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

Germ Cell Mutagenicity

Reproductive Toxicity

Specific Target Organ

Most Protective Band

Carcinogenicity

CAS: 25057-89-0								
Endpoint		Hazard Code	Hazard Category	H-code source	Endpoint Band			
	Inhalation							
Acute Toxicity	Oral	H302	Category 4	GHS	С			
	Dermal							
Skin Corrosion/Irritation								
Serious Eye Damage/ Eye Irritation		H319	Category 2	GHS	С			
Respiratory and Skin Sensitization		Н317	Category 1	GHS	С			

Result:

Toxicity

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

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 \mathbf{C}

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Chemical Name: Perfluorooctane Sulfonic Acid

Chemical Name: Perfluorooctane Sulfonic Acid

CAS: 1763-23-1

CAS: 1763-23-1							
Endpoint		Hazard Code	Hazard Category	H-code Source	Endpoint Band		
Acute Toxicity	Inhalation	Н332	Category 4	GHS	C		
	Oral	H302	Category 4	GHS			
	Dermal						
Skin Corrosion/Irritation		Н314	Category 1B	GHS	Е		
Eye Damage/Eye Irritation							
Respiratory and Skin Sensitization							
Germ Cell Mutagenicity							
Carcinogenicity		Н351	Category 2	GHS	Е		
Reproductive Toxicity		H360D	Category 1B	GHS	D		
Specific Target Organ Toxicity		Н372	Category 1	GHS	Е		
	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

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