





# TOPICAL ANESTHETIC SPRAY COMPARISON



Understanding the many risks of ethyl chloride **is alarming.**

Learning that CryoDose TA is safer, clinically and therapeutically equivalent, offers more FDA Indications for Use (and economically superior) **is a relief.**

DESCRIPTION	ethyl chloride (chloroethane)	CRYODOSE TA
<i>FDA primary intended use</i>	Vapocoolant, topical anesthetic	
<i>FDA cleared application sites</i>	Intact skin only	<b>Intact skin, open wounds, intact oral mucous membranes (oral cavity, nasal passageways, lips)</b>
<i>Dosage &amp; admin</i>	Spray 4-10 seconds at 3-7 inches until area just turns white	
<i>Onset of action</i>	Instant	
<i>Cooling profile</i>	Cools skin to well below freezing	
<i>Duration of effect</i>	Up to one minute	
<i>Flammability rating</i>	 Extremely flammable	<b>Non-flammable</b>
<i>Acute toxicity</i>	 Skin absorption can occur; liver & kidney toxic; long term exposure may cause liver & kidney damage	<b>No systemic toxicity</b>
<i>Inhalation precautions</i>	 <i>Harmful if inhaled</i> ; may produce narcotic & general anesthetic effects, deep anesthesia, fatal coma or cardiac arrest	<b>No precautions needed</b>
<i>California Prop 65 &amp; other state listings</i>	 "This product contains a chemical known to the state of California to cause cancer."	<b>Not listed; no restrictions</b>
<i>HAZMAT shipping</i>	Additional HAZMAT shipping charges apply	<b>Not HAZMAT</b>
<i>HAZMAT storage</i>	HAZMAT safety storage procedures	<b>No storage restrictions</b>
<i>HAZMAT disposal</i>	Hazardous waste disposal required	<b>Normal trash</b>
<i>Volume</i>	103 mL	<b>115mL</b>

*CryoDose TA unique benefits listed in **bold**.*

Citations & technical reference links: [CryoDose.com/hazmat-resources](https://www.cryodose.com/hazmat-resources)

## ORDERING INFORMATION

DESCRIPTION	ITEM #
CryoDose TA, Mist Spray 115mL	1802
CryoDose TA, Medium Stream 115mL	1803

Nuance Medical, LLC,  
5931 Sea Lion Place, Suite 113  
Carlsbad, CA 92010  
760 585-4849  
info@CryoDose.com

[CryoDose.com](https://www.cryodose.com)

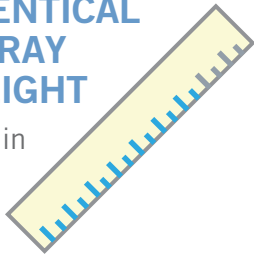
So many reasons to make the switch from ethyl chloride.

# CRYDOSE™ TA

Clinically and therapeutically equivalent, and gets as cold

**IDENTICAL  
SPRAY  
HEIGHT**

3-7 in



**IDENTICAL  
SPRAY  
TIMING**

4-10 seconds  
until skin  
turns white



**EQUIVALENT  
COOLING  
PROFILES**



Cools skin to  
well below  
freezing\*

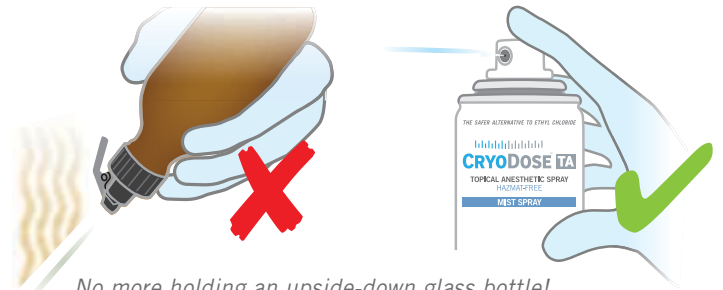
## More uses

For use on intact skin, plus:

- Minor open wounds
- Intact oral mucous membranes
  - Oral cavity
  - Nasal passageways
  - Lips

## Greater precision

**INCREASED PRECISION & EASE OF USE**



*No more holding an upside-down glass bottle!*

**10% more volume per canister**

**100% satisfaction guarantee**

**the safer alternative  
to ethyl chloride**

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