

Safety & Health Quick List

Chemical/ Product Name:	Propanol
Synonym:	

CAS No: 71-23-8

Hazard Statements: **Highly flammable liquid and vapour.**
Causes serious eye damage.
May cause drowsiness or dizziness.

NFPA Ratings:	4-Dangerous	3-Severe	2-Moderate	1-Slightly Hazardous
GHS Ratings:	1-Dangerous	2-Severe	3-Moderate	4-Slightly Hazardous

Physical Properties:

NFPA Rating: Health	1	Auto Ignition Temperature	752 F
NFPA Rating: Flammability	3	Solubility in Water	Miscible
NFPA Rating: Reactivity	0	Specific Gravity	0.8036
GHS Classification: Corrosive	1	Flash Point	75 F
Fire Extinguisher Type	Foam, Dry Chemical, Carbon Dioxide, Water Spray	Vapor Pressure (@ 64F)	0.3771 psi
Freeze Point	-197.5	Max Concentration (@ 64F)	99.80%
LEL%	2.10%	Boiling Point	207 F
UEL%	13.50%	RQ	5000 lbs
Vapor Density	2.1		

Exposure Guidelines

PEL/TLV	200 ppm	Corrosive	1
STEL	N/A	Irritant	1
Ceiling	N/A	IDLH	800 ppm
Skin Notation (S)	N/A	Odor Threshold	0.07-100 mg/m ³
Carcinogen (A1-A4)	N/A	Sensitizer	N/A

Other Hazards:

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Emergency Response

Spill or leak	Isolate for at least 50 meters (150 ft) in all directions
Large Spill	Initial downwind evacuation for at least 300 meters (1000 ft)
Fire	Isolate for 800 meters (1/2 mile) in all directions
Monitoring Method	N/A

*If levels exceed 10x PEL use SCBA

Normal Tasks

Sampling
 Drum/Tote Filling
 Strapping Tank/Truck

Hose Disconnect Unclear (Camlock Fitting)

Hose Disconnect Unclear (Dry Disconnect)
 Line/Equipment Operating Unclear
 Line/Equipment Operating Clear

Contaminated Equipment in Maintenance Shop
 which can't be cleaned
 Tank Cleaning (No Chemicals Present)
 Tank Cleaning (Chemicals Present)

PPE Group

Group 3
Group 3
Group 3
Group3
Group 3
Group 3
Group 3
Group 3
Group 3
Group 3
Group 3

Emergency Response Tasks

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

PPE Group

Group 7
Group 7
Group 7
Group 7
Group 7

Lab Handling

Inside Hood
 Outside Hood

PPE Group

Group 12
Group 13

NUMBER	KEY CODE	DESCRIPTION
GROUP 2	GENERAL PROCESS AREA	Standard PPE - Hard Hat, Nomex Coveralls, Safety Side-Shield Glasses, Work Gloves (Leather)
GROUP 3	RESPIRATOR CHEMICAL GLOVES	Standard PPE (Group 2) with Chemical Gloves, Face Shield, and Required Respirator
GROUP 7	SLICKER SUIT	Standard PPE (Group 2) with Chemical Gloves, Boots, slicker suit and Required Respirator
GROUP 11	STANDARD LAB -L	Nomex Lab Coat, Safety Side-Shield Glasses, Latex Gloves
GROUP 12	STANDARD LAB -N	Nomex Lab Coat, Safety Side-Shield Glasses, Nitrile Gloves
GROUP 13	LAB & RESPIRATOR	Group 11 or 12 along with a Cartridge Respirator
Respirator Type		Respirator
Chemical Glove Type		Nitrile or Butyl Rubber

PPE Example



