

Record of Group Standard Allocation (Compliance Record) for: Sodium Bisulphate, Technical 92%



Substance		Composition				Assessment - How		
NAME	Sodium Bisulphate, Technical 92%	Ingredient	CAS #	conc	HSNO or GHS classes	NZIoC	Assessor	Birgit Rahm
Code	no assigned	sodium bisulphate	7681-38-1	92%	CCID: 8.2C, 8.3A, should also include 6.1E (oral), however in EU this is classed ONLY 8.3A, According to the EC Regulation No. 1272/2008 and subsequent regulations, the sodium bisulphate is not classified as skin irritant.	HSNO Approval: HSR003951	Date	19 October 2021
Alt name	NA						Sources	EPA CCID
Supplier	Argo International Ltd						Status	Legal under HSNO
Use	Pool Chemical, Process Chemical						Classification	
UN	NA						HSNO classes	GHS 7 class
Packing group	NA						8.3A	eye corrosive cat 1
UN Desc	NA							Hazard statement
DG class	NA						NA	H318 - Causes serious eye damage.
subsidiary risk	NA						NA	NA
Limited quantities	NA						NA	NA
HAZCHEM	NA						NA	NA
Appearance	off white granules						NA	NA
Odour	no odour						NA	NA
Specific gravity/density	2.1030 g/cm3 @20°C						NA	NA
Solubility	no data						NA	NA
pH	no data						NA	NA
Flash point	no data						NA	NA
Vapour pressure	no data						NA	NA
Boiling point	decomposes at 315°C						NA	NA
Volatile materials	no data						NA	NA
							Type of approval	Group Standard
							Approval No	HSR002684, HSR002503
							Approval Description	Water Treatment Chemicals (Subsidiary Hazard) Group Standard 2020, Additives, Process Chemicals and Raw Materials (Subsidiary Hazard) Group Standard 2020
		Comment	eye dam cat 1					

Type	Data (reviewed for mixture and ingredients)	GHS Classes
Explosive		
Class 1	No ingredients are explosive	NA
Flammable		
Flammable gas	not a gas	NA
Flammable liquid	not flammable	NA
Flammable solid	not a solid	NA
Oxidising		
Oxidising liquid or solid	Not an oxidiser	NA
Organic peroxide	Not an organic peroxide	NA
Toxic/Corrosive		
Acute toxicity (oral)	sodium bisulphate: 2140mg/kg, but EPA does not class this as harmful	NA
Acute toxicity (dermal)	no evidence of dermal toxicity	NA
Acute toxicity (inhalation)	no evidence of inhalation toxicity	NA
Skin corr/irritation	pH 1, EPA has classified this as 8.2C, but EU CLP - not classed as irritating	NA
Eye damage/irritation	pH 1. EPA has classified as 8.3A, EU CLP: Eye dam 1, H318	eye dam cat 1
Sensitisation	No evidence	NA
Mutagenicity	No evidence of mutagenicity	NA
Carcinogenicity	No evidence of carcinogenicity	NA
Reproductive/Developmental toxicity	No evidence of reproductive toxicity	NA
System Target Organ Toxicity	No evidence of systemic toxicity	NA
Ecotoxic		
Aquatic ecotoxicity	sum of 9.1D <25%, not triggered	NA
Terrestrial ecotoxicity	no evidence of ecotoxicity in soil	NA
Biocidal action	not designed as a biocide	NA

HSNO requirements			
Control	Required?	Limit	Comment
SDS required?	yes	any quantity	
Certified handlers required?	no	not required	
Level 3 plan required?	yes	10000kg	
Hazardous substances atmosphere zone?	no	not required	
Fire extinguishers required?	no	not required	
Signage required?	yes	1000kg	
Tracking required?	no	not required	
Hazardous substance Location compliance certificate ?	no	not required	
comment			
NZ Workplace Exposure Standards			
Ingredient	WES - 8 hr	STEL	EEL
Total dust (nuisance)	10 mg/kg	NA	
sodium bisulphate	data unavailable	data unavailable	data unavailable