

## CanalPro® NaOCl 6%

Coltene Inc.

Internal Document Number: 48222C

Revision Date: June 2018

### Section 1 - IDENTIFICATION

**Product Names:** CanalPro® NaOCl 6%

**Product Codes:** 60011161

**Recommended Use:** Intended to be used when performing root canal therapy for irrigation/debridement of root canals during and after instrumentation.

**Restrictions on Use:** Intended for use by a licensed physician. Avoid contact with aluminum instruments.

**NOTE:** This product is intended to be used for irrigation/debridement of root canals during and after instrumentation by a licensed physician; hence, small amounts are intended to be used within a patient's mouth. When exposed to amounts of the solution beyond the intended use, consider the following precautions

**Manufacturer:**   
 Coltene/Whaledent Inc.  
 235 Ascot Parkway  
 Cuyahoga Falls, OH 44223  
 USA  
 Phone: 1 330 916 8800  
 E-mail: info.us@coltene.com  
 Fax: 1 330 916 7077

**Authorized EC Representative** EC REP  
 Coltene/Whaledent GmbH + Co. KG  
 Raiffeisenstraße 30  
 89129 Langenau  
 Phone: 49 7345 805 0  
 Fax: 49 7345 805 201  
 Info.de@coltene.com

**Emergency Contact Number:**  
 USA & Canada: 1 800 535 5053  
 Copies of this SDS can be found at  
[www.coltene.com](http://www.coltene.com)

### Section 2 - HAZARD(S) IDENTIFICATION

**Classification in accordance with paragraph (d) of 29 CFR 1910.1200.**

**Hazard Category, Subcategory:** Serious Eye Damage / Eye Irritation – Category - 1  
 Skin Corrosion / Irritation – Category – 1B  
 Aquatic Acute Toxicity – Category 1

**GHS Label Elements:**

**Symbol(s)**



**Signal Word:** Danger

**Hazard Statement(s):** Causes severe skin burns and eye damage  
 Very toxic to aquatic life

**Precautionary Statement(s):**  
**Prevention:** Wash hands thoroughly after handling  
 Wear protective gloves/protective clothing/eye protection/face protection  
 Avoid release into the environment

**Response:** If swallowed: Rinse mouth. Do NOT induce vomiting.  
 If on skin (or hair): Rinse skin with water with several minutes. Wash contaminated clothing before reuse. Immediately call a Poison Control Center or physician for emergency medical advice.

# Safety Data Sheet



## CanalPro® NaOCl 6%

Coltene Inc.

Internal Document Number: 48222C

Revision Date: June 2018

### Response (cont.)

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and it's easy to do so. Continue rinsing for at least 15 minutes. Collect spillage.

### Storage:

Store locked up. Keep out of reach of children

### Disposal:

Dispose of in accordance with local, state and federal regulations.

### Statement(s) of Unknown Acute Toxicity:

Zero % of the mixture consists of ingredient(s) of unknown acute toxicity.

### Other Hazards which do not result in classification:

*Contact with acids liberates toxic gas.*

## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS number	Percent (w/w%)
Sodium Hypochlorite	7681-52-9	6%

## Section 4 - FIRST AID MEASURES

### Description of Necessary Measures

**Inhalation:** Remove to fresh air immediately. If breathing is difficult give oxygen. Get medical help.

**Skin:** If exposed wash skin thoroughly with soap and water. Remove contaminated clothing. If irritation develops and persists contact a physician.

**Eyes:** Flush eyes with copious amounts of water for at least 15 minutes. If irritation, pain, swelling, lacrimation or photophobia persist, contact a physician

**Ingestion:** Do not induce vomiting. Give 2-4 cups of milk or water. Contact a physician immediately.

## Section 5 - FIRE-FIGHTING MEASURES

**Extinguishing Media:** Water, CO<sub>2</sub>, dry chemical or foam are acceptable extinguishing media. Cool containers with flooding quantities of water until well after the fire is out.

**Unsuitable Extinguishing Media:** None known

**Specific Hazards Arising from the Chemical:** None known

**Special Protective Equipment and Precautions for Firefighters:** Wear protective equipment and self-contained breathing apparatus (SCBA) per fire department's SOP.

## Section 6 - ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment and Emergency Procedures:** Use personal protective equipment recommended in Section 8.

**Methods and Materials for Containment and Cleaning Up:** Small spills wear gloves and safety glasses and collect spills with paper towels or disposable cloths. Dispose of absorbent material in a suitable container and wash the exposed areas with soap and water. Large spills are highly unlikely but should be absorbed with inert, non-combustible material, such as vermiculite or sand. Dispose of in a suitable closed container for later disposal.

## CanalPro® NaOCl 6%

Coltene Inc.

Internal Document Number: 48222C

Revision Date: June 2018

### Section 7 - HANDLING AND STORAGE

**Precautions for Safe Handling:** Use with adequate ventilation. Remove contaminated clothing and wash before reuse. Use personal protective equipment as described in Section 8

**Conditions for Safe Storage, Including Any Incompatibilities:** Store in a cool, dry location.

### Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Component Exposure Limits:

Component	Concentration	NIOSH REL	OSHA PEL	ACGIH TLV
Sodium Hypochlorite	6%	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>	0.5 ppm

**Note:** Exposure limits may be listed under "Chlorine". There are no listed exposure limits for IDLH, AIHA, WEEL, STEL, Special Notation

#### ACGIH - Threshold Limit Values - Biological Exposure Indices (BEI)

*There are no biological limit values for any of this product's components.*

#### Appropriate Engineering Controls:

Sufficient exhaust and general ventilation should be provided to keep vapor concentration below recommended levels.

#### Individual Protection Measures, such as Personal Protective Equipment:

##### Eye/Face protection:

Wear protective eyeglasses or chemical safety goggles

##### Skin Protection:

Wear protective gloves

##### Respiratory Protection:

Not required with adequate ventilation.

### Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Clear, light yellow	Physical State	Liquid
Odor	Chlorine like	Color	Light yellow
Odor Threshold	Not available	pH	11-12
Melting Point	Not applicable	Flammability class	None
Boiling Point	100°C (212°F)	Freezing point	Not available
Evaporation Rate	> 1	Molecular Weight	Not available
Autoignition	Not applicable	Flash Point	Will not flash

## CanalPro® NaOCl 6%

Coltene Inc.

Internal Document Number: 48222C

Revision Date: June 2018

Temperature			
Lower Explosive Limit	Not applicable	Decomposition temperature	Not available
Upper Explosive Limit	Not applicable	Vapor Pressure	14mmHg (25°C)
Vapor Density (air=1)	Not available	Relative Density(water=1)	~ 1.1
Water Solubility	Slightly soluble	Partition coefficient: n-octanol/water	Not available
Viscosity	Not available	Kinematic viscosity	Not available
Solubility (Other)	Not available	Density	Not available

### Section 10 - STABILITY AND REACTIVITY

**Chemical Stability:**

Chemically Stable

**Possibility of Chemical Reactions:**

Reactive with acids

**Incompatible Materials:**

Strong acids. Reducing agents, Amines and Ammonium Salts.

**Hazardous Decomposition Products:**

Chlorine, Sodium Oxide.

### Section 11 - TOXICOLOGICAL INFORMATION

**Information on Routes of Exposure:**

Skin, eyes, ingestion, inhalation

Skin: Contact may cause severe irritation and corrosion of tissue. Repeated exposure may cause dermatitis.

Eye Contact: May cause severe irritation, corrosion with possible corneal damage and blindness

Ingestion: May cause irritation to the digestive tract, corrosion/ulceration, nausea and vomiting.

Inhalation: Excessive inhalation may cause severe irritation, possible burns with pulmonary edema, which may lead to pneumonitis.

### Section 12 - ECOLOGICAL INFORMATION

**Ecotoxicity**

**Component Analysis - Aquatic Toxicity:**

Material is very toxic to aquatic life

**Persistence and Degradability:**

This material is alkaline and may raise the pH of surface waters with low buffering capacity. This material is believed to exist in the disassociated state in the environment.

**Bioaccumulative Potential:**

# Safety Data Sheet

## CanalPro® NaOCl 6%

Coltene Inc.

Internal Document Number: 48222C

Revision Date: June 2018

The material will not bioconcentrate in fish and aquatic organisms nor will it absorb to sediment and suspended organic matter

**Mobility in Soil:**

Moderate to high mobility in soil

**Other Adverse Effects:**

None known

**The product does not contain persistent, bioaccumulative and toxic chemicals (PBT) nor does this product contain any very persistent and very bioaccumulative chemicals (vPvB)**

### Section 13 - DISPOSAL CONSIDERATIONS

**Disposal Methods:**

Dispose of in accordance with local, state and federal regulations

**Component Waste Numbers:**





The U.S. EPA has not published waste numbers for this products components

**Additional Disposal Considerations:**

Dispose of is shelf-life is exceeded.

### Section 14 - TRANSPORT INFORMATION

**Emergency Response Guide Number: 154**

Agency	Proper Shipping Name	UN #	Hazard Class	Label(s)
DOT & TDG	Consumer Commodity	ID8000	Consumer Commodity	  or
Sea Transport IMDG/GGV	Hypochlorite Solution	UN1791	8 PG III EmS F-E S-D	  or
Air Transport IATA (ICAO-TI)	Hypochlorite Solution	UN1791	8 PG III	

**International Bulk Chemical Code**

The product does not contain any chemicals required by the IBC Code to be defined as dangerous chemicals in bulk

# Safety Data Sheet



## CanalPro® NaOCl 6%

Coltene Inc.

Internal Document Number: 48222C

Revision Date: June 2018

### Section 15 - REGULATORY INFORMATION

#### U.S. Federal Regulations

*None of this product's components are listed under SARA Sections 302/304 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), or require an OSHA process safety plan.*

**SARA Section 311/312 (40 CFR 370 Subparts B and C) reporting categories**

**[Classification according to SARA Section 311/312.]**

Not Classified

#### U.S. State Regulations

*None of this product's components are listed on the state lists from CA, MA, MN, NJ or PA.*

**The following statement(s) are provided under the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):**

*Not listed under California Proposition 65.*

#### Canada Regulations:

##### CEPA – Priority Substance list

*None of this product's components are on the list*

##### Ozone Depleting Substances:

*None of this product's components are on the list*

##### Council of Ministers of the Environment – Soil Quality Guidelines

*None of this product's components are on the list*

##### Council of Ministers of the Environment – Water Quality Guidelines

*None of this product's components are on the list*

### Section 16 - OTHER INFORMATION

*HMIS and NFPA Ratings are not required, but are often found in Section 16.*

HMIS Rating

Health: [2] Fire: [0] Reactivity: [1]

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe \* = Chronic hazard

NFPA Ratings

Health: [2] Fire: [0] Reactivity: [1] Other:

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

#### REVISION HISTORY

REVISION	DATE	ECN #	CHG BY	CHK BY	APPR. BY	DESCRIPTION OF CHANGE
A	9/25/14	14400	SBL	TG	SBL	Updated MSDS to GHS/SDS format. 48222 Revision A supersedes 48128 Revision A
B	6/03/15	14972	SBL	SBL	AT	Changed Skin Irritant Category @ and Eye Irritant Category 2 to Eye Damage Category 1 and Skin Corrosion Category 1B Updated corresponding hazard and precautionary statements
C	6/08/15	14972	SBL	SBL	AT	Added Aquatic Acute Toxicity Classification
D	5/31/18		PMc		PMc	Minor changes and updated to WHMIS 2015 Regulations

## CanalPro® NaOCl 6%

Coltene Inc.

Internal Document Number: 48222C

Revision Date: June 2018

**Key / Legend**

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CA/MA/MN/NJ/PA - California/Massachusetts/Minnesota/New Jersey/Pennsylvania\*; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CFR - Code of Federal Regulations (US); CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EC - European Commission; EEC - European Economic Community; EIN - European Inventory of (Existing Commercial Chemical Substances); EINECS - European Inventory of Existing Commercial Chemical Substances; ENCS - Japan Existing and New Chemical Substance Inventory; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; F - Background (for Venezuela Biological Exposure Indices); IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; ISHL - Japan Industrial Safety and Health Law; IUCLID - International Uniform Chemical Information Database; JP - Japan; Kow - Octanol/water partition coefficient; KR KECI Annex 1 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL); KR KECI Annex 2 - Korea Existing Chemicals Inventory (KECI) / Korea Existing Chemicals List (KECL) , KR - Korea; LD50/LC50 - Lethal Dose/ Lethal Concentration; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; MX - Mexico; Ne- Non-specific; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; Nq - Non-quantitative; NSL - Non-Domestic Substance List (Canada); NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PEL - Permissible Exposure Limit; PH - Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; Sc - Semi-quantitative; STEL - Short-term Exposure Limit; TCCA - Korea Toxic Chemicals Control Act; TDG - Transportation of Dangerous Goods; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act; TW - Taiwan; TWA - Time Weighted Average; UEL - Upper Explosive Limit; UN/NA - United Nations /North American; US - United States; VLE - Exposure Limit Value (Mexico); VN (Draft) - Vietnam (Draft); WHMIS - Workplace Hazardous Materials Information System (Canada).

**Other Information:**

**DISCLAIMER: Information included in this Safety Data Sheet was obtained from sources which we believe are accurate and reliable as of the date hereof. HOWEVER, NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR COURSE OF PERFORMANCE OR USAGE OF TRADE. User is responsible for determining whether the product is fit for a particular purpose and suitable for user's method of use or application. Given the variety of factors that can affect the use and application of the product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the product to determine whether it is fit for a particular purpose and suitable for user's method of use or application. Coltene/Whaledent Inc., assumes no risk or responsibility for adverse events which may occur in the use and/or misuse of this product and expressly disclaims liability for loss, damage and/or expense arising out of or in any way connected with the handling, storage, use and/or disposal of this product.**