

SAFETY & HEALTH QUICK LIST

Chemical/Product Name:	Ethyl Acrylate
Synonym:	

CAS No: 140-88-5

Physical Properties

NFPA Rating: Health	2
NFPA Rating: Flammability	3
NFPA Rating: Reactivity	2
NFPA Rating: Flammability	2
GHS Classification: Flammable	2
GHS Classification: Inhalation	3
GHS Classification	
GHS Classification: Health Hazard	1
Fire Extinguisher Type	Water spray, foam, dry
Freeze Point	no data
LEL %	1.40%
UEL %	14%
Vapor Density	3.5

Auto Ignition Temperature	699.8 F
Solubility in Water	20 g/L
Specific Gravity	0.935
Flash Point	46 F
Vapor Pressure (@ 68F)	0.5999 psi
Max Concentration (@68F)	
Boiling Point	211.6 F
RQ	1000 pounds

Exposure Guidelines

PEL/TLV	5 ppm
STEL	15 ppm
Ceiling	N/A
Skin Notation (S)	1
Carcinogen (A1-A4)	n/a

Corrosive	n/a
Irritant	2
IDLH	
Odor Threshold	.5 ppb
Sensitizer	1

Emergency Response

EPRG-1 (ppm):	1 ppm	Isolate area for at least 50 meters (150 feet) in all directions
EPRG-2 (ppm):	10 ppm	Consider initial downwind evacuation for at least 300 meters (1000 feet).
EPRG-3 (ppm):	40 ppm	Isolate for 800 meters (1/2 mile) in all directions
Monitoring Method	Personal, workplace atmosphere or biological monitoring may be required.	

Normal Tasks

Sampling
 Drum/Tote Filling
 Strapping Tank/Truck
 Hose Disconnect Unclear (Camlock Fitting)
 Hose Disconnect Unclear (Dry Disconnect)
 Line/Equipment Opening Unclear
 Line/Equipment Opening Clear
 Contaminated Equipment in Maintenance Shop
 which can't be cleaned
 Tank Cleaning (No chemicals present)
 Tank Cleaning (Chemicals present)

PPE Group

Group 5
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Emergency Response Tasks

Small Spill
 Medium Spill
 Large Spill
 Downwind Monitoring (Vapor Only)
 Liquid Contact (HAZMAT)

PPE Group

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Lab Handling

Inside Hood
 Outside Hood

PPE Group

Group 12 Butyl Gloves
Group 12 Butyl Gloves

NUMBER	KEY CODE	DESCRIPTION
GROUP 5	SPLASH GOGGLES RESIRATOR	Standard PPE (Group 2) with Chemical Gloves, Face Shield, Splash Goggles and the required Respirator
GROUP 12	STANDARD LAB -N	Nomex Lab Coat, Safety Side-Shield Glasses, Nitrile Gloves
Respirator Type		Full Face, Organic Vapor, acid air
Chemical Glove Type		Butyl Rubber

PPE Example

