

Anodal SH1 liq

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Substance key: KS13275

Revision Date: 09/17/2013

Version : 1 - 4 / CDN

Date of printing :01/15/2014

WHMIS controlled: no

Section 01 - Product and company identification**Identification of the company:**

Clariant (Canada) Inc.
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Information of the substance/preparation:

ESHA
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Emergency tel. number: +1 CANUTEC (613) 996-6666

Trade name: Anodal SH1 liq
Material number: 102710
Chemical family: Triazine derivative
sodium salt
anionic
Primary product use: aluminium chemicals

Section 02 - Hazards identification**Health effects of exposure:**

Eye and skin contact may cause irritation. Inhalation of vapours or mists may irritate the respiratory tract.

Listed carcinogen:

IARC: No
NTP: No
OSHA: No
Other: No

Section 03 - Composition/information on ingredients**Hazardous ingredients:**

The product does not contain hazardous components.

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.

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.

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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

Extinguishing media: compatible with all usual extinguishing media

Special fire fighting procedure:

This product is not combustible

Unusual fire and explosion hazards: None known.

Hazardous combustion products:

carbon oxides
nitrogen oxides
sulfur 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: Rubber or Plastic

Eye protection: Wear safety glasses with side-shields.

Other protective equipment: Wear clothing suitable to avoid skin contact.

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Advice on system design: Local ventilation recommended - mechanical ventilation may be used.

Section 09 - Physical and chemical properties

Form: liquid
Color: colourless
Odor: not specified
pH: 6 - 7 (20 °C)
Solubility in water: (20 °C)
miscible
Density: 1.02 g/cm³ (20 °C, 1,013 hPa)
Melting point : not applicable
Boiling point : approx. 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) :** not known
**Hazardous decomposition
products** When used and handled as intended, none.

Section 11 - Toxicological information

Acute oral toxicity: LD50 > 5,000 mg/kg (rat)
Directive 1999/45/EC
Skin irritation: non-irritant (rabbit)
Directive 1999/45/EC
Eye irritation: non-irritant (rabbit)
Directive 1999/45/EC

Section 12 - Ecological information

Product information:
Biodegradation: approx. 25 - 50 % (14 d, TOC)
Method: test result of the active component.
Fish toxicity: LC0 > 500 mg/l (48 h, rainbow trout (salmo gairdneri,
oncorhynchus mykiss))
Method: mod. routine bioassay method of 1.11.74

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Bacteria toxicity: IC50 > 100 mg/l (activated sludge)
Method: ETAD method 103

Remarks:
No data available.

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

Dispose in accordance with local regulations at a government approved incinerator or waste management site.

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

TSCA Status:

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

FDA:

This product is not registered with the FDA.

Section 16 - Other information

The information contained on this MSDS is to the best of our knowledge an accurate summary of the data available as of the date of preparation. Clariant (Canada) Inc. is not liable for the application or use of this information in situations beyond its control or outside the normal and expected use of its product. Clariant (Canada) Inc. assumes no responsibility for damage or injury from the use of the product described herein.