

Examples of Chemicals Banded in Tier 1

Examples of chemicals that NIOSH has banded by using the Tier 1 process are provided below.

Chemical Name: Bentazone

Chemical Name: Bentazone CAS: 25057-89-0					
Endpoint		Hazard Code	Hazard Category	H-code source	Endpoint Band
Acute Toxicity	Inhalation				C
	Oral	H302	Category 4	GHS	
	Dermal				
Skin Corrosion/Irritation					
Serious Eye Damage/ Eye Irritation		H319	Category 2	GHS	C
Respiratory and Skin Sensitization		H317	Category 1	GHS	C
Germ Cell Mutagenicity					
Carcinogenicity					
Reproductive Toxicity					
Specific Target Organ Toxicity					
Most Protective Band					C

Result:

Band C is assigned as a result of the Tier 1 evaluation. A Tier 2 evaluation is recommended.

Data Source:

GESTIS: <http://www.dguv.de/ifa/gestis-database>

Chemical Name: Perfluorooctane Sulfonic Acid

Chemical Name: Perfluorooctane Sulfonic Acid					
CAS: 1763-23-1					
Endpoint		Hazard Code	Hazard Category	H-code Source	Endpoint Band
Acute Toxicity	Inhalation	H332	Category 4	GHS	C
	Oral	H302	Category 4	GHS	
	Dermal				
Skin Corrosion/Irritation		H314	Category 1B	GHS	E
Eye Damage/Eye Irritation					
Respiratory and Skin Sensitization					
Germ Cell Mutagenicity					
Carcinogenicity		H351	Category 2	GHS	E
Reproductive Toxicity		H360D	Category 1B	GHS	D
Specific Target Organ Toxicity		H372	Category 1	GHS	E
Most Protective Band					E

Result:

Band E is assigned as a result of the Tier 1 evaluation. A Tier 2 evaluation is optional.

Data Source:

GESTIS: <http://www.dguv.de/ifa/gestis-database>