

MATERIAL SAFETY DATA SHEET**Paper Red A4G liq**

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Substance key: CLT115262-V3
Version : 1 - 1 / CDNRevision Date: 12/22/2010
Date of printing :12/22/2010**WHMIS controlled:** yes
Class: D 2A
D 2B**Section 01 - Product Information****Identification of the company:**Clariant (Canada) Inc.
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Toronto, Ontario, M9C 5R9
Telephone No.: +1 514-832-2559**Information of the substance/preparation:**ESHA
Phone (514) 832 2559, Fax (704) 330 1505
Canada.PS@Clariant.com**Emergency tel. number:** +1 CANUTEC (613) 996-6666**Trade name:** Paper Red A4G liq
Material number: 154839
Chemical family: azo dyestuff
reactive
Primary product use: Inks**Section 02 - Composition information on hazardous ingredients****Hazardous ingredients:**

Component	CAS number	Concentration
C.I. Reactive Red 120	68214-04-0	10 - 30 %
Triethanolamine	102-71-6	1 - 5 %

Component toxicity information:

Triethanolamine (102-71-6)

Acute oral toxicity: LD50 8,000 mg/kg (rat)**Section 03 - Hazards identification****Health effects of exposure:**

Eye and skin contact may cause irritation. Inhalation of the product as aerosol or dust may cause a serious sensitization in certain individuals resulting in asthma attack or shock.

Listed carcinogen:IARC: No
NTP: No
OSHA: No
Other: No

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Section 04 - First aid measures

After inhalation:

Get victim to fresh air. If breathing is difficult administer oxygen. If victim is not breathing, give mouth to mouth resuscitation. Get prompt medical attention. If victim has asthmatic symptoms, take to a medical facility immediately and advise the physician of the possibility of a respiratory sensitization reaction.

After contact with skin:

Remove contaminated clothing and wash affected area with soap and water until clean. Wash clothing thoroughly before reuse.

After contact with eyes:

Immediately wash the eyes with flowing water for at least 15 minutes. Insure proper irrigation by occasionally lifting upper and lower eyelids. Thereafter seek prompt medical attention.

After ingestion:

If conscious, give the patient 1-2 glasses of water and call a doctor. Never give anything by mouth to an unconscious person. Induce vomiting only at the instructions of a doctor or nurse.

Advice to doctor / Treatment:

None known.

Section 05 - Fire fighting measures

Flashpoint:	not tested.
Lower explosion limit:	not tested.
Upper explosion limit:	not tested.
Ignition temperature:	not tested.
Extinguishing media:	water Alcohol resistant foam carbon dioxide Dry Chemical Water / Fog Spray
Unusual fire and explosion hazards:	None known.

Hazardous combustion products:

Thermal decomposition may produce oxides of carbon, nitrogen, and sulfur, and also compounds of chlorine.

Section 06 - Accidental release measures

Steps to be taken in case of spill or leak:

Contain spill and pump into proper containers using compatible equipment. Smaller spills may be recovered using inert absorbent material. Wash spill area. Wear prescribed protective gear.

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Avoid breathing vapors and contact with skin, eyes, and clothing.

Further info on storage conditions:

Keep container tightly closed; open and handle with care

Section 08 - Exposure controls / personal protection

Respiratory protection:	If airborne concentrations pose a health hazard, become irritating or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29 CFR 1910.134. For high concentrations as well as fire fighting and other emergencies, use positive pressure, self-contained breathing apparatus.
Hand protection:	Butyl Rubber, PVC or Neoprene
Eye protection:	Chemical goggles (monogoggles).
Other protective equipment:	Wear clothing suitable to avoid skin contact.
Advice on system design:	Local ventilation recommended - mechanical ventilation may be used.

Section 09 - Physical and chemical properties

Form:	Liquid
Color:	dark red
Odor:	No odor.
pH:	6.0 - 9.5
Solubility in water:	miscible
Melting point :	not determined
Freezing point :	not determined
Boiling point :	> 100 °C

Section 10 - Stability and reactivity

Chemical stability:	Stable.
Hazardous Polymerization:	Will not occur. Conditions to avoid: None known.

Section 11 - Toxicological information

Acute oral toxicity:	LD50 > 2,000 mg/kg (rat) Method: OECD 420
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Skin irritation: non-irritant (rabbit)
Method: OECD 404

Eye irritation: non-irritant (rabbit)
Method: OECD 405

Section 12 - Ecological information

Fish toxicity: 643 mg/l (96 h, Pimelphales promelas)

Section 13 - Disposal considerations**Waste disposal information:**

Small quantities may be treated in aerobic wastewater treatment systems. Larger quantities may be incinerated or landfilled after solidification in approved sites. Follow local regulations.

Recommended disposal is by incineration in an approved facility. Follow local regulations.

Section 14 - Transport information

TDG not restricted

IATA not restricted

IMDG not restricted

Section 15 - Regulatory information**Registration status**

DSL: yes
NDSL: no

CEPA

Listed as priority substance: no
Listed as toxic substance: no

NPRI no

TSCA Status:

All components of this product are listed on the TSCA Inventory.

FDA:

Permitted for Use per
Section: NONE
This product is not registered with the FDA.

Section 16 - Other information

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WHMIS

MAY CAUSE SKIN, EYE OR RESPIRATORY TRACT IRRITATION
MAY CAUSE SENSITIZATION

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