

MATERIAL SAFETY DATA SHEET**Ekalin F liq**

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Substance key: KS14446
Version : 1 - 2 / CDNRevision Date: 12/15/2010
Date of printing :12/22/2010**WHMIS controlled:** no**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
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Canada.PS@Clariant.com**Emergency tel. number:** +1 CANUTEC (613) 996-6666**Trade name:** **Ekalin F liq**
Material number: 101620
Chemical family: alcohol polyglycoether
nonionic
Primary product use: Textile auxiliary**Section 02 - Composition information on hazardous ingredients****Hazardous ingredients:**

The product does not contain hazardous components.

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

Any available toxicological data is shown in Section 11. No other information was found in the public literature for any effects of exposure and no health evaluation is thus possible. Therefore, handle with care and avoid unnecessary exposures.

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.

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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: no flash point up to the boiling point Method: S-PENSKY-MARTENS (closed cup)

Extinguishing media: all

Special fire fighting procedure:
This product is not combustible

Hazardous combustion products:
carbon oxides

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:
No special measures required.

Further info on storage conditions:
Keep container tightly closed in a cool, well-ventilated place

Section 08 - Exposure controls / personal protection

Respiratory protection: Wear an approved respirator if vapours or mists are generated when handling or processing this product. Use appropriate filters. Do not exceed filters limitations.

Hand protection: Butyl Rubber, PVC or Neoprene

Eye protection: Wear safety glasses with side-shields.

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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: aqueous solution

Color: light yellow

Odor: none

pH: 7 - 8 (20 °C, 150 g/l)

Solubility in water: miscible

Density: 1.03 g/cm³ (20 °C, 1,013 hPa)

Melting point : not applicable

Boiling point : app. 100 °C

Section 10 - Stability and reactivity

Chemical stability: Stable.

Hazardous decomposition products When used and handled as intended, none.

Section 11 - Toxicological information

Acute oral toxicity: LD50 > 7,500 mg/kg (rat)
Method: 1999/45/EC

Skin irritation: non-irritant (rabbit)
Method: 1999/45/EC

Eye irritation: non-irritant (rabbit)
Method: 1999/45/EC

Section 12 - Ecological information

Biodegradation: 86 % (28 d)
Method: OECD 310
Data Of The Active Component

Biodegradation: 77 % (BOD in % of COD)
readily degradable
Method: OECD 301 F

Fish toxicity: LC50 app. 90 mg/l (48 h, rainbow trout (salmo gairdneri, oncorhynchus mykiss))
Method: calculated

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Bacteria toxicity:	IC50 > 100 mg/l (activated sludge) Method: test result of the active component.
Chemical oxygen demand (COD):	624 mg/g Method: OECD 301F * 1992 * Manometric respirometry
Biological oxygen demand (BOD):	364 mg/g Method: OECD 301F * 1992 * Manometric respirometry 5 d

Remarks:

Product does not contain any organic bound Halogens which could lead to AOX-values.

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:

This product has not been evaluated for FDA regulatory requirements.

Section 16 - Other information

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