

Versi 1.7	ion	Revision Date: 28.09.2024		S Number: 5919-00008		sue: 30.09.2023 sue: 30.06.2020	
Sect	ion 1: l	dentification					
	Product name		:	Sodium Bicarbon	ate Formulatior	1	
	Manufacturer or supplier's details						
	Compa	ny	:	MSD			
	Address		:	33 Whakatiki Street - Private Bag 908 Upper Hutt - New Zealand			
	Telepho	one	:	0800 800 543			
	Emerge	ency telephone number	• :	0800 764 766 (08 CHEMCALL)	800 POISON)	0800 243 622 (0800	
	E-mail a	address	:	EHSDATASTEW	/ARD@msd.cor	n	
	Recom	mended use of the cl	nemi	ical and restriction	ons on use		
		mended use ions on use	:	Veterinary produ Not applicable	ct		

Section 2: Hazard identification

GHS Classification

Not a hazardous substance or mixture.

GHS label elements

No hazard pictogram, no signal word, no hazard statement(s), no precautionary statement(s) required.

Other hazards which do not result in classification

None known.

Section 3: Composition/information on ingredients

Substance / Mixture	:	Mixture
Components		

No hazardous ingredients

Section 4: First-aid measures

If inhaled	:	If inhaled, remove to fresh air. Get medical attention if symptoms occur.
In case of skin contact	:	Wash with water and soap as a precaution. Get medical attention if symptoms occur.



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In cas	e of eye contact	:		vater as a precaution. ntion if irritation develops and persists.			
lf swa	llowed	:	 If swallowed, DO NOT induce vomiting. Get medical attention if symptoms occur. Rinse mouth thoroughly with water. 				
	mportant symptoms ffects, both acute and ed	:	None known.				
	ction of first-aiders to physician	:		utions are necessary for first aid responders ically and supportively.			
Section 5:	Fire-fighting measure	S					
Suitat	ble extinguishing media	:	Water spray Alcohol-resistant Carbon dioxide (0 Dry chemical				
Unsui media	table extinguishing	:	None known.				
Specii fightin	fic hazards during fire- g	:	Exposure to com	bustion products may be a hazard to health.			
Hazar ucts	dous combustion prod-	:	Carbon oxides Metal oxides				
Speci ⁱ ods	fic extinguishing meth-	:	cumstances and Use water spray	g measures that are appropriate to local cir- the surrounding environment. to cool unopened containers. ged containers from fire area if it is safe to d			
	al protective equipment ofighters	:	essary.	ned breathing apparatus for firefighting if nec tective equipment.			

Personal precautions, protec- tive equipment and emer- gency procedures	:	Follow safe handling advice (see section 7) and personal pro- tective equipment recommendations (see section 8).
Environmental precautions	:	Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.



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		ls and materials for ment and cleaning up	:	For large spills, pr ment to keep mate be pumped, store Clean up remaining bent. Local or national r posal of this mate employed in the c mine which regula Sections 13 and 1	t absorbent material. rovide dyking or other appropriate contain- erial from spreading. If dyked material can recovered material in appropriate container. In materials from spill with suitable absor- regulations may apply to releases and dis- rial, as well as those materials and items leanup of releases. You will need to deter- ations are applicable. 5 of this SDS provide information regarding tional requirements.
Sect	tion 7: I	Handling and storage	•		
	Technie	cal measures	:		measures under EXPOSURE SONAL PROTECTION section.
	Local/T	otal ventilation	:	Use only with ade	
	Advice	on safe handling	:	practice, based or sessment	ance with good industrial hygiene and safety in the results of the workplace exposure as- ent spills, waste and minimize release to the
	Hygien	e measures	:	flushing systems a place. When using do no Wash contaminate The effective oper engineering contra appropriate degov industrial hygiene	emical is likely during typical use, provide eye and safety showers close to the working of eat, drink or smoke. ed clothing before re-use. ration of a facility should include review of ols, proper personal protective equipment, whing and decontamination procedures, monitoring, medical surveillance and the ive controls
	Conditi	ons for safe storage	:		ive controls. abelled containers. ce with the particular national regulations.
	Materia	als to avoid	:		the following product types:

Section 8: Exposure controls/personal protection

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Engineering measures :	Use appropriate engineering controls and manufacturing technologies to control airborne concentrations (e.g., dripless quick connections). All engineering controls should be implemented by facility design and operated in accordance with GMP principles to
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					workers, and the environment. tions do not require special containment.			
		nal protective equipme	ent					
	Respira	atory protection	:	No personal resp quired.	iratory protective equipment normally re-			
	Hand protection Material		:	Chemical-resistant gloves				
		otection nd body protection	:	 Wear safety glasses with side shields or goggles. If the work environment or activity involves dusty condition mists or aerosols, wear the appropriate goggles. Wear a faceshield or other full face protection if there is a potential for direct contact to the face with dusts, mists, or aerosols. Work uniform or laboratory coat. 				
			•					
Sec	tion 9:	Physical and chemica	l pr	operties				
	Appea	rance	:	Aqueous solution	n			
	Colour		:	colourless				
				clear				
	Odour		:	odourless				
	Odour	Threshold	:	No data available	e			
	рН		:	7.0 - 8.5 (as aqueous solu	ution)			
	Melting	point/freezing point	:	No data available	e			
	Initial b range	poiling point and boiling	:	No data available	e			
	Flash p	point	:	No data available	e			
	Evapoi	ration rate	:	No data available	e			
	Flamm	ability (solid, gas)	:	Not applicable				
	Flamm	ability (liquids)	:	No data available	e			
		explosion limit / Upper ability limit	:	No data available	e			
		explosion limit / Lower ability limit	:	No data available	e			
	Vapou	r pressure	:	No data available	e			



Versior 1.7	n Revision Date: 28.09.2024		S Number: 95919-00008	Date of last issue: 30.09.2023 Date of first issue: 30.06.2020
D	alativo vanour density		No data availabl	
Relative vapour density		•		
Re	elative density	:	No data availabl	e
De	ensity	:	0.900 - 1.100 g/d	cm ³
So	blubility(ies) Water solubility	:	No data availabl	e
	artition coefficient: n-	:	Not applicable	
	tanol/water uto-ignition temperature	:	No data availabl	e
De	ecomposition temperature	:	No data availabl	e
Vi	scosity Viscosity, kinematic	:	No data availabl	е
E>	plosive properties	:	Not explosive	
O	kidizing properties	:	The substance c	or mixture is not classified as oxidizing.
M	olecular weight	:	No data availabl	e
	article characteristics article size	:	Not applicable	

Section 10: Stability and reactivity

Reactivity Chemical stability Possibility of hazardous reac- tions	:	
Conditions to avoid Incompatible materials Hazardous decomposition products	:	Oxidizing agents

Section 11: Toxicological information

Exposure routes	: Inhalation
-	Skin contact
	Ingestion
	Eye contact

Acute toxicity

Not classified based on available information.

Skin corrosion/irritation

Not classified based on available information.

SAFETY DATA SHEET



Sodium Bicarbonate Formulation

ous eye damage/eye classified based on ava		
piratory or skin sensi	tisation	
	ailable information.	
•		
onic toxicity		
	ailable information.	
	ailable information.	
-	ailable information.	
	ailable information.	
• •		
-	ailable information.	
2: Ecological inform	ation	
•		
•	bility	
ccumulative potentia	I	
	biratory or skin sensi sensitisation classified based on available biratory sensitisation classified based on available based on available inogenicity classified based on available istence and degradal ata available	Alassified based on available information. Diratory sensitisation classified based on available information. Anic toxicity In cell mutagenicity classified based on available information. inogenicity classified based on available information. Foductive toxicity classified based on available information. T - single exposure classified based on available information. T - repeated exposure classified based on available information. T - repeated exposure classified based on available information. 2: Ecological information oxicity ata available istence and degradability

No data available

Mobility in soil

No data available

Other adverse effects

No data available

Section 13: Disposal considerations

Disposal methods

Waste from residues	:	Do not dispose of waste into sewer.	
		Dispose of in accordance with local regulations.	





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Conta	minated packaging	:	dling site for recy	s should be taken to an approved waste han cling or disposal. pecified: Dispose of as unused product.
Section 14	4: Transport information	on		
Intern	national Regulations			
Class Subsi Packii Labels	umber er shipping name diary risk ng group	:	Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable no	
Class Subsi Packii Labels Packii aircra	o No. er shipping name diary risk ng group s ng instruction (cargo ft) ng instruction (passen-		Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable	
UN nu Prope Class Subsid Packii Labels EmS (er shipping name diary risk ng group s	:	Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable	
		-		OL 73/78 and the IBC Code
•	oplicable for product as	supp	blied.	
Natio	nal Regulations			
UN n	5433 Jumber er shipping name	:	Not applicable Not applicable	

UN number	:	Not applicable
Proper shipping name	:	Not applicable
Class	:	Not applicable
Subsidiary risk	:	Not applicable
Packing group	:	Not applicable
Labels	:	Not applicable
Hazchem Code	:	Not applicable



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Special precautions for user

Not applicable

Section 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture

HSNO Approval Number Not applicable Tolerable Exposure Limits (TEL) Not applicable

Environmental Exposure Limits (EEL)

Not applicable

HSW Controls

Certified handler certificate not required. Tracking hazardous substance not required.

Refer to the Health and Safety at Work (Hazardous Substances) Regulations 2017, for further information.

The components of this product are reported in the following inventories:

DSL	:	not determined
AICS	:	not determined
IECSC	:	not determined

Section 16: Other information

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Further information		
Sources of key data used to compile the Safety Data Sheet	:	Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agen- cy, http://echa.europa.eu/
Date format	:	dd.mm.yyyy

Full text of other abbreviations

AIIC - Australian Inventory of Industrial Chemicals; ANTT - National Agency for Transport by Land of Brazil; ASTM - American Society for the Testing of Materials; bw - Body weight; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; ERG - Emergency Response Guide; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA



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- International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration: ICAO - International Civil Aviation Organization: IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; Nch - Chilean Norm; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NOM - Official Mexican Norm; NTP - National Toxicology Program; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; TCSI - Taiwan Chemical Substance Inventory; TDG - Transportation of Dangerous Goods; TECI - Thailand Existing Chemicals Inventory; TSCA - Toxic Substances Control Act (United States); UN - United Nations; UNRTDG - United Nations Recommendations on the Transport of Dangerous Goods; vPvB - Very Persistent and Very Bioaccumulative: WHMIS - Workplace Hazardous Materials Information System

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and shall not be considered a warranty or quality specification of any type. The information provided relates only to the specific material identified at the top of this SDS and may not be valid when the SDS material is used in combination with any other materials or in any process, unless specified in the text. Material users should review the information and recommendations in the specific context of their intended manner of handling, use, processing and storage, including an assessment of the appropriateness of the SDS material in the user's end product, if applicable.

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