


Assign Hazard Band by using Hazard Class or Hazard Statement information from Section 2 of the SDS or Supplier Label.

HAZARD BAND	GENERAL DESCRIPTION	GHS HEALTH HAZARD CLASS	GHS HEALTH HAZARD STATEMENTS
E	SPECIAL CASES Proven Carcinogen Proven Respiratory Sensitizers	Carcinogenicity Category IA, 1B Respiratory Sensitization Category IA, 1B Germ Cell Mutagenicity Category IA, 1B, 2	H334, H340, H341, H350
D	MOST HAZARDOUS Probable, Possible Carcinogen Reproductive Hazard Repeated Exposure	Acute Toxicity any route Category 1, 2 Carcinogenicity Category 2 STOT Repeated Exposure Category 1 Reproductive Toxicity Category 1, 2	H300, H310, H330, H351, H360, H361, H362, H372
C	SOMEWHAT HAZARDOUS Systematic toxins and corrosive agents	Acute Toxicity any route Category 3 Skin Corrosion Category IA, 1B, IC Serious eye damage Category 1 Acute Toxicity Inhalation Category 3 STOT single Respiratory Category 3 STOT single Skin Sensitivity Category 1 STOT repeated Any Route Category 2	H301, H311, H314, H317, H318, H331, H335, H370, H373
B	SOMEWHAT LESS HAZARDOUS Causes harm with single exposure	Acute Toxicity any route Category 4 STOT repeated Category 4	H302, H312, H332, H371
A	LEAST HAZARDOUS Reversible irritants	Acute Toxicity any route Category 5 Aspiration Hazard Category 1 Skin Irritation Category 2 Eye Irritation Category 2 STOT single Narcotic Effects	H303, H304, H305, H313, H315, H316, H319, H320, H333, H336
N	Not Classified by GHS	Not Classified by GHS	

Simplified Risk Matrix			
Hazard Group E Proven cancer and reproductive effects; respiratory sensitizer	Extreme Risk Eliminate or substitute if possible; implement exposure control plan (ECP)		
Hazard Group D Very toxic on single exposure; possible cancer and reproductive effects	Medium Risk Use Local Exhaust Ventilation (LEV)	High Risk Contain using Engineering Controls	Extreme Risk Eliminate if possible; do not process hazard analysis; implement control plan (ECP)
Hazard Group C Corrosive to skin; Severely irritating; skin sensitizer	Medium Risk Use Local Exhaust Ventilation (LEV)	Medium Risk Use Local Exhaust Ventilation (LEV)	High Risk Contain using Engineering Controls
Hazard Group B Harmful on single exposure	Low Risk Use Natural Ventilation with ample airflow to remove dusts and vapors	Medium Risk Use Local Exhaust Ventilation (LEV)	Medium Risk Use Local Exhaust Ventilation (LEV)
Hazard Group A Mild and reversible skin and eye irritants	Low Risk Use Natural Ventilation with ample airflow to remove dusts and vapors		
 www.chemscape.com	Exposure Potential 1 Quantity - Small Dustiness - low Volatility - low	Exposure Potential 2 Quantity - medium Dustiness - medium/high Volatility - medium/high	Exposure Potential 3 Quantity - high Dustiness - medium/high Volatility - high (gases are grouped here)