L5000b LITHOSTAR ULTRA DEVELOPER

SUBID:000000007430

Version 1 Print Date 11-27-2013

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SECTION 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Identification of the substance or mixture:

Product name : L5000b LITHOSTAR ULTRA DEVELOPER
MSDS Number : 000000007430

1.2 Use of the substance/mixture:

Use of the Substance/Preparation : Offset plate developer solution
Business group : GS

1.3 Company/undertaking identification

Agfa Corporation
611 River Drive
Center 3
Elmwood Park, NJ 07407
U.S.A.

Transport Emergency

Call CHEMTREC : +1 800 4249300
International : +1 703 5273887

Non-transportation

Health Emergency Phone : +1 303 6235716
Agfa Information Phone : +1 201 4402500

SECTION 2. HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

GHS (Globally Harmonized System of Classification and Labelling of Chemicals)	
• Hazard classes	Carcinogenicity
Hazard categories	Category 2
Hazard statements	H351
• Hazard classes	Skin sensitizer
Hazard categories	Category 1
Hazard statements	H317
• Hazard classes	Germ cell mutagenicity
Hazard categories	Category 2
Hazard statements	H341
• Hazard classes	Serious eye irritation
Hazard categories	Category 2
Hazard statements	H319

2.2 Label elements:

Hazardous components which must be listed on the label :

- CAS-No. : 123-31-9 Hydroquinone

Symbol(s)

GHS07

GHS08

Signal word	:	WARNING	
Hazard statements	:	H351	Suspected of causing cancer.
		H317	May cause an allergic skin reaction.
		H319	Causes serious eye irritation.
		H341	Suspected of causing genetic defects.
Precautionary statements: prevention	:	P201	Obtain special instructions before use.
		P202	Do not handle until all safety precautions have been read and understood.
		P261	Avoid breathing dust/fume/gas/mist/vapors/spray.
		P272	Contaminated work clothing should not be allowed out of the workplace.
		P280	Wear protective gloves/protective clothing/eye protection/face protection.
Precautionary statements: response	:	P308+P313	IF exposed or concerned: Get medical advice/attention.
		P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
		P337+P313	If eye irritation persists: Get medical advice/attention.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Mixture related information:

Aqueous offset plate developer solution, mainly consisting of:

3.2 Hazard ingredients:

The hazard and labelling information in this section is that of the individual ingredients. The corresponding information relative to this product as supplied is given in section 2.1.

Hazardous components

- Hydroquinone Concentration [%] : 1.0 - 5.0

CAS-No.	:	123-31-9
Hazard classes	:	CarcinogenicityGerm cell mutagenicityAcute toxicity OralSerious eye damageSkin sensitizerAcute hazards to the aquatic

		environment, Germ cell mutagenicity, Acute toxicity Oral, Serious eye damage, Skin sensitizer, Acute hazards to the aquatic environment
Hazard categories	:	Category 2, Category 2, Category 4, Category 1, Category 1, Category 1
Hazard statements	:	H351, H341, H302, H318, H317, H400

- 1-Phenyl-4-methyl-3-pyrazolidone Concentration [%] : 0.1 - 0.5

CAS-No.	:	2654-57-1
Hazard classes	:	Acute toxicity OralSkin sensitizerChronic hazards to the aquatic environment, Skin sensitizer, Chronic hazards to the aquatic environment
Hazard categories	:	Category 4, Category 1, Category 2
Hazard statements	:	H302, H317, H411

Components with a community workplace exposure limit

- Hydroquinone
- Potassium aluminum sulphate

3.3 Remark:

Full text of each relevant H-phrase is listed in section 16.

SECTION 4. FIRST AID MEASURES

4.1 Description of first aid measures:

Eye contact	:	Immediately flush eye(s) with plenty of water. Consult an oculist if necessary.
Skin contact	:	Wash off with soap and water.
Ingestion	:	Rinse mouth with plenty of water. Consult a physician if necessary. Do not induce vomiting.
Inhalation	:	Take person to fresh air. If necessary, seek medical advice.

4.2 Most important symptoms and effects:

Symptoms	:	Sensitizing.

4.3 Indication of immediate medical attention and special treatment needed:

General advice	:	Call a physician immediately.

SECTION 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media	:	Alcohol-resistant foam., Carbon dioxide (CO2)., Dry extinguishing powder., Water.
Extinguishing media which	:	Do not use a solid water stream as it may scatter and spread fire.

must not be used for safety reasons

5.2 Special hazards arising from the substance or mixture:

Specific hazards during fire fighting	:	In case of fire, thermal decomposition with emission of hazardous fumes is possible (e.g. SO2).
Further information	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

5.3 Advice for fire-fighters:

Special protective equipment for fire-fighters	:	Regular fire intervention clothes.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures:

Personal precautions	:	Cleanup personnel must use appropriate personal protective equipment.
Additional advice	:	Observe normal precautions when handling chemicals.

6.2 Environmental precautions:

Environmental precautions	:	The product should not be allowed to enter drains, water courses or the soil.

6.3 Methods and material for containment and cleaning up:

Methods for cleaning up	:	Dike the spill if necessary. If spill occurs, apply a suitable absorbent material and collect into an impervious waste container. Collect the product in a plastic vessel. Carefully collect leftovers.

6.4 Reference to other sections:

For waste disposal see section 13.
For personal protection see section 8.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for safe handling:

Advice on safe handling	:	Prevent product from diffusing.
Hygiene measures	:	Observe normal precautions when handling chemicals.Keep away from foodstuffs, drinks and tobacco.Employees should wash their hands and face before eating, drinking, or using tobacco products.
Advice on protection against fire and explosion	:	Non-combustible (aqueous solution).

7.2 Conditions for safe storage:

Requirements for storage areas and containers	:	Keep container tightly closed.Keep in a dry place.
Further information on storage conditions	:	Keep container in a well-ventilated place.
Advice on common storage	:	Store away from strong acids and strong oxidizing agents (e.g. sodium hypochlorite).

7.3 Specific end use:

This substance is used only by trained professionals under restricted conditions.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters:

8.1.1 Components with occupational exposure limits rsp. biological occupational exposure limits requiring monitoring:

8.1.1.1 Occupational exposure limits:

Air limit values (US)

- Hydroquinone CAS-No.: 123-31-9

Basis	Revision Date	Value	Type
ACGIH	2008	1 mg/m3	TWA
OSHA Z1	06 1993	2 mg/m3	PEL
OSHA Z1A	1989	2 mg/m3	TWA
TN OEL	06 2008	2 mg/m3	TWA

- Potassium aluminum sulphate CAS-No.: 10043-67-1

Basis	Revision Date	Value	Type
OSHA Z1A	1989	2 mg/m3	TWA
ACGIH	2009	1 mg/m3	TWA
TN OEL	06 2008	2 mg/m3	TWA

Air limit values (CA)

- Hydroquinone CAS-No.: 123-31-9

Basis	Revision Date	Value	Type
OEL (QUE)	12 2008	2 mg/m3	TWA
CAD BC OEL	07 2007	1 mg/m3	TWA
CAD SK OEL	05 2009	2 mg/m3	8 HR ACL
CAD SK OEL	05 2009	4 mg/m3	15 MIN ACL

CAD MB OEL	03 2011	1 mg/m3	TWA

- Potassium aluminum sulphate CAS-No.: 10043-67-1

Basis	Revision Date	Value	Type
CAD AB OEL	10 2003	2 mg/m3	TWA
OEL (QUE)	12 2008	2 mg/m3	TWA
CAD SK OEL	05 2009	10 mg/m3	8 HR ACL
CAD SK OEL	05 2009	20 mg/m3	15 MIN ACL
CAD BC OEL	07 2007	1 mg/m3	TWA
CAD MB OEL	03 2011	1 mg/m3	TWA
CAD SK OEL	05 2009	2 mg/m3	8 HR ACL
CAD SK OEL	05 2009	4 mg/m3	15 MIN ACL

Biological limit values (US)

We are not aware of any national exposure limit.

Biological limit values (CA)

We are not aware of any national exposure limit.

8.1.1.2 Additional exposure limits under the conditions of use:

No other exposure limits applicable.

8.2 Exposure controls:

Occupational exposure controls:

➢ **Instruction measures to prevent exposure:**

Employees should wash their hands and face before eating, drinking, or using tobacco products. Keep away from foodstuffs, drinks and tobacco.

➢ **Technical measures to prevent exposure:**

Ensure adequate ventilation.

➢ **Personal measures to prevent exposure:**

Respiratory protection	:	Under normal conditions of use, respirator protection is not required.
Hand protection	:	Use chemical resistant gloves. In case of prolonged immersion or frequently repeated contact use gloves made of the materials: butyl rubber (thickness >= 0.36 mm, breakthrough time > 480 min), nitrile rubber (thickness >= 0.38 mm, breakthrough time > 480 min) or neoprene (thickness >= 0.65 mm, breakthrough time > 240 min). For intermittent splash protection corresponding gloves with

		breakthrough times > 60 min can be used. Avoid gloves made of: natural latex.
Eye protection	:	Safety goggles. EN 166.
Body Protection	:	Safety clothes.
Personal protective equipment	:	Observe normal precautions when handling chemicals.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic physical and chemical properties:

9.1.1 Appearance:

State of matter	:	Liquid
Form	:	Liquid.
Color	:	Colourless.
Odor	:	Odourless.
Odor threshold	:	No data available

9.1.2 Important health, safety and environmental information:

pH (25 °C)	:	12.7	Method: Literature.
Melting point/range	:	< 0 °C	Method: Literature.
Boiling point/range	:	> 100 °C	Method: Literature.
Flash point	:	Not applicable	
Autoignition temperature	:	No data available	
Vapour pressure (20 °C)	:	23.00 hPa	Method: Literature.
Relative vapour density	:	No data available	
Relative density (20 °C)	:	1.144	Method: Literature.
Density	:	No data available	
Solubility/qualitative	:	Miscible with water at all ratios.	
Water solubility	:	No data available	
Partition coefficient (n-octanol/water)	:	No data available	
Viscosity, dynamic	:	No data available	
Viscosity, kinematic	:	No data available	
Lower explosion limit	:	No data available	
Upper explosion limit	:	No data available	
Evaporation rate	:	No data available	
Flammability (solid, gas)	:	Not flammable.	

9.2 Other information:

VOC content	:	29.7 g/l VOC content excluding water

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity:

Reactivity	:	Reactivity is not to be expected under normal conditions of temperature and pressure.

10.2 Chemical stability:

Stability	:	The product is stable under normal conditions of storage and use.

10.3 Possibility of hazardous reactions:

Hazardous reactions	:	no data available

10.4 Conditions to avoid:

Conditions to avoid	:	Reacts with oxidisers. Reacts with amines. Can react with alcali. Can react with bases.

10.5 Materials to avoid:

Materials to avoid	:	Store away from strong acids.Store away from oxidizing agents.

10.6 Hazardous decomposition products:

Hazardous decomposition products	:	Sulphur dioxide

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Toxicity data specific for individual ingredients in their pure state:

Toxicokinetics, metabolism and distribution:

- Hydroquinone

Toxicokinetic studies with hydroquinone show that although it is readily absorbed from the gut of animals it has a low potential for bioaccumulation (< 2% distributed out of total administered dose). Extensive conjugation and rapid excretion, primarily via the urine, suggests that hydroquinone is effectively detoxified.
However, because hydroquinone is oxidized to p-benzosemiquinone and/or p-benzoquinone, which are able to readily react with nucleophilic body components, it represents a potentially harmful toxicant. Indeed, hydroquinone and/or its metabolites covalently bind to cellular components in vitro.
It is, therefore, possible that although the bioaccumulation potential of hydroquinone is low critical body components may still be adversely affected.

- 1-Phenyl-4-methyl-3-pyrazolidone

No data available

Acute effects (toxicity tests):

➢ **Acute Toxicity**

- Hydroquinone

	Effect dose	Species	Value	Method
Acute oral toxicity	LD50	rat	320 mg/kg	Literature.
Acute dermal toxicity	LD50	cat	5,970 mg/kg	Literature.
	Based on available data, the classification criteria are not met.			
Acute inhalation toxicity	It was demonstrated that during intended and foreseen applications, no respirable aerosol is formed. Inhalation of airborne droplets may cause irritation of the respiratory tract.			

- 1-Phenyl-4-methyl-3-pyrazolidone

	Effect dose	Species	Value	Method
Acute oral toxicity	LD50	rat	627 mg/kg	Literature.
Acute dermal toxicity	No data available			
Acute inhalation toxicity	No data available			

➢ **Specific target organ toxicity (STOT):**

- Hydroquinone

Specific effects	Affected organs
Product dust may be irritating to eyes, skin and respiratory system.	

- 1-Phenyl-4-methyl-3-pyrazolidone

Specific effects	Affected organs
No data available	

➢ **Irritant and corrosive effects:**

	Exposure time	Species	Evaluation	Method
Primary irritation to the skin	slight irritation	rabbit	No skin irritation	OECD Test Guideline 404

➢ **Irritation to the respiratory tract:**

- Hydroquinone

No data available

- 1-Phenyl-4-methyl-3-pyrazolidone

No data available

➢ **Sensitisation:**

- Hydroquinone

Species	Evaluation	Method
	May cause sensitisation by skin contact.	Tested according to Annex V of Directive 67/548/EEC.

- 1-Phenyl-4-methyl-3-pyrazolidone

Species	Evaluation	Method
	Causes sensitization on guinea-pigs.	Literature.

➢ **Aspiration hazard:**

- Hydroquinone

No data available

- 1-Phenyl-4-methyl-3-pyrazolidone

No data available

Sub-acute, sub-chronic and chronic toxicity

➢ **Repeated dose toxicity:**

- Hydroquinone

No data available

- 1-Phenyl-4-methyl-3-pyrazolidone

No data available

➢ **Specific target organ toxicity (STOT):**

- Hydroquinone

Skin contact can cause (damage skin and allergic reaction) eczema. Hydroquinione can affect the bone marrow and other blood-producing organs, resulting in reduction of red blood cells and blood dye concentrations. Discoloration of the skin may occur. There is evidence that hydroquinone is carcinogenic. May damage the genetic characteristics.

- 1-Phenyl-4-methyl-3-pyrazolidone

No information available.

➢ **CMR effects (carcinogenity, mutagenicity and toxicity for reproduction):**

- **Carcinogenicity**

- Hydroquinone

Formation of benign kidney tumors occurred only after nephropathy developed and only in one strain of male rat. Additional effects have been reported. Although an increase in leukemia was reported in the female F-344 rat, this result was not reproduced in a subsequent study. There was no evidence of cancer in male mice following chronic oral administration. Increases in primarily benign tumors were noted in female mice, although this finding was not reproduced in a subsequent study. No tumors were reported in mice following long-term dermal application.

- 1-Phenyl-4-methyl-3-pyrazolidone

No data available

- **Mutagenicity**

- Hydroquinone

Studies using the 'Ames' test were generally negative.There is some evidence for mutagenicity from studies in animals, in isolated cells taken from animals and plants, and in other microorganisms.

- 1-Phenyl-4-methyl-3-pyrazolidone

No data available

- **Genetic toxicity in vitro**

- Hydroquinone

Type	Test system	Concentration	Result
Ames test	Escherichia coli WP2 uvr A; Salmonella typhimurium TA98, TA100, TA535, TA1537 Method: Literature.		negative

- 1-Phenyl-4-methyl-3-pyrazolidone

No data available

- **Genetic toxicity in vivo**

- Hydroquinone

No data available

- 1-Phenyl-4-methyl-3-pyrazolidone

No data available

- **Teratogenicity**

- Hydroquinone

Has not caused birth defects when administered orally at dose levels not causing systemic toxicity in the mother.

- 1-Phenyl-4-methyl-3-pyrazolidone

No data available

- **Toxicity to reproduction**

- Hydroquinone

Has not caused reproductive effects in male or female animals when administered orally at dose levels not causing systemic toxicity

- 1-Phenyl-4-methyl-3-pyrazolidone

No data available

➢ **Summarised evaluation of the CMR properties:**

- Hydroquinone

Carcinogenicity	:	Considered as a suspected human carcinogen according to the American Conference of Industrial Hygienists (ACGIH).
Mutagenicity	:	Tests on bacterial or mammalian cell cultures did not show mutagenic effects.
Teratogenicity	:	Did not show teratogenic effects in animal experiments.
Toxicity to reproduction	:	No toxicity to reproduction

- 1-Phenyl-4-methyl-3-pyrazolidone

Carcinogenicity	:	No data available
Mutagenicity	:	No data available
Teratogenicity	:	No data available
Toxicity to reproduction	:	No data available

Experiences made in practice:

There is insufficient scientific evidence for classifying hydroquinone as a suspected carcino- or mutagenic substance in humans. Epidemiologic studies over a period of 48 years, wherin -during manufacturing and use of hydroquinone- more than 800 human individuals were daily exposed at significant airborne concentrations (greater than the occupational threshold of 2 mg/m³), demonstrated that such exposure is not associated with the induction of cancer in humans.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Ecotoxicity:

	Effect dose	Exposure time	Species	Value
Toxicity to daphnia	EC50	48 h	Daphnia magna	> 100 mg/l
	Method: OECD Test Guideline 202 The acute aquatic toxicity has been determined according a GLP study of the Daphnia immobility test OECD 202 (Test code DAC 12 002) on the mixture as a whole. Based on available data, the classification criteria are not met.			

12.2 Persistence and degradability:

Physico-chemical removability

- Hydroquinone

The product can be eliminated from water by abiotic processes, e.g. adsorption on activated sludge.

- 1-Phenyl-4-methyl-3-pyrazolidone

Chemical Oxygen Demand (COD)

- Hydroquinone

Value	Method
> 1,830 mg/l	Literature.

- 1-Phenyl-4-methyl-3-pyrazolidone

No data available

Adsorbed organic bound halogens (AOX)

- Hydroquinone

Product does not contain any organic halogens.

- 1-Phenyl-4-methyl-3-pyrazolidone

Product does not contain any organic halogens.

Biodegradation

Value	Exposure time	Method	Evaluation
		OECD 301D Assessment of biological degradability	Readily biodegradable.

Biochemical Oxygen Demand (BOD)

- Hydroquinone

Concentration	Incubation time	Value	Method
		> 480 mg/l	Literature.

- 1-Phenyl-4-methyl-3-pyrazolidone

No data available

12.3 Bioaccumulative potential:

Partition coefficient (n-octanol/water)

No data available

Bioconcentration factor (BCF)

- Hydroquinone

Value	Species	Method

40	Literature. Bioaccumulation is unlikely. Accumulation in aquatic organisms is unlikely. Accumulation in terrestrial organisms is unlikely.

- 1-Phenyl-4-methyl-3-pyrazolidone

No data available

12.4 Mobility in soil:

- Hydroquinone

This product will show high soil mobility and will be degraded through photolysis and oxidation processes from the ambient atmosphere on the surface.Volatilization of hydroquinone from either moist or dry soil is not expected to occur to any significant extent.

- 1-Phenyl-4-methyl-3-pyrazolidone

No information available.

Henry's constant

- Hydroquinone

Value	Temperature	Method
< 0.000134 hPa	25 °C	

Transport between environmental compartments

- Hydroquinone

Type	Medium	Value Method
		Koc: 9 Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground-water contamination. Transport between environmental compartments can be expected.

- 1-Phenyl-4-methyl-3-pyrazolidone

No data available

12.5 Results of PBT and vPvB assessment:

- Hydroquinone

This product does not meet the criteria concerning PBT or vPvB substances as described in Annex XIII of the REACH regulation (1907/2006 EC)

- 1-Phenyl-4-methyl-3-pyrazolidone

This product does not meet the criteria concerning PBT or vPvB substances as described in Annex XIII of the REACH regulation (1907/2006 EC)

12.6 Other adverse effects:

- Hydroquinone

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Avoid infiltration in to drinking supplies, waste water or soil.

- 1-Phenyl-4-methyl-3-pyrazolidone

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. This substance is not in Annex I of Regulation (EC) 2037/2000 on substances that deplete the ozone layer.

SECTION 13. DISPOSAL CONSIDERATIONS

Waste disposal methods

Do not release into drain. Collect for removal by a licensed waste contractor. Effluent regulations/discharge/treatment/contents may vary from one area to another. Please consult the local regulations regarding the disposal of this material.

Empty containers.

As the packaging can be contaminated with product residus, please observe the warnings of the label even when the container is empty. Do not reuse empty container without proper cleaning. Label precautions also apply to this container when empty.

US. RCRA Hazardous Waste Classification (40 CFR 261)

When discarded in its purchased form, this product meets the criteria of corrosivity, and should be managed as a hazardous waste (EPA Hazardous Waste Number D002).

SECTION 14. TRANSPORT INFORMATION

Not regulated according to IMO/IMDG.
Not regulated according to ICAO/IATA aircraft only.
Not regulated according to ICAO/IATA passenger and cargo aircraft.
Not Regulated according to US Department of Transportation (DOT) 49 CFR
Not regulated according to Transport of Dangerous Goods (TDG)

SECTION 15. REGULATORY INFORMATION

US. Toxic Substances Control Act (TSCA)

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substance Control Act (U.S, EPA TSCA) inventory.

US. OSHA Classification

This product is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29 CFR 1910.1200.

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A)

- Hydroquinone : Threshold planning quantity, lower value: 500 lbs
- : Threshold planning quantity, upper value: 10,000 lbs

US. SARA 311/312 Hazard Categories

Acute Health Hazard.

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 CFR 372.65) - Supplier Notification Required

- Hydroquinone : De minimis concentration: 1.0 %
- : Reportable threshold: 10,000 lbs
- : Reportable threshold: 25,000 lbs

US. EPA CERCLA Hazardous Substances (40 CFR 302)

- Hydroquinone : Reportable quantity: 100 lbs

State Right-to-Know Information

The following chemicals are specifically listed by individual states. Other product specific health and safety data in other sections of the MSDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

US. Massachusetts Commonwealth's Right-to-Know Law (Appendix A to 105 Code of Massachusetts Regulations Section 670.000)

	CAS-No.	Concentration [%]
• Hydroquinone	123-31-9	>= 1.0 - <= 5.0

US. Pennsylvania Worker and Community Right-to-Know Law (34 Pa. Code Chap. 301-323)

	CAS-No.	Concentration [%]
• Hydroquinone	123-31-9	>= 1.0 - <= 5.0
• Potassium aluminum sulphate	10043-67-1	>= 1.0 - <= 5.0

US. Rhode Island Hazardous Substances Right-to-Know Act (R.I. Gen. Laws Section 28-21-1 et. seq.)

	CAS-No.	Concentration [%]
• Hydroquinone	123-31-9	>= 1.0 - <= 5.0

US. Massachusetts, New Jersey, Pennsylvania or Rhode Island Right to Know Substance Lists : See Section 2.

Canadian WHMIS Classification

E : Corrosive material
D1B : Toxic Material Causing Immediate and Serious Toxic Effects

Canadian Environmental Protection Act (CEPA)

All components of this product are on the Canadian DSL list.

SECTION 16. OTHER INFORMATION

Text of H-phrases referred to under headings 2 and 3:

H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H341	Suspected of causing genetic defects.
H351	Suspected of causing cancer.
H400	Very toxic to aquatic life.
H411	Toxic to aquatic life with long lasting effects.

This MSDS is replacing Agfa MSDS number 745G

This information is furnished without warranty, expressed or implied, and is believed to be accurate to the best knowledge of Agfa Corporation. The data on this SDS relates only to the specific material designated herein. Agfa Corporation assumes no legal responsibility for use or reliance upon these data. This product has been classified according to the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.