

In the interest of providing the best-possible treatment offerings, we have assembled a list of resources for you to address the important concerns regarding ethyl chloride toxicity and other hazards. If you have any questions, contact us at CryoDose.com/contact.

Centers for Disease Control and Prevention, NIOSH.

Appendix C – Supplementary Exposure Limits.,
Chloroethanes, Ethyl chloride
<https://www.cdc.gov/niosh/npg/nengapdx.html>

U.S. Department of Transportation (DOT). Pipeline and Hazardous Materials Safety Administration.

DOT-SP 13102. 49 CFR 172.101 (PDF)
<https://www.phmsa.dot.gov/approvals-and-permits/hazmat/file-serve/offer/SP13102.pdf/offerserver/SP13102>

Occupational Safety and Health Standards. Toxic and Hazardous Substances. Standard Number 29 CFR 1910.1200

https://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=standards&p_id=10099

Occupational Health Guideline for Ethyl Chloride.

U.S. Dept. of Labor, OSHA. U.S. Dept. of Health and Human Services. PHS. CDC. NIOSH. September 1978 (PDF)
<https://www.cdc.gov/niosh/docs/81-123/pdfs/0267.pdf>

Medical & Dental Offices. A Guide to Compliance with OSHA Standards.

OSHA 3187-09R. 2003
<https://www.osha.gov/Publications/OSHA3187/osa3187.html>

Praxair® (ethyl chloride refrigerant gas manufacturer)

Safety Data Sheet (SDS) P-4597. 10/17/2016 (PDF)
<https://www.praxair.com/-/media/corporate/praxairus/documents/sds/ethyl-chloride-c2h5cl-safety-data-sheet-sds-p4597.pdf>

Airgas® (ethyl chloride refrigerant gas manufacturer)

Safety Data Sheet (SDS) 10/26/2016 (PDF)
<https://www.airgas.com/msds/001023.pdf>

Axial® (ethyl chloride refrigerant gas manufacturer)

Product Stewardship Summary Edition 2 (PDF)
<https://www.westlake.com/sites/default/files/EthylChlorideSummaryEd1.pdf>

Ethyl Chloride® product Safety Data Sheet (SDS)

4/23/2013 (PDF)
http://cdn2.hubspot.net/hubfs/150313/docs/EthylChloride/Safety_Sheets/EC_English_SDS.pdf

CryoDose® TA product Safety Data Sheet (SDS).

Nuance Medical. 2017 (PDF)
https://www.cryodose.com/wp-content/uploads/2017/08/CryoDose_TA_SDS_170308.pdf

The Joint Commission ECNews. July 2013. Vol 16.

Issue 7 (PDF)
<http://www.jcrinc.com/assets/1/7/ECNews-July-2013.pdf>

U.S. Environmental Protection Agency. “Health Effects Notebook for Hazardous Air Pollutants.

Ethyl chloride (Chloroethane) (PDF)
<https://www.epa.gov/sites/production/files/2016-09/documents/ethyl-chloride.pdf>

The Joint Commission (JCAHO) Hazardous Material – Waste Inventory Program 2017 (PDF)

<https://www.jointcommission.org/standards/information/jcfaqdetails.aspx?StandardsFAQId=1108&StandardsFAQChapterId=18>

FDA 510(k) Summary – Ethyl Chloride® (PDF)

https://www.accessdata.fda.gov/cdrh_docs/pdf/K991514.pdf

FDA 510(k) Summary. CryoDose® TA (PDF)

https://www.accessdata.fda.gov/cdrh_docs/pdf16/K162218.pdf

OEHHA Proposition 65 List (PDF)

<https://oehha.ca.gov/media/downloads/proposition-65/p65list112318.pdf>

Office of Environmental Health Hazard Assessment

(OEHHA) Proposition 65 List (web page)
<https://oehha.ca.gov/proposition-65/proposition-65-list>

OEHHA – Chloroethane (Ethyl chloride) cancer

toxicity citation. CAS No. 75-00-3; page 5. July 1, 1990 (PDF)
<http://oehha.ca.gov/media/downloads/proposition-65/p65single10212016.pdf>

OEHHA Chloroethane (Ethyl Chloride) description
(web page)
<https://oehha.ca.gov/chemicals/chloroethane-ethyl-chloride>

OEHHA California Environmental Protection Agency, Reproductive and Cancer Hazard Assessment – NSRL
on carcinogen chloroethane May 2001 (PDF)
<https://oehha.ca.gov/media/downloads/cnrn/chloroethane20nsrfinal.pdf>

Hazardous Substance Fact Sheet, New Jersey
Department of Health and Senior Services, Ethyl Chloride July 2002 (PDF)
<http://nj.gov/health/eoh/rtkweb/documents/fs/0863.pdf>

Ethyl Chloride® Important Risk and Safety Information 2017 (PDF)
http://cdn2.hubspot.net/hubfs/150313/docs/Ethyl_Chloride/Application/EC_English_IFU.pdf

Wikipedia, Chloroethane (ethyl chloride) June 6, 2017
<https://en.wikipedia.org/wiki/Chloroethane>

International Chemical Safety Card – 1-Chloroethane
(ethyl chloride) 0132 IPCS INCHEM
<http://www.inchem.org/documents/icsc/icsc/eics0132.htm>

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State Regulatory Information: Ethyl Chloride is covered under the specific State regulations listed with reportable quantity of 100 lbs.

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| AK | Designated Toxic and Hazardous Substances | MS | Employer Information/Toxic Substance List |
| CA | Permissible Exposure Limits for Chemical Contaminants, Prop 65 Listing | NJ | Right to Know Hazardous Substance List |
| FL | Substance List | NY | Hazardous Substance List |
| MA | Substance List | PA | Regulated Substance List |
| MI | Critical Materials Register | RI | Hazardous Substance |
| MN | List of Hazardous Substances | TX | Hazardous Substance List |
| | | WV | Hazardous Substance List |
| | | WI | Toxic and Hazardous Substance |

ORDERING INFORMATION

DESCRIPTION	ITEM #
CryoDose TA, Mist Spray 115mL	1802
CryoDose TA, Medium Stream 115mL	1803
CryoDose TA, Medium Stream 35mL	1804
CryoDose TA, Mist Spray 35mL	1805

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