

**EUCON WO - BULK GALLONS**Version 9.3  
REVISION DATE: 08/28/2014

Print Date 08/29/2014

**SECTION 1 - PRODUCT IDENTIFICATION / PREPARATION INFORMATION****Product Information**

Trade name : EUCON WO - BULK GALLONS

Product code : 010W 99

Supplier : Euclid Canada  
2835 Grande-Allée  
St-Hubert, QC J4T 2R4

Telephone : 1-800-667-0920

Emergency Phone : (613) 996-6666

Product use : Admixture

**Preparation Information**

Prepared by: : Sewnauth Raghunandan

Date: : 08/28/2014

Telephone : (416) 421-3300

**SECTION 2 - HAZARDS IDENTIFICATION****Emergency Overview**

Brown. Liquid. Mist may irritate respiratory tract. May cause chemical burns to the respiratory system. Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.

**Acute Potential Health Effects/ Routes of Entry**

Inhalation : Mist may irritate respiratory tract. May cause chemical burns to the respiratory system.

Eyes : Vapors or liquid may cause tearing, blurred vision, severe irritation, and possible chemical burns.

Ingestion : May cause irritation to the mouth, throat and stomach. May cause chemical burns to stomach, mouth, nose, and throat.

Skin : May cause moderate irritation. May cause sensitization resulting in irritation, itching and redness. May cause dryness, cracking, irritation, and chemical burns.

**Aggravated Medical Conditions**

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure.

**Chronic Health Effects**

Fillers are encapsulated and not expected to be released from product under normal conditions of use.

**Target Organs:** Skin, Eye**SECTION 3 : HAZARDOUS INGREDIENTS**

**EUCON WO - BULK GALLONS**

Version 9.3  
REVISION DATE: 08/28/2014

Print Date 08/29/2014

Chemical Name	CAS-No.	Weight % Range
---------------	---------	----------------

Sodium hydroxide	1310-73-2	5.0 - 10.0
------------------	-----------	------------

The ingredients listed above are hazardous as defined in the controlled products regulation. (CPR).

**SECTION 4 - FIRST AID MEASURES**

Get immediate medical attention for any significant overexposure.

- Inhalation : Leave area to breathe fresh air. Avoid further overexposure. If symptoms persist, get medical attention.
- Eye contact : Flush with water for 15 minutes. If irritation persists, get medical attention.
- Skin contact : Wash area of contact thoroughly with hand cleaner followed by soap and water. If irritation, rash or other disorders develop, get medical attention immediately.
- Ingestion : Get medical attention. Do not induce vomiting.
- Notes to physician : Not applicable.

**SECTION 5: FIRE / EXPLOSION HAZARDS**

- Flash point : Not available.
- Method : Not available.
- Lower explosion limit : Not available.
- Upper explosion limit : Not available.
- Autoignition temperature : Not available.
- Extinguishing media : If water fog is ineffective, use carbon dioxide, dry chemical or foam.
- Hazardous combustion products : Carbon monoxide and carbon dioxide can form. Smoke, fumes.
- Protective equipment for firefighters : Use accepted fire fighting techniques. Wear full firefighting protective clothing, including self-contained breathing apparatus (SCBA).
- Fire and explosion conditions : This product not expected to ignite under normal conditions of use.

**SECTION 6 - SPILLS / LEAKS / ACCIDENTAL RELEASE MEASURES**

Stop flow. Contain spill. Keep out of water courses. Absorb spill in sand, earth or other suitable material. Transfer to appropriate container for disposal. Use appropriate protective equipment. Avoid contact with material.

**SECTION 7 - HANDLING AND STORAGE**

Handle in compliance with common hygienic practices. Clean hands thoroughly after handling. Keep from freezing. Do not use in confined or poorly ventilated areas. Prevent inhalation of vapor, ingestion, and contact with skin eyes and clothing. Keep container closed when not in use. Precautions also apply to emptied containers. Store in sealed containers in a dry, ventilated warehouse location above freezing.

**EUCON WO - BULK GALLONS**

Version 9.3  
 REVISION DATE: 08/28/2014

Print Date 08/29/2014

**SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION****Personal protection equipment**

- Respiratory protection : Not required under normal conditions of use.
- Hand protection : Use suitable impervious rubber or vinyl gloves and protective apparel to reduce exposure.
- Eye protection : Wear appropriate eye protection. Wear chemical safety goggles and/or face shield to prevent eye contact. Do not wear contact lenses. Do not touch eyes with contaminated body parts or materials. Have eye washing facilities readily available.
- Skin and body protection : Prevent contact with shoes and clothing. Use rubber apron and overshoes.
- Protective measures : Other equipment not normally required. Use professional judgment in the selection, care, and use.
- Engineering measures** : Use local exhaust when the general ventilation is inadequate.

**Exposure Limits**

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Regulation</u>	<u>Limit</u>	<u>Form</u>
Sodium hydroxide	1310-73-2			

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

- Physical State : Liquid
- Form : Liquid
- Color : Brown
- Odor : None
- pH : 5 - 7
- Vapour pressure : Not available.
- Vapor density : Heavier than air
- Melting point/range : Not available.
- Freezing point : Not available.
- Boiling point/range : > 212 °F, > 100 °C
- Water solubility : Soluble
- Evaporation Rate: : Not available.
- Specific Gravity : 1.12 +/- 0.01
- % Volatile Weight : 81 %

**SECTION 10 - REACTIVITY / STABILITY**

- Substances to avoid : Strong acids. Strong bases.



**EUCON WO - BULK GALLONS**

Version 9.3  
REVISION DATE: 08/28/2014

Print Date 08/29/2014

Stability : Stable  
Hazardous polymerization : Will not occur.

**SECTION 11 - TOXICOLOGICAL INFORMATION**

No Data Available

**SECTION 12 - ECOLOGICAL INFORMATION**

No Data Available

**SECTION 13 - WASTE DISPOSAL CONSIDERATIONS**

Disposal Method : Dispose in suitable container as non-hazardous waste according to all applicable regulations.

**SECTION 14 - TRANSPORTATION / SHIPPING DATA**

**TDG:**

UN1760, CORROSIVE LIQUID, N.O.S. (Sodium Hydroxide), 8, PG III

**CFR / DOT:**

UN1760, Corrosive liquids, n.o.s. (Sodium Hydroxide), 8, PG III

**IMDG:**

UN1760, CORROSIVE LIQUID, N.O.S. (Sodium Hydroxide), 8, PG III

**Further Information:**

The above shipping description may not be accurate for all container sizes and all modes of transportation. Please refer to Bill of Lading.

**SECTION 15 - REGULATORY INFORMATION**

**North American Inventories:**

All components are listed or exempt from the TSCA inventory.

This product or its components are listed on, or exempt from the Canadian Domestic Substances List.



**EUCON WO - BULK GALLONS**

Version 9.3  
REVISION DATE: 08/28/2014

Print Date 08/29/2014

**Canadian Regulations:**

WHMIS Classification : E

This is a "controlled product" under the Canadian Workplace Hazardous Materials Information System (WHMIS).

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

**Other Regulations:**

Regulatory VOC (less water and exempt solvent) : 2 g/l

**SECTION 16 - OTHER INFORMATION**

**HMIS Rating :**

Health	1
Flammability	0
Reactivity	0
PPE	

- 0 = Minimum
- 1 = Slight
- 2 = Moderate
- 3 = Serious
- 4 = Severe

**Further information:**

For Industrial Use Only. Keep out of Reach of Children. The hazard information herein is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition.

**Prepared by: Sewnauth Raghunandan**

**Legend**

- ACGIH - American Conference of Governmental Hygienists
- DOT - Department of Transportation
- DSL - Domestic Substance List
- EPA - Environmental Protection Agency
- HMIS - Hazardous Materials Information System
- IARC - International Agency for Research on Cancer
- MSHA - Mine Safety Health Administration
- NDSL - Non-Domestic Substance List
- NIOSH - National Institute for Occupational Safety and Health
- NTP - National Toxicology Program
- OSHA - Occupational Safety and Health Administration
- PEL - Permissible Exposure Limit
- RCRA - Resource Conservation and Recovery Act
- STEL - Short Term Exposure Limit
- TLV - Threshold Limit Value
- TSCA - Toxic Substances Control Act
- TWA - Time Weighted Average
- V - Volume
- VOC - Volatile Organic Compound
- WHMIS - Workplace Hazardous Materials Information System

