills & Disposal	<p>Wear protective gloves and eye goggles as describedd under 'Precautions for Use'.</p> <p>Large Spills - Apply inert absorbent material such as sand or vermiculite to contain and soak up the spill. Collect waste into a container for disposal. Wash away residue with water or wipe up with a cloth.</p> <p>Small Spills - Wash away with water or wipe up with a cloth.</p> <p>Clean contaminated surfaces.</p> <p>Disposal - Waste material should be disposed of in accordance with local regulations.</p>
Disposal	Unwanted toner 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

Hazardous Decomposition or Byproducts	Formation of hydrogen sulfide and sulfur dioxide during a fire.
Extinguishing Media	No restriction on type of extinguisher used.
Hazchem Code	2X

OTHER INFORMATION

Risk Statement Sodium polysulfide
R31 Contact with acids liberates toxic gas.
R34 Causes burns.

**Hazard
Category** Corrosive

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
