

Cimetidine Formulation

Version 2.1	Revision Date: 30.09.2023	SDS Number: 4242359-00010	Date of last issue: 04.04.2023 Date of first issue: 03.05.2019
SECTIO	N 1: Identification of	the substance/	mixture and of the company/undertaking
1.1 Produ	ıct identifier		
Trade	e name	: Cimetidine F	ormulation
1.2 Relev	ant identified uses of	the substance or	mixture and uses advised against
	of the Sub- ce/Mixture	: Pharmaceut	ical
Recc on us	ommended restrictions se	: Not applicab	le
1.3 Detail	s of the supplier of the	e safety data shee	et
Com	pany	: MSD 20 Spartan F 1619 Sparta	Road an, South Africa
Telep	phone	: +271192393	00
	ail address of person onsible for the SDS	: EHSDATAS	TEWARD@msd.com
	gency telephone numl 08-423-6000	ber	

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Reproductive toxicity, Category 1B Specific target organ toxicity - repeated exposure, Category 2 H360D: May damage the unborn child. H373: May cause damage to organs through prolonged or repeated exposure.

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms	:	
Signal word	:	Danger
Hazard statements	:	H360D May damage the unborn child. H373 May cause damage to organs through prolonged or repeated exposure.



Cimetidine Formulation

Version 2.1	Revision Date: 30.09.2023	SDS Number: 4242359-00010	Date of last issue: 04.04.2023 Date of first issue: 03.05.2019
Preca	utionary statements	P260 Do not bro	ecial instructions before use. eathe dust. rective gloves/ protective clothing/ eye protec- on.
		Response: P308 + P313 IF attention. Storage:	exposed or concerned: Get medical advice/
		P405 Store lock	ked up.

Hazardous components which must be listed on the label: cimetidine

Additional Labelling

The following percentage of the mixture consists of ingredient(s) with unknown hazards to the aquatic environment: 40 %

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Dust contact with the eyes can lead to mechanical irritation.

Contact with dust can cause mechanical irritation or drying of the skin.

May form explosive dust-air mixture during processing, handling or other means.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
cimetidine	51481-61-9 257-232-2	Repr. 1B; H360D STOT RE 2; H373 (Liver, Kidney, Tes- tis)	>= 30 - < 50

For explanation of abbreviations see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General advice

: In the case of accident or if you feel unwell, seek medical advice immediately.

When symptoms persist or in all cases of doubt seek medical advice.



Cimetidine Formulation

Versio 2.1	on	Revision Date: 30.09.2023		0S Number: 42359-00010	Date of last issue: 04.04.2023 Date of first issue: 03.05.2019			
Ρ	Protect	ion of first-aiders	:	: First Aid responders should pay attention to self-protection, and use the recommended personal protective equipment when the potential for exposure exists (see section 8).				
lf	f inhale	ed	:	If inhaled, remove Get medical atter				
Ir	In case of skin contact			of water. Remove contamin Get medical atter Wash clothing be				
Ir	n case	of eye contact	:	If in eyes, rinse w Get medical atter	ell with water. tion if irritation develops and persists.			
lf	If swallowed		:	If swallowed, DO NOT induce vomiting. Get medical attention. Rinse mouth thoroughly with water.				
4.2 M	ost im	portant symptoms a	nd e	effects, both acute	e and delayed			
R	Risks		:	May damage the May cause dama exposure.	unborn child. ge to organs through prolonged or repeated			
				the skin.	can cause mechanical irritation or drying of the eyes can lead to mechanical irritation.			
4.3 In	dicatio	on of any immediate	med	dical attention and	d special treatment needed			
	reatm	-	:		cally and supportively.			
SECT	FION :	5: Firefighting meas	sur	es				
5 1 Fx	rtinau	ishing media						
	-	e extinguishing media	:	Water spray Alcohol-resistant Carbon dioxide (C Dry chemical				
	Jnsuita nedia	ble extinguishing	:	None known.				
5.2 Sp	pecial	hazards arising from	the	e substance or mi	xture			
S		c hazards during fire-	:	Avoid generating concentrations, a potential dust exp	dust; fine dust dispersed in air in sufficient nd in the presence of an ignition source is a			
Н	lazard	ous combustion prod-	:	Carbon oxides				



Version 2.1	Revision Date: 30.09.2023	-	DS Number: 42359-00010	Date of last issue: 04.04.2023 Date of first issue: 03.05.2019
ucts			Nitrogen oxides (I Sulphur oxides Metal oxides	NOx)
Specia for fire	for firefighters Il protective equipment fighters ic extinguishing meth-	:	Use personal prof Use extinguishing cumstances and t Use water spray t	e, wear self-contained breathing apparatus. tective equipment. 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 do

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions	:	Use personal protective equipment.
		Follow safe handling advice (see section 7) and personal pro- tective equipment recommendations (see section 8).

6.2 Environmental precautions

Environmental precautions	 Avoid release to the environment. Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	 Sweep up or vacuum up spillage and collect in suitable crainer for disposal. Avoid dispersal of dust in the air (i.e., clearing dust surface with compressed air). Dust deposits should not be allowed to accumulate on sures, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Local or national regulations may apply to releases and deposal of this material, as well as those materials and item employed in the cleanup of releases. You will need to determine which regulations are applicable. Sections 13 and 15 of this SDS provide information regar certain local or national requirements. 	ces rfac- - lis- is ter-
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6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Technical measures

: Static electricity may accumulate and ignite suspended dust



Cimetidine Formulation

Version 2.1	Revision Date: 30.09.2023		OS Number: 42359-00010	Date of last issue: 04.04.2023 Date of first issue: 03.05.2019			
Local	/Total ventilation	:	and bonding, of If sufficient ven	losion. ate precautions, such as electrical grounding r inert atmospheres. tilation is unavailable, use with local exhaust			
Advice on safe handling			 ventilation. Do not get on skin or clothing. Do not breathe dust. Do not swallow. Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment Keep container tightly closed. Minimize dust generation and accumulation. Keep container closed when not in use. Keep away from heat and sources of ignition. Take precautionary measures against static discharges. Take care to prevent spills, waste and minimize release to th environment. 				
Hygiene measures		:	 If exposure to chemical is likely during typical use, provid flushing systems and safety showers close to the working place. When using do not eat, drink or smoke. Wash con nated clothing before re-use. The effective operation of a facility should include review engineering controls, proper personal protective equipme appropriate degowning and decontamination procedures industrial hygiene monitoring, medical surveillance and th use of administrative controls. 				
7.2 Condi	tions for safe storage,	incl	uding any inco	mpatibilities			
Requi	irements for storage and containers	:	Keep in proper	y labelled containers. Store locked up. Keep Store in accordance with the particular national			
Advic	e on common storage	:	Strong oxidizin	ibstances and mixtures			
7.3 Specif	ic end use(s)						
	· · · · · · · · · · · · · · · · · · ·						

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
cimetidine	51481-61-9	TWA	1000 µg/m3 (OEB 1)	
Cellulose	9004-34-6	OEL-RL	10 mg/m3	ZA OEL



Version 2.1	Revision Dat 30.09.2023		Number: 359-00010		ssue: 04.04.2023 ssue: 03.05.2019	
		Further inform Hazardous Cl			Limits - Restricted	Limits For
Starc	h	9005-25-8	OEL-RL	10 mg/m	3	ZA OEL
		Further inform Hazardous Cl			Limits - Restricted	Limits For

8.2 Exposure controls

Engineering measures

Use feasible engineering controls to minimize exposure to compound. All engineering controls should be implemented by facility design and operated in accordance with GMP principles to protect products, workers, and the environment.

Personal protective equipment

Eye/face protection	:	Wear safety glasses with side shields or goggles. If the work environment or activity involves dusty conditions, 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.
Hand protection Material	:	Chemical-resistant gloves
Skin and body protection Respiratory protection	:	Work uniform or laboratory coat. If adequate local exhaust ventilation is not available or expo- sure assessment demonstrates exposures outside the rec- ommended guidelines, use respiratory protection.
Filter type	:	Particulates type (P)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance Colour Odour Odour Threshold	:	powder No data available No data available No data available
рН	:	No data available
Melting point/freezing point	:	No data available
Initial boiling point and boiling range	:	No data available
Flash point	:	Not applicable
Evaporation rate	:	Not applicable
Flammability (solid, gas)	:	May form explosive dust-air mixture during processing, han- dling or other means.
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower	:	No data available



Cimetidine Formulation

Vers 2.1	sion	Revision Date: 30.09.2023		S Number: 42359-00010	Date of last issue: 04.04.2023 Date of first issue: 03.05.2019
	flamma	ability limit			
	Vapou	rpressure	:	Not applicable	
	Relativ	e vapour density	:	Not applicable	
	Relativ	e density	:	No data availabl	e
	Density	/	:	No data available	e
		ter solubility n coefficient: n-	:	No data available Not applicable	e
	Auto-ig	nition temperature		No data availabl	e
	Decom	position temperature	:	No data available	e
	Viscosi Visc	ity cosity, kinematic	:	Not applicable	
	Explos	ive properties	:	Not explosive	
	Oxidizi	ng properties	:	The substance of	r mixture is not classified as oxidizing.
9.2 (Other ir	nformation			
	Flamm	ability (liquids)	:	No data available	e
	Molecu	ılar weight	:	No data available	e
	Particle	e size	:	No data availabl	e

SECTION 10: Stability and reactivity

10.1 Reactivity

Not classified as a reactivity hazard.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactio	ns
Hazardous reactions :	May form explosive dust-air mixture during processing, han- dling or other means. Can react with strong oxidizing agents.
10.4 Conditions to avoid	
Conditions to avoid :	Heat, flames and sparks. Avoid dust formation.
10.5 Incompatible materials Materials to avoid :	Oxidizing agents



Cimetidine Formulation

10.6 Hazardous decomposition products No hazardous decomposition products are known. SECTION 11: Toxicological information 11.1 Information on toxicological effects Information on likely routes of exposure Inhalation Skin contact Ingestion exposure Skin contact Ingestion Eye contact Acute toxicity Not classified based on available information. Components: cimetidine: Acute oral toxicity : LD50 (Rat): > 5.000 mg/kg LD50 (Mouse): 2.550 mg/kg LD50 (Mouse): 2.550 mg/kg LD50 (Hamster): > 4.000 mg/kg Application Route: Intravenous LD50 (Rat): 106 mg/kg Application Route: Intravenous LD50 (Rabbit): 164 mg/kg Application Route: Intravenous LD50 (Rabbit): 164 mg/kg Application Route: Subcutaneous LD50 (Mouse): 437 mg/kg Application Route: Subcutaneous Stin corrosion/irritation Not classified based on available information. Serious eye damage/eye irritation Not classified based on available information. Serious eye damage/eye irritation Not classified based on available information.	Version 2.1		SDS Number: 4242359-00010	Date of last issue: 04.04.2023 Date of first issue: 03.05.2019
11.1 Information on toxicological effects Information on likely routes of exposure Inhalation Skin contact Ingestion Ligestion Eye contact Acute toxicity Not classified based on available information. Components: cimetidine: Acute oral toxicity : LD50 (Rat): > 5.000 mg/kg Acute oral toxicity : LD50 (Mouse): 2.550 mg/kg Acute toxicity (other routes of administration) : LD50 (Rat): 106 mg/kg Acute toxicity (other routes of administration) : LD50 (Rat): 106 mg/kg Application Route: Intravenous LD50 (Rat): 164 mg/kg Application Route: Intravenous LD50 (Rabit): 164 mg/kg Application Route: Subcutaneous LD50 (Rouse): 437 mg/kg Application Route: Subcutaneous Symptoms: Convulsions Symptoms: Convulsions Skin corrosion/irritation Not classified based on available information. Serious eye damage/eye irritation Not classified based on available information. Serious eye damage/eye irritation				
Information on likely routes of exposureInhalation Skin contact Ingestion Eye contactAcute toxicityEye contactNot classified based on available information.Components:cimetidine:LD50 (Rat): > 5.000 mg/kg LD50 (Mouse): 2.550 mg/kg LD50 (Hamster): > 4.000 mg/kgAcute toxicity (other routes of administration)LD50 (Rat): 106 mg/kg Application Route: Intravenous LD50 (Rat): 164 mg/kg Application Route: Subcutaneous LD50 (Mouse): 4.37 mg/kg 	SECTION	N 11: Toxicological inf	ormation	
exposureSkin contact Ingestion Eye contactAcute toxicityNot classified based on available information.Components:cimetidine:Acute oral toxicity:LD50 (Rat): > 5.000 mg/kgLD50 (Mouse): 2.550 mg/kgLD50 (Hamster): > 4.000 mg/kgAcute toxicity (other routes of administration)LD50 (Rat): 106 mg/kg Application Route: IntravenousLD50 (Rat): 164 mg/kg Application Route: SubcutaneousLD50 (Rat): 860 mg/kg Application Route: SubcutaneousLD50 (Mouse): 4.37 mg/kg Application Route: Subcutaneous Symptoms: ConvulsionsSkin corrosion/irritationNot classified based on available information.Serious eye damage/eye irritation Not classified based on available information.	11.1 Infor	mation on toxicological	effects	
Not classified based on available information. Components: cimetidine: Acute oral toxicity : LD50 (Rat): > 5.000 mg/kg LD50 (Mouse): 2.550 mg/kg LD50 (Hamster): > 4.000 mg/kg Acute toxicity (other routes of administration) : LD50 (Rat): 106 mg/kg Application Route: Intravenous LD50 (Rat): 164 mg/kg Application Route: Intravenous LD50 (Rat): 860 mg/kg Application Route: Subcutaneous LD50 (Mouse): 4.37 mg/kg Application Route: Subcutaneous Stin corrosion/irritation Not classified based on available information. Serious eye damage/eye irritation: Not classified based on available information.		•	Skin contact Ingestion	
cimetidine:Acute oral toxicity:LD50 (Rat): > 5.000 mg/kgLD50 (Mouse): 2.550 mg/kgLD50 (Mouse): 2.550 mg/kgAcute toxicity (other routes of administration):LD50 (Rat): 106 mg/kgAcute toxicity (other routes of administration):LD50 (Rat): 106 mg/kgApplication Route: Intravenous.LD50 (Rat): 164 mg/kgApplication Route: IntravenousLD50 (Rat): 860 mg/kgApplication Route: SubcutaneousLD50 (Mouse): 437 mg/kgApplication Route: SubcutaneousSkin corrosion/irritation.Not classified based on available information.Serious eye damage/eye irritationNot classified based on available information.		-	ble information.	
Acute oral toxicity : LD50 (Rat): > 5.000 mg/kg LD50 (Mouse): 2.550 mg/kg LD50 (Mouse): 2.550 mg/kg LD50 (Hamster): > 4.000 mg/kg Acute toxicity (other routes of administration) : LD50 (Rat): 106 mg/kg Application Route: Intravenous LD50 (Rat): 164 mg/kg Application Route: Intravenous LD50 (Rat): 860 mg/kg Application Route: Subcutaneous LD50 (Mouse): 437 mg/kg Application Route: Subcutaneous Symptoms: Convulsions Skin corrosion/irritation Not classified based on available information. Serious eye damage/eye irritation Not classified based on available information.	Com	ponents:		
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Acute toxicity (other routes of administration) LD50 (Rat): 106 mg/kg Application Route: Intravenous LD50 (Rabbit): 164 mg/kg Application Route: Intravenous LD50 (Rat): 860 mg/kg Application Route: Subcutaneous LD50 (Rat): 860 mg/kg 			LD50 (Mouse):	2.550 mg/kg
administration) Application Route: Intravenous LD50 (Rabbit): 164 mg/kg Application Route: Intravenous LD50 (Rat): 860 mg/kg Application Route: Subcutaneous LD50 (Mouse): 437 mg/kg Application Route: Subcutaneous Skin corrosion/irritation Not classified based on available information. Serious eye damage/eye irritation Not classified based on available information.			LD50 (Hamster): > 4.000 mg/kg
Application Route: Intravenous LD50 (Rat): 860 mg/kg Application Route: Subcutaneous LD50 (Mouse): 437 mg/kg Application Route: Subcutaneous Skin corrosion/irritation Not classified based on available information. Serious eye damage/eye irritation Not classified based on available information.				
Application Route: Subcutaneous LD50 (Mouse): 437 mg/kg Application Route: Subcutaneous Symptoms: Convulsions Skin corrosion/irritation Not classified based on available information. Serious eye damage/eye irritation Not classified based on available information.				
Application Route: Subcutaneous Symptoms: Convulsions Skin corrosion/irritation Not classified based on available information. Serious eye damage/eye irritation Not classified based on available information.				
Not classified based on available information. Serious eye damage/eye irritation Not classified based on available information.			Application Rou	ite: Subcutaneous
Not classified based on available information.			ble information.	

Skin sensitisation

Not classified based on available information.

Respiratory sensitisation

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Components:

cimetidine:



Cimetidine Formulation

sion	Revision Date: 30.09.2023		OS Number: 42359-00010	Date of last issue: 04.04.2023 Date of first issue: 03.05.2019
Geno	toxicity in vitro	:	Test Type: Bacte Result: negative	rial reverse mutation assay (AMES)
			Test Type: Chron Result: negative	nosomal aberration
			Test Type: unsch Test system: rat l Result: negative	eduled DNA synthesis assay hepatocytes
			Test Type: unsch Result: negative	eduled DNA synthesis assay
Carci	nogenicity			
Not c	lassified based on availa	ble	information.	
<u>Com</u>	oonents:			
cime	tidine:			
Speci		:	Rat	
	cation Route		Oral 2 Years	
	sure time et Organs	÷	Testis	
Rema		:	Benign tumor(s)	
Carci ment	nogenicity - Assess-	:	No evidence of ca	arcinogenicity in animal studies.
Repr	oductive toxicity			
May o	damage the unborn child			
Com	oonents:			
cimet	tidine:			
Effect	s on fertility	:	Species: Rat Application Route Fertility: NOAEL:	ty/early embryonic development e: Oral 950 mg/kg body weight on reproduction capacity
Effect ment	s on foetal develop-	:	Species: Rat Application Route Developmental T Symptoms: male	
Repro sessn	oductive toxicity - As- nent	:	May damage the	unborn child.
STOT	- single exposure			
Not c	lassified based on availa	ble	information.	
STOT	- repeated exposure			
Movie	average democra te exercice	a		and the stand of the second

May cause damage to organs through prolonged or repeated exposure.



Version 2.1	Revision Date: 30.09.2023	SDS Number: 4242359-00010	Date of last issue: 04.04.2023 Date of first issue: 03.05.2019
Com	ponents:		
Expo Targe	tidine: sure routes et Organs ssment	 Oral Liver, Kidney, May cause da exposure. 	Testis mage to organs through prolonged or repeated
Repe	ated dose toxicity		
<u>Com</u>	ponents:		
cime	tidine:		
Expo	EL cation Route sure time et Organs	: Rat : 160 mg/kg : Oral : 2 Months : Gastrointestin: : May cause da	al tract mage to organs.
	EL cation Route sure time	: Rat : 200 mg/kg : Oral : 12 Months : No adverse ef	fects
Expo	EL cation Route sure time et Organs	: Rat : 950 mg/kg : Oral : 2 yr : Liver, Testis, F : May cause da	Prostate mage to organs.
Expo	EL cation Route sure time et Organs	: Dog : 366 mg/kg : Oral : 12 Months : Liver, Kidney, : May cause da	Prostate mage to organs.
	EL cation Route sure time	: Dog : 144 mg/kg : Oral : 4 yr : No adverse ef	fects
Not c	ration toxicity lassified based on avai		
-	rience with human ex	posure	
	ponents:		
cime Inges	tidine: tion	: Symptoms: Th	e most common side effects are:, Headache,

10/14



Version 2.1	Revision Date: 30.09.2023		OS Number: 42359-00010	Date of last issue: 04.04.2023 Date of first issue: 03.05.2019
			nervous system effects	ea, skin rash, Itching, May cause, central effects, gynecomastia, impotence, kidney
				ause harm to breast-fed children.
SECTION	12: Ecological infor	ma	tion	
2.1 Toxic	ity			
Comp	onents:			
cimet	idine:			
	oxicology Assessment			
Acute	aquatic toxicity	:	Toxic effects car	not be excluded
Chron	ic aquatic toxicity	:	Toxic effects car	not be excluded
	stence and degradabil ta available	ity		
12.3 Bioac	cumulative potential			
<u>Comp</u>	oonents:			
	idine: on coefficient: n- bl/water	:	log Pow: 0,40	
12.4 Mobil No da	ity in soil ta available			
12.5 Resu	Its of PBT and vPvB as	sse	ssment	
<u>Produ</u>	<u>ict:</u>			
Asses	sment	:	to be either persi	nixture contains no components considered stent, bioaccumulative and toxic (PBT), or nd very bioaccumulative (vPvB) at levels of
12.6 Other	adverse effects			
<u>Produ</u>	ict:			
-	crine disrupting poten-	:	ered to have end REACH Article 5	nixture does not contain components consid locrine disrupting properties according to 7(f) or Commission Delegated regulation or Commission Regulation (EU) 2018/605 a higher.

13.1 Waste treatment methods

Product

: Dispose of in accordance with local regulations.



According to the European Waste Catalogue, Waste Codes are not product specific. but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities. Do not dispose of waste into sever. Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal. 11 UN number ADN : Not regulated as a dangerous good ADR : Not regulated as a dangerous good ADR : Not regulated as a dangerous good IATA : Not regulated as a dangerous good IATA : Not regulated as a dangerous good ADN : Not regulated as a dangerous good IATA : Not regulated as a dangerous good IATA : Not regulated as a dangerous good IMDG : Not regulated as a dangerous good ADN : Not regulated as a dangerous good IMDG : Not regulated as a dangerous good IATA : Not regulated as a dangerous good IMDG : Not regulated as a dangerous good IMDG : Not regulated as a dangerous good IATA : Not regulated as a dangerous good IATA : Not regulated as a dangerous good IMDG : Not regulated as a dangerous good <th>Versio 2.1</th> <th>on Revision Date: 30.09.2023</th> <th>SDS Number:Date of last issue: 04.04.20234242359-00010Date of first issue: 03.05.2019</th>	Versio 2.1	on Revision Date: 30.09.2023	SDS Number:Date of last issue: 04.04.20234242359-00010Date of first issue: 03.05.2019		
 14.1 UN number ADN : Not regulated as a dangerous good ADR : Not regulated as a dangerous good RID : Not regulated as a dangerous good IMDG : Not regulated as a dangerous good IATA : Not regulated as a dangerous good IATA : Not regulated as a dangerous good IATA : Not regulated as a dangerous good ADR : Not regulated as a dangerous good RID : Not regulated as a dangerous good IMDG : Not regulated as a dangerous good IATA : Not regulated a	С	Contaminated packaging	 are not product specific, but application specific. Waste codes should be assigned by the user, preferably in discussion with the waste disposal authorities. Do not dispose of waste into sewer. Empty containers should be taken to an approved waste handling site for recycling or disposal. 		
ADN:Not regulated as a dangerous goodADR:Not regulated as a dangerous goodRID:Not regulated as a dangerous goodIMDG:Not regulated as a dangerous goodIATA:Not regulated as a dangerous good14.2 UN proper shipping name:Not regulated as a dangerous goodADN::Not regulated as a dangerous goodADN::Not regulated as a dangerous goodADR::Not regulated as a dangerous goodIMDG::Not regulated as a dangerous goodIMDG::Not regulated as a dangerous goodIATA::Not regulated as a dangerous goodIATA:::Not regulated as a dangerous goodIATA:::Not regulated as a dangerous goodIATA::::Not regulated as a dangerous goodIATA:::::ADN::	SECT	TION 14: Transport ir	formation		
ADR:Not regulated as a dangerous goodRID:Not regulated as a dangerous goodIMDG:Not regulated as a dangerous goodIATA:Not regulated as a dangerous goodIATA:Not regulated as a dangerous goodADN::ADN::ADR:Not regulated as a dangerous goodADR::Not regulated as a dangerous good:ADR::Not regulated as a dangerous good:IATA::Not regulated as a dangerous good:IATA::Not regulated as a dangerous good:IATA::Not regulated as a dangerous good:ADN::ADN <t< th=""><th>14.1 L</th><th>JN number</th><th></th></t<>	14.1 L	JN number			
ADR::Not regulated as a dangerous goodRID::Not regulated as a dangerous goodIMDG::Not regulated as a dangerous goodIATA::Not regulated as a dangerous good14.2 UN proper shipping name::Not regulated as a dangerous goodADN::Not regulated as a dangerous goodADR::Not regulated as a dangerous goodIMDG::Not regulated as a dangerous goodIMDG::Not regulated as a dangerous goodIATA::Not regulated as a dangerous goodIADN::Not regulated as a dangerous goodIATA::Not regulated as a dangerous goodIATA::Not regulated as a dangerous goodIATA::Not regulated as a dangerous goodIADN::Not regulated as a dangerous goodIATA::Not regulated as a dangerous goodIATA::Not regulated as a dangerous goodIATA::Not regulated as a dangerous goodIADN:::IATA (Cargo): <td>А</td> <td>ADN</td> <td>: Not regulated as a dangerous good</td>	А	ADN	: Not regulated as a dangerous good		
RID::Not regulated as a dangerous goodIMDG::Not regulated as a dangerous goodIATA::Not regulated as a dangerous good14.2 UN proper shipping name::Not regulated as a dangerous goodADN::Not regulated as a dangerous goodADR::Not regulated as a dangerous goodADR::Not regulated as a dangerous goodIMDG::Not regulated as a dangerous goodIMDG::Not regulated as a dangerous goodIATA::Not regulated as a dangerous good <td>А</td> <td>ADR</td> <td></td>	А	ADR			
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Cimetidine Formulation

Version	Revision Date:	SDS Number:	Date of last issue: 04.04.2023
2.1	30.09.2023	4242359-00010	Date of first issue: 03.05.2019

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Remarks : Not applicable for product as supplied.

SECTION 15: Regulatory information

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

The components of this product are reported in the following inventories:				
AICS	: not determined			
ואס	· not determined			
DSL	: not determined			
IECSC	: not determined			

15.2 Chemical safety assessment

A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

Other information	:	Items where changes have been made to the previous version are highlighted in the body of this document by two vertical lines.
Full text of H-Statements H360D H373	:	May damage the unborn child. May cause damage to organs through prolonged or repeated exposure if swallowed.
Full text of other abbreviation	ons	
Repr. STOT RE ZA OEL ZA OEL / OEL-RL	:	Reproductive toxicity Specific target organ toxicity - repeated exposure South Africa. The Regulations for Hazardous Chemical Agents, Occupational Exposure Limits Occupational Exposure Limit Restricted limit - 8- hour expo- sure or equivalent (12 hour shifts)

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA -European Chemicals Agency; EC-Number - European Community number; 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; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - 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;



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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; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; 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; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; 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

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/

Classification of the mixtur	Classification procedure:	
Repr. 1B	H360D	Calculation method
STOT RE 2	H373	Calculation method

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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