

MATERIAL SAFETY DATA SHEET**Cartafix WA liq**

Page 1

Substance key: CLT261222-V2
Version : 1 - 1 / CDNRevision Date: 05/13/2011
Date of printing :07/05/2012**WHMIS controlled:** yes
Class: D 2B**Section 01 - Product Information****Identification of the company:**Clariant (Canada) Inc.
2 Lone Oak Court
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:** Cartafix WA liq
Material number: 000000000000155516
Chemical family: Cationic Methylene Guanidine
Primary product use: Auxiliary Chemical**Section 02 - Composition information on hazardous ingredients****Hazardous ingredients:**

Component	CAS number	Concentration
Guanidine, cyano-, polymer with ammonium chloride ((NH ₄)Cl) and formaldehyde	55295-98-2	15 - 40 %

Section 03 - Hazards identification**Health effects of exposure:**

Contact with skin or eyes will cause irritation. Inhalation of vapours or mists may irritate the respiratory tract.

Listed carcinogen:IARC: No
NTP: No
OSHA: No
Other: No**Section 04 - First aid measures****After inhalation:**

Get victim to fresh air. Give artificial respiration or oxygen if breathing has stopped or is difficult. Get prompt medical attention. Do not give fluids if victim is unconscious.

MATERIAL SAFETY DATA SHEET

Cartafix WA liq

Page 2

Substance key: CLT261222-V2
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After contact with skin:

Remove contaminated clothing and wash affected areas with soap and plenty of water for at least 15 minutes. If redness or skin irritation occurs, seek medical attention.

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 ingested, do not induce vomiting. Get immediate medical assistance.

Advice to doctor / Treatment:

None known.

Section 05 - Fire fighting measures

Flashpoint:	> 96 °C Method: TCC
Lower explosion limit:	not tested.
Upper explosion limit:	not tested.
Ignition temperature:	not tested.
Extinguishing media:	water Alcohol resistant foam carbon dioxide Dry Chemical
Unusual fire and explosion hazards:	None known.
Hazardous combustion products:	Thermal decomposition may produce oxides of carbon and nitrogen.

Section 06 - Accidental release measures

Steps to be taken in case of spill or leak:

Wear suitable protective equipment. Ensure adequate ventilation. Contain spill and pump into proper containers using compatible equipment. Smaller spills may be recovered using inert absorbent material (sand, sawdust) and collected into suitable containers. Wash spill area. Do not allow the product to enter sewers or waterways.

Section 07 - Handling and storage

Advice on safe handling:

Avoid breathing vapors and contact with skin, eyes, and clothing.
Prevent from freezing.

Further info on storage conditions:

Keep container tightly closed in a cool, well-ventilated place, open and handle carefully.

MATERIAL SAFETY DATA SHEET**Cartafix WA liq**

Page 3

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Respiratory protection:	Wear an approved respirator when exposed to vapours or to mists beyond the TLV. Use appropriate filters. Do not exceed filters limitations. TLV = Threshold Limit Value
Hand protection:	Rubber or Plastic
Eye protection:	Wear safety glasses with side-shields.
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:	colourless
Odor:	Sharp odor
pH:	3.0 - 5.0
Solubility in water:	completely soluble
Density:	not tested.
Boiling point :	100 °C

Section 10 - Stability and reactivity

Chemical stability:	Stable.
Hazardous Polymerization:	Will not occur. Conditions to avoid: None known.
Incompatibility with (Conditions to avoid) :	Strong oxidizing agents.

Section 11 - Toxicological information

Acute oral toxicity:	LD50 (rat) not tested.
Skin irritation:	irritant The product has not been tested. The information is derived from the properties of the individual components.
Eye irritation:	irritant The product has not been tested. The information is derived from the properties of the individual components.

Section 12 - Ecological information

MATERIAL SAFETY DATA SHEET

Cartafix WA liq

Page 4

Substance key: CLT261222-V2
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Biodegradation: < 10 % (DOC)
Fish toxicity: 1 - 10 mg/l (96 h, rainbow trout)
By analogy with a similar product.

Section 13 - Disposal considerations

Waste disposal information:

Wastes may be incinerated or landfilled after solidification in approved sites. 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

WHMIS



CAUSES SKIN AND EYE IRRITATION
MAY CAUSE PERMANENT EYE DAMAGE.

MATERIAL SAFETY DATA SHEET**Cartafix WA liq**

Page 5

Substance key: CLT261222-V2
Version : 1 - 1 / CDN

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