

SAFETY & HEALTH QUICK LIST

Chemical/Product Name:	Primene 81R
Synonym:	

CAS No: 68955-53-3

Physical Properties

NFPA Rating: Health	3
NFPA Rating: Flammability	2
NFPA Rating: Reactivity	0
GHS Classification: Flammable	
GHS Classification: Corrosive	Flam Liq 4 Toxicity Oral 4 Inhalation 2 Dermal 3
Fire Extinguisher Type	CO2, Water, Dry Chem
Freeze Point	
LEL %	.6% of vol
UEL %	5.10 % of vol
Vapor Density	> 1.00

Auto Ignition Temperature	514 F
Solubility in Water	0.190 g/L
Specific Gravity	
Flash Point	178 F
Vapor Pressure (@ 68F)	0.23 hPa @ 77 F
Max Concentration (@68F)	
Boiling Point	

Exposure Guidelines

PEL/TLV	1 ppm
STEL	2.5 ppm
Ceiling	N/A
Skin Notation (S)	Sensitizer 1A
Carcinogen (A1-A4)	N/A

Corrosive	1
Irritant	1
IDLH	
Odor Threshold	no data
Sensitizer	1

Other Hazards:

Absorb thru skin, Amine odor

Emergency Response

Spill or Leak	Isolate area for at least 50 meters (150 feet) in all directions
Large spill	Consider initial downwind evacuation for at least 300 meters (1000 feet).
Fire	Isolate for 800 meters (1/2 mile) in all directions
Monitoring Method	N/A

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 6
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Emergency Response Tasks

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

PPE Group

Group 6
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Lab Handling

Inside Hood
 Outside Hood

PPE Group

Group 13 Butyl Rubber Gloves
Group 13 Butyl Rubber Gloves

NUMBER	KEY CODE	DESCRIPTION
Group 6	RESPIRATOR BOOTS	Standard PPE (Group 2) with Chemical Gloves, Boots, Face Shield, Splash Goggles and Required Respirator
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		Half Face, Organic Vapor Acid
Chemical Gloves Type		Butyl Rubber

PPE Example

