

## Ultracare Minit Spray

Revision Date: OCT/2016

Internal Document Number: 48213A

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### Section 1: PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Ultracare Minit Spray**Product Code(s):** 60019544**Product Use:** Disinfectant**Synonyms:** None known**Supplier Information** (where applicable):  
Not Applicable**Manufacturer** 

Coltène/Whaledent Inc.  
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Cuyahoga Falls, OH 44223 / USA  
Phone: 1 330 916 8800  
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[info.us@coltene.com](mailto:info.us@coltene.com)

**Authorized EC Representative** 

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**Emergency Contact Number:**

USA &amp; Canada: 1 800 535 5053

Copies of this SDS can be found at  
[www.coltene.com](http://www.coltene.com)

### Section 2: HAZARDS IDENTIFICATION

**GHS Classification:** Flammable Liquids Category 2, Serious Eye Damage/Eye Irritation Category 2B, Specific Target Organ Toxicity Single Exposure Category 3**Route(s) of Exposure:** Eyes, Inhalation**Labeling Elements:****Hazard Category:**

Flammable Liquids  
Category 2  
  
Serious Eye  
Damage/Eye Irritation  
Category 2B  
  
Specific Target Organ  
Toxicity Single Exposure  
Category 3

**Signal Word:****DANGER****Hazard Statements:**

H225, H320, H335,  
H336 - Highly flammable  
liquid and vapour.  
Causes eye irritation.  
May cause respiratory  
irritation. May cause  
drowsiness or dizziness.

**Precautionary Statements:****Prevention:**

**P264, P210, P233, P240, P241, P242, P243, P261, P271, P281** - Wash thoroughly after handling. Keep away from heat/ hot surfaces/sparks/open flames and other ignition sources. No smoking.

**Response:**

**P305+P351+P338, P337+P313, P303+P361+P353, P370+P378, P304+P340, P312** – IF IN EYES: rinse

**Storage:**

**P403+P235, P233, P405** - Store in a well-ventilated place. Keep cool. Keep container tightly

**Disposal:**

**P501** - Dispose of contents/container in accordance with local/regional/national/international regulations.

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Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use non-sparking tools. Take precautionary measures against static discharge. Avoid breathing dust/fumes/gas/mist/vapours/spray. Use only outdoors or in a well ventilated area. Use personal protective equipment as required.

cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. In case of fire: use dry chemical, CO<sub>2</sub>, water spray or regular foam to extinguish. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

closed. Store locked up.

**Supplemental Information:** This is a registered EPA product. The product labeling is in compliance with EPA regulations and guidelines.

### Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

Substance	CAS	EC Number	Index Number	Classification	Percent (w/w%)
Ethanol	64-17-5	200-578-6	603-002-00-5	Flam. Liq. 2, Eye Dam. 2B, STOT SE 3	60-80
Other ingredients	N/A	N/A	N/A	N/A	20-40

**Composition comments:** US GHS: The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of 1910.1200.

### Section 4: FIRST AID MEASURES

**Inhalation:** If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell.

**Eyes:** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Skin:** If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

**Ingestion:** Rinse mouth. Do not induce vomiting. Get medical attention if symptoms occur. Never give anything by mouth if victim is unconscious, or is convulsing.

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**Most important symptoms/effects, acute and delayed:** Symptoms may include cough, pain, choking, breathing difficulties, stinging, tearing, redness, swelling, and blurred vision. Vapors have a narcotic effect and may cause headache, fatigue, dizziness, irritability, impaired memory function, reduced judgement, nausea, deficits in perception and coordination, reaction time or sleepiness.

### Section 5: FIRE FIGHTING MEASURES

**Extinguishing Media:** Dry chemical, CO<sub>2</sub>, water spray or regular foam

**Unsuitable extinguishing media** – Do not use water jet as an extinguisher, as this will spread the fire.

**Specific Hazards Arising from the Chemical:** During fire, gases hazardous to health may be formed.

**Protective Equipment and Precautions for Firefighters:** Standard protection for all fire fighters as per their S.O.P. which should include self-contained breathing apparatus (SCBA), if necessary.

**Fire-fighting equipment/instructions:** In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.

### Section 6: ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Remove all possible sources of ignition in the surrounding areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe vapor. For personal protection, see section 8 of SDS.

**Methods for Containment and Clean-up:** Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Take precautionary measures against static discharge. Use only non-sparking tools.

**Environmental Precautions:** Avoid discharge into drains, water courses, sewers, basements, confined areas or onto the ground. Use appropriate containment to avoid environment contamination.

**Other Information:** Not applicable

### Section 7: HANDLING AND STORAGE

**Precautions for Safe Handling:** Do not handle, store or open near an open flame, sources of heat or sources of ignition. Do not smoke. Minimize fire risks from flammable and combustible materials (including combustible dust and static accumulating liquids) or dangerous reactions with incompatible materials. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Use only with adequate ventilation. Avoid breathing vapor. Avoid contact with eyes, skin and clothing. Avoid prolonged exposure. Use only outdoors or in a well-ventilated area. Wear appropriate personal protective equipment. Observe good industrial hygiene practices. Wash thoroughly after handling. Keep container tightly closed when using do not eat or drink.

**Conditions for Safe Storage, Including Incompatibilities:** Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Avoid spark promoters. Eliminate sources of ignition. Ground/bond container and equipment. Store in a closed container away from incompatible materials. Store in a cool, dry place out of direct sunlight. Store in a well-ventilated place. (See Section 10 of the SDS). Keep out of reach of children.

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### Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Component Exposure Limits:

US.OSHA Table Z-1 Limits for Air contaminate (29CFR 1910.100)		
Components	Type	Value
Ethanol (CAS64-17-5)	PEL	1900 mg/m3 1000ppm
US ACGIH Threshold Limit Values		
Components	Type	Value
Ethanol (CAS 64-17-5)	STEL	1000ppm
US. NIOSH: Pocket Guide to Chemical Hazards		
Components	Type	Value
Ethanol (CAS 64-17-5)	TWA	1900mg/m3 1000ppm

**Appropriate Engineering Controls:** Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**Personal Protective Equipment (Eyes and Face):** Use personal protective equipment as required, goggles or safety glasses.

**Personal Protective Equipment (Skin):** Use personal protective equipment as required, protective gloves.

#### Thermal Hazards:

Keep away from heat/ hot surfaces/sparks/open flames and other ignition sources.

**Personal Protective Equipment (Respiratory):** Where exposure guideline levels may be exceeded, use an approved NIOSH respirator.

**General hygiene considerations:** When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminates.

### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance/Odor: Clear liquid /Alcohol	Odor Threshold: Not Available
pH: 3.7 @ 25°C (77°F)	Boiling Point: Not Available
Melting Point: 3.7 @ 25°C (77°F)	Solubility (H <sub>2</sub> O): Not Available
Specific Gravity: Not Available	Density: 0.86
Octanol / H <sub>2</sub> O Coefficient: -0.31	Evaporation Rate: Not Available
Molecular Weight: -0.31	Decomposition Temp: Not Available
Auto Ignition: Not Available	LFL: Not Available
Flash Point: 18.5°C (65.3 °F) Tag Closed Cup	UFL: Not Available
Vapor Density: Not Available	Vapor Pressure: Not Available
VOC: Not Available	Flammability Class: Flammable Liquids Cat 2
Viscosity: 3.23 cSt @ 20°C (68°F)	

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### Section 10: STABILITY AND REACTIVITY

**Reactivity:** This product may react with strong oxidizing agents.

**Chemical Stability:** Stable under recommended storage conditions.

**Possibility of Hazardous Reactions:** No dangerous reaction known under conditions of normal use.

**Conditions to Avoid:** Avoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the flash point. Do not mix with other chemicals.

**Incompatibility:** Strong oxidizing agents.

**Hazardous Decomposition Products:** May include and are not limited to: Oxides of carbon.

### Section 11: TOXICOLOGICAL INFORMATION

#### Likely Routes of Exposure:

#### Acute Effects:

**Inhalation:** Vapors have a narcotic effect and may cause headache, fatigue, dizziness and nausea. May cause respiratory irritation.

**Eye Contact:** Causes eye irritation.

**Skin Contact:** Prolonged exposure may cause skin irritation.

**Ingestion:** Expected to be a low ingestion hazard.

#### Component Analysis (LD<sub>50</sub> / LC<sub>50</sub>):

Mixture analysis	Species	Test Results
(Dermal) LD50	Rat	>5000 mg/kg
(Oral) LD50	Rat	>5000 mg/kg
(Inhalation) LC50	Rat	.2.1 mg/l

Components	Species	Test Results
<b>Ethanol (CAS 64-17-5)</b>		
<b>Acute</b>		
(Dermal) LD50	Rabbit	>15800mg/kg
	Rat	>5000 mg/kg
(Inhalation) LC50	Mouse	39mg/l, 4 Hours
	Rat	31623ppm, 4 Hours 2000ppm, 10 Hours 64.1 mg/l/4h
Oral LD50	Guinea pig	5600mg/kg
	Mouse	3450 mg/kg
	Rat	7060 mg/kg

**Sensitization:** Non-hazardous by OSHA criteria

**Carcinogenicity:** Non-Hazardous by OSHA criteria

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**Component Carcinogenicity:** Ethanol 64-17-5 (A3 – Confirmed Animal Carcinogen with Unknown Relevance to Humans) Non-hazardous by OSHA criteria. US OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed.

**Mutagenicity:** Non-hazardous by OSHA criteria

**Reproductive Toxicity:** Non-hazardous by OSHA criteria

**Teratogenicity:** Non-hazardous by OSHA criteria

**Specific target organ toxicity – single exposure:** Respiratory tract irritation. Narcotic effects.

**Specific target organ toxicity – repeated exposure:** Not available

**Chronic effects:** May cause respiratory irritation and/or narcotic effects including but not limited to headache, fatigue, dizziness and nausea.

### Section 12: ECOLOGICAL INFORMATION

**Ecotoxicity:**

**Component Analysis:**

Component:	Species:	Test Results:
Ethanol (CAS 64-17-5)		
Crustacea EC50	Daphnia	11744.5 mg/L, 48 Hours
<b>Aquatic</b>		
Crustacea EC 50	Water flea (Daphnia magna)	7.7 – 11.2 mg/l, 48 hours
Fish LC50	Fathead Minnow (Pimephales promelas)	>100 mg/l, 96 hours

**Persistence / Degradability:** No data is available on the degradability of this product.

**Bioaccumulative Potential:** Not Available

**Partition coefficient n-octanol/water (log Kow)**

**Ethanol**            -0.31

**Mobility in Soil:** No data available

**Other Adverse Effects:** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component

This product does not contain persistent, bioaccumulative and toxic chemicals (PBT's) nor does this product contain any very persistent and very bioaccumulative chemicals (vPvB's).

### Section 13: DISPOSAL CONSIDERATIONS

**Disposal:** Collect and reclaim or dispose in sealed containers at licensed waste disposal site. This material and its container must be disposed of as hazardous waste. Incinerate the material under controlled conditions in an approved incinerator. Do not incinerate sealed containers. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. If discarded, this product is considered a RCRA ignitable waste, D001. Dispose of contents/container in accordance with local/regional/national/international regulations.

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Local disposal regulations: Dispose in accordance with all applicable regulations.

Hazardous waste code D001: Waste Flammable material with flash point < 60°C (140°F). The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

Waste from residues/unused products: Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).

Contaminated packaging: Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

**Additional Disposal Considerations:** Not available

### Section 14: TRANSPORT INFORMATION

**Emergency Response Guide Number:** 127

**Department of Transportation:**

**UN Proper Shipping Name:** Ethyl alcohol solutions

**Hazard Class:** 3

**UN Number:** UN1170

**Packing Group:** II

**Special provisions:** B1, T1, 24

**Packaging exceptions:** 150

**Packaging non bulk:** 203

**Packaging bulk:** 242



**IATA/ICAO (Air)**

**Description:** Ethyl alcohol solution, 3, UN1170, PG II – Limited

**Basic shipping requirements:**

IATA ERG Code: 3L

IATA Limited Quantity Packaging Instruction: Y344

IATA LTD Quantity Max Quantity per Pkg: 10L

IATA Packaging Instruction: 355

IATA Special Provisions: A3, A58, A180

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### IMG/IMO (Sea)

**Description:** Ethyl alcohol solution, 3, UN1170 PG II**Basic shipping requirements:** mS No.: F-E, S-D

### Section 15: REGULATORY INFORMATION

**US Federal Regulations:** This product is not a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.**SARA Sections 302 and 304:** No**SARA Sections 311 and 312:** Yes**SARA Section 313:** Not regulated**CERCLA:** Hazardous Substance List (40 CFR 302.4) Not listed**TSCA:** Section 12(b) Export notification (40 CFR 707, Subpt. D) Not regulated**US. OSHA** Specifically Regulated Substances (29 CFR 1910.1001-1050) Not listed**Other Federal Regulations:****Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List**

Not regulated

**Clean Air act (CAA) Section 112(r) Accidental Released preventions (40 CFR 68.130)**

Not regulated

**Safe Drinking Water Act (SDWA):** Not regulated**Food and Drug Administration (FDA):** Not Regulated**The following components appear on one or more of the following state hazardous substances lists:**

Component	CAS	CA	MA	MN	NJ	PA	RI	IL	LA	AZ	CO	NY	TX
Ethanol	64-17-5	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

Country(s) or region	Inventory name	On inventory (yes/no)*
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "yes" indicates this product complies with the inventory requirements administered by the governing country(s).

**California Proposition 65:** There are no chemicals within this mixture on the Proposition 65 List.**Canadian Regulations require the inclusion of the following statements under "Regulatory Information":** This product has been classified in accordance with the hazard criteria of the controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.



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**This product is a U.S. EPA Registered product, EPA Reg. No. 88494-2 and is subject to specific labeling requirements under Federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets (SDS), and for workplace labels of non-pesticide products. FIFRA labels approved by EPA pre-empt OSHA's label requirements. The product labeling is in compliance with EPA regulations and guidelines**

Following is the hazard information required on the pesticide label:

CAUTION

KEEP OUT OF REACH OF CHILDREN

Hazardous to Humans and Domestic Animals

Flammable. Keep away from heat or open flame.

Causes moderate eye irritation

**Section 16: OTHER INFORMATION****NFPA Ratings:**

**Health: 1**  
**Fire: 3**  
**Reactivity: 0**

**HMIS Ratings:**

**Health: 1**  
**Fire: 3**  
**Reactivity: 0**

(NFPA and HMIS Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe)

**REVISION HISTORY**

REVISION	DATE	ECN#	CHG BY	APPR BY	DESC. OF CHANGE
A	10/28/2016	16046	BEK	JAV	Revision to current format required. Appropriate identification of SDS information in alignment with supplier records.

The information and recommendations set forth herein are presented in good faith and are believed to be correct as of the date hereof. Coltène/Whaledent Inc., however, makes no representations as to the completeness of this information and supplies it on the condition that the persons receiving same will make their own determination as to its suitability of their purposes prior to use. In no event will Coltène/Whaledent Inc. be responsible for damages of any nature whatsoever resulting from use of or reliance upon information.

Further information: For an updated SDS, please contact the supplier/manufacturer listed on the first page of the document.

Other information: this Safety Data Sheet was prepared to comply with the current OSHA Hazard Communication Standards (HCS) adoption of the globally Harmonized System of Classification and Labeling of the Chemicals (GHS).