

Bleach (SCAVTREAT 1106)

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Substance key: CLT934161-V1

Revision Date: 11/28/2014

Version : 2 - 1 / CDN

Date of printing :05/07/2015

WHMIS controlled: yes
Class: E
C

Section 01 - Product and company identification

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: +1 800-424-9300 CHEMTREC, +1 (703) 527-3887 INTERNATIONAL

Trade name: SCAVTREAT 1106
Material number: 280781
Chemical family: Mixture
Primary product use: Specialty Chemical

Section 02 - Hazards identification

Health effects of exposure:

Sodium hydroxide: the effects of long-term low-level exposure have not been determined. Harmful by ingestion, inhalation and skin contact. Contact with skin will cause burns. Contact with eyes may cause permanent damage and loss of vision. Ingestion will cause severe damage to the gastrointestinal tract and may be fatal. Inhalation of mists will cause burns to the respiratory tract and may cause the destruction of lung tissues. Risk of serious eye damage. Skin contact will cause irritation. Inhalation of vapours or mists may cause irritation to the respiratory tract.

Listed carcinogen:

OSHA Specifically Regulated
Chemicals/Carcinogens: Not listed

Other: No

NTP - National Toxicology Program Report: Not listed

International Agency for Research on Cancer (IARC) - Overall Evaluations of Carcinogenicity to Humans.: Not listed

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Section 03 - Composition/information on ingredients

Hazardous ingredients:

Component	CAS number	Concentration
Sodium hypochlorite	7681-52-9	7 - 13 %
Sodium hydroxide	1310-73-2	1 - 5 %

Component toxicity information:

Sodium hydroxide (1310-73-2)

Acute oral toxicity: LD50 365 mg/kg (Rat)

Section 04 - First aid measures

After inhalation:

- Move the victim to fresh air.
- Give oxygen or artificial respiration if needed.
- Get immediate medical advice/ attention.
- Never give anything by mouth to an unconscious person.

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:

Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Get medical attention.

After ingestion:

- If swallowed, DO NOT induce vomiting.
- Get immediate medical advice/ attention.

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 Carbon dioxide (CO2) Dry chemical

Hazardous combustion products:

- Contact with acid results in release of chlorine gas. Oxygen is natural decomposition product.
- Burning produces noxious and toxic fumes.

Section 06 - Accidental release measures

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Steps to be taken in case of spill or leak:

Only trained personnel should be involved in spill operations. Wear self-contained breathing apparatus and complete impervious protective clothing. Ventilate area of spill. Remove all ignition sources. Contain spill and pump into proper containers using compatible equipment. Small spills may be recovered using an inert non-combustible absorbent material (sand, vermiculite) and collected into suitable containers. Keep recovered material damp. Do not use combustible absorbent material such as sawdust or paper towels. If allowed to dry, dried material can ignite in contact with combustible material. The product may be an explosion risk if it contacts acids or chlorine. If such contact is possible, evacuate all non-essential personnel hazardous concentrations may be found in spill area and downwind. All containers must be properly labelled. Decontaminate all clothing and the spill area with large amounts of water. Do not allow to enter sewers, storm drains surface waters or the soil.

Section 07 - Handling and storage
Advice on safe handling:

Use only alkali-proof equipment.

Do not store near acids.

Keep away from heat, sparks and open flames. - Avoid breathing vapors or contact with skin, eyes, and clothing.- Use only with adequate ventilation and proper protective eyewear, face shield, gloves and clothing. Wash thoroughly after handling. Keep container closed.

Further info on storage conditions:

Keep containers tightly closed in a cool, well-ventilated place.

Handle and open container with care.

Section 08 - Exposure controls / personal protection
Occupational exposure limits:

Component	CAS number	Regulatory list	Type of value	Value 1	Value 2
Sodium hydroxide	1310-73-2	USA. ACGIH Threshold Limit Values (TLV)	Ceiling limit		2 mg/m3

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:

Neoprene

Eye protection:

Safety goggles
Face-shield

Other protective equipment:

The use of impervious coveralls and boots is highly recommended when handling this product.

Advice on system design:

Local ventilation recommended - mechanical ventilation may be used.

Section 09 - Physical and chemical properties

Form:

Liquid

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Color:	greenish yellow
Odor:	like chlorine
pH:	12.0 - 14.0
Solubility in water:	miscible
Melting point :	not determined
Freezing point :	-20 °C
Boiling point :	Decomposes below the boiling point.

Section 10 - Stability and reactivity

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

Section 11 - Toxicological information

Acute oral toxicity:	LD50 > 5,000 mg/kg (Rat)
Skin irritation:	Not tested
Eye irritation:	Not tested

Section 12 - Ecological information

Product information:

Remarks:
no data available

Section 13 - Disposal considerations

Waste disposal information:

Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities.

Section 14 - Transport information

T D G

Proper shipping name:	Hypochlorite solution
Class:	8
Packing group:	II
UN/ID number:	UN 1791
Primary risk:	8
Remarks:	Shipment permitted

IATA

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Proper shipping name: Hypochlorite solution
Class: 8
Packing group: II
UN/ID number: UN 1791
Primary risk: 8
Remarks: Shipment permitted

IMDG

Proper shipping name: Hypochlorite solution
Class: 8
Packing group: II
UN no.: UN 1791
Primary risk: 8
EmS: F-A S-B

Section 15 - Regulatory information

Registration status

DSL: yes
NDSL: no

CEPA

Listed as toxic substance: Not listed
Listed as priority substance: Not listed

NPRI

Not listed

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



Corrosive
STRONG OXIDIZER
Corrosive to skin
Corrosive to eyes

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