

Medical Chemical Corp.
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MSDS For Fluorescent Decolorizer
Catalog Number AAD

The following information is believed to be correct but is not warranted as such, nor does it purport to be all inclusive.

Section 1 - Shipping Data

Description: A solution of hydrochloric acid in reagent alcohol.

DOT Shipping name: Ethyl alcohol

Telephone Number for Information: (310)829-4304

DOT Hazard Class: Flammable liquid

Emergency Telephone Number: (800)424-9300

DOT Identification Number: UN1170

Prepared By: S.M. *Date:* Oct. 31, 2000

Section II - Hazardous Ingredients/Identity Information

<i>Ingredients</i>	<i>CAS#</i>	<i>OSHA Pel</i>	<i>ACGIH TLV</i>	<i>Other Limits</i>	<i>%</i>
ethanol	64-17-5	1000 ppm	1000 ppm		60.3% v/v
isopropanol	67-63-0	400 ppm	400 ppm		3.4% v/v
methyl alcohol	67-56-1	200 ppm (skin)	200 ppm (skin)		3.4% v/v
hydrochloric acid	7647-01-0	7 mg/m ³	7 mg/m ³		0.5% v/v

Section III - Physical/Chemical Characteristics

Boiling Point: 84° C

Specific Gravity: 0.89

Vapor pressure (mm Hg): 40 @ 20 °C

Evaporation Rate (ethanol = 1): 1

Vapor Density (air = 1): 1.5

Solubility In Water: Mostly complete

Appearance and Odor: Clear solution with acid odor of hydrochloric acid.

Section IV - Fire and Explosion Hazard Data

Flash Point (method used): 72° F(22.2°C) (TOC) *Flammable Limits:* (for ethanol) LEL 3% UEL 19%

Extinguishing Media: Alcohol foam, carbon dioxide or dry chemical.

Special Fire Fighting Procedures: Water is ineffective against alcohol fires but may be used to cool adjacent containers.

Unusual Fire And Explosion Hazards: Pyrolysis will release toxic gases such as carbon monoxide and methanol.