

# **Diclofenac Formulation**

Version 2.1	Revision Date: 30.09.2023		Number: 237-00009	Date of last issue: 04.04.2023 Date of first issue: 23.08.2019
SECTION	I 1. IDENTIFICATION			
Prod	uct name	: C	Diclofenac Form	ulation
Man	ufacturer or supplier	s details		
Com	pany	: N	ISD	
Addr	ess			, 6th floor, Ciudad Autonoma rgentina C1013AAP
Tele	ohone	: 9	08-740-4000	
Eme	rgency telephone	: 1	-908-423-6000	
E-ma	ail address	: E	HSDATASTEV	VARD@msd.com
Reco	ommended use of the	chemic	al and restriction	ons on use
	ommended use rictions on use		/eterinary produ lot applicable	ict

### SECTION 2. HAZARDS IDENTIFICATION

GHS Classification Acute toxicity (Oral)	:	Category 4
Skin corrosion/irritation	:	Category 3
Reproductive toxicity	:	Category 2
Specific target organ toxicity - repeated exposure	:	Category 2 (Gastrointestinal tract, Blood, lymphatic system, Liver, Prostate)
Long-term (chronic) aquatic hazard	:	Category 3
GHS label elements Hazard pictograms	:	
Signal Word	:	Warning
Hazard Statements	:	H302 Harmful if swallowed. H316 Causes mild skin irritation. H361d Suspected of damaging the unborn child. H373 May cause damage to organs (Gastrointestinal tract, Blood, lymphatic system, Liver, Prostate) through prolonged or



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		repeated expo H412 Harmful	sure. to aquatic life with long lasting effects.
Preca	autionary Statements	P202 Do not h and understoo P260 Do not b P264 Wash sk P270 Do not e P273 Avoid rel	reathe mist or vapors. in thoroughly after handling. at, drink or smoke when using this product. lease to the environment. otective gloves/ protective clothing/ eye protec-
		CENTER/ doct P308 + P313 I attention.	+ P330 IF SWALLOWED: Call a POISON tor if you feel unwell. Rinse mouth. F exposed or concerned: Get medical advice/ f skin irritation occurs: Get medical advice/ atter
		<b>Storage:</b> P405 Store loc	sked up.
		<b>Disposal:</b> P501 Dispose disposal plant.	of contents/ container to an approved waste

None known.

#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture :		Mixture
-----------------------	--	---------

Components

Chemical name	CAS-No.	Concentration (% w/w)
Sodium [2-[(2,6-	15307-79-6	>= 5 -< 10
dichlorophenyl)amino]phenyl]acetate		
Benzyl alcohol	100-51-6	>= 1 -< 5

#### **SECTION 4. 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.
If inhaled In case of skin contact	:	If inhaled, remove to fresh air. Get medical attention. In case of contact, immediately flush skin with plenty of water.
	•	Remove contaminated clothing and shoes.



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	se of eye contact allowed	: Flush eyes with Get medical att : If swallowed, D	before reuse. an shoes before reuse. n water as a precaution. rention if irritation develops and persists. O NOT induce vomiting.
		Never give any	oroughly with water. thing by mouth to an unconscious person.
	important symptoms	: Harmful if swal	
	effects, both acute and	Causes mild sk	
delay	eu	•	amaging the unborn child. nage to organs through prolonged or repeated
Prote	ction of first-aiders	and use the red	nders should pay attention to self-protection, commended personal protective equipment itial for exposure exists (see section 8).
Notes	s to physician		atically and supportively.

### SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	:	Water spray Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	None known.
Specific hazards during fire fighting	:	Exposure to combustion products may be a hazard to health.
Hazardous combustion prod- ucts	:	Carbon oxides Chlorine compounds Nitrogen oxides (NOx) Sodium oxides
Specific extinguishing meth- ods	:	Use extinguishing measures that are appropriate to local cir- cumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.
Special protective equipment for fire-fighters	:	In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

### SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	:	Use personal protective equipment. Follow safe handling advice (see section 7) and personal protective 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



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	ds and materials for nment and cleaning up	:	For large spills, p containment to ke can be pumped, s container. Clean up remaini absorbent. Local or national disposal of this m employed in the o determine which Sections 13 and	ned. t absorbent material. rovide diking or other appropriate eep material from spreading. If diked material store recovered material in appropriate ng materials from spill with suitable regulations may apply to releases and aterial, as well as those materials and items cleanup of releases. You will need to regulations are applicable. 15 of this SDS provide information regarding ational requirements.

#### SECTION 7. HANDLING AND STORAGE

Technical measures	See Engineering measures under EXPOS	
Local/Total ventilation	Use only with adequate ventilation.	
Advice on safe handling	Do not get on skin or clothing.	
Advice on sale handling	Do not breathe mist or vapors.	
	Do not swallow.	
	Avoid contact with eyes.	
	Wash skin thoroughly after handling.	
	Handle in accordance with good industrial	
	practice, based on the results of the workp	lace exposure
	assessment	
	Do not eat, drink or smoke when using this	product.
	Take care to prevent spills, waste and min	•
	environment.	
Conditions for safe storage	Keep in properly labeled containers.	
e entanierie fer eare eterage	Store locked up.	
	•	ional regulations
	Store in accordance with the particular nat	0
Materials to avoid	Do not store with the following product type	es:
	Strong oxidizing agents	
	Self-reactive substances and mixtures	
	Organic peroxides	
	Explosives	
	Gases	
	00000	

#### SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Ingredients with workplace control parameters

Components	CAS-No.	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis		
Sodium [2-[(2,6- dichloro- phenyl)amino]phenyl]acetate	15307-79-6	TWA	100 µg/m3 (OEB 2)	Internal		
	Further information: Skin					



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Eng	Engineering measures		<ul> <li>Use appropriate engineering controls and manufactur technologies to control airborne concentrations (e.g., less quick connections).</li> <li>All engineering controls should be implemented by fac design and operated in accordance with GMP principl protect products, workers, and the environment.</li> <li>Laboratory operations do not require special containm</li> </ul>				
Per	sonal protective equipn	nent					
F	Respiratory protection Filter type		If adequate local exhaust ventilation is not available or exposure assessment demonstrates exposures outside the recommended guidelines, use respiratory protection. Combined particulates and organic vapor type				
	nd protection Material	:	: Chemical-resistant gloves				
Eye	Eye protection		If the work environ mists or aerosols, Wear a faceshield	ses with side shields or goggles. nment or activity involves dusty conditions, , wear the appropriate goggles. d or other full face protection if there is a t contact to the face with dusts, mists, or			
	Skin and body protection Hygiene measures		Work uniform or la If exposure to che eye flushing syste working place. When using do no Wash contaminat The effective ope engineering contr appropriate dego	emical is likely during typical use, provide ems and safety showers close to the ot eat, drink or smoke. ed clothing before re-use. ration of a facility should include review of ols, proper personal protective equipment, wning and decontamination procedures, monitoring, medical surveillance and the			

#### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	liquid
Color	:	yellow
Odor	:	characteristic
Odor Threshold	:	No data available
рН	:	No data available
Melting point/freezing point	:	-54 °C
Initial boiling point and boiling range	:	98,5 °C
Flash point	:	No data available
Evaporation rate	:	No data available



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Flammabili	ty (solid, gas)	:	Not applicable	
Flammabili	Flammability (liquids)		No data available	
	Upper explosion limit / Upper flammability limit		No data available	
Lower expl flammability	osion limit / Lower y limit	:	No data available	
Vapor pres	sure	:	No data available	
Relative va	por density	:	No data available	
Relative de	nsity	:	1,09 - 1,15	
Density		:	No data available	
Solubility(ie Water s	,	:	soluble	
Solubilit	y in other solvents	:	soluble Solvent: Ethanol	
Partition co		:	Not applicable	
octanol/wat Autoignitior	ter n temperature	:	No data available	
Decomposi	tion temperature	:	No data available	
Viscosity Viscosit	y, kinematic	:	No data available	
Explosive p	properties	:	Not explosive	
			The substance of	
Oxidizing p	·	:		mixture is not classified as oxidizing.
Molecular v	veight	:	No data available	
Particle size	e	:	Not applicable	

#### SECTION 10. STABILITY AND REACTIVITY

Reactivity	:	Not classified as a reactivity hazard.
Chemical stability	:	Stable under normal conditions.
Possibility of hazardous reac-	:	Can react with strong oxidizing agents.
tions		
Conditions to avoid	:	None known.
Incompatible materials	:	Oxidizing agents
Hazardous decomposition	:	No hazardous decomposition products are known.
products		



ersion 1	Revision Date: 30.09.2023		S Number: 80237-00009	Date of last issue: 04.04.2023 Date of first issue: 23.08.2019
	11. TOXICOLOGICAL I	NFO	ORMATION	
Inform exposi	ation on likely routes of ure	:	Inhalation Skin contact Ingestion Eye contact	
	toxicity ul if swallowed.			
Produ	<u>ct:</u>			
Acute	oral toxicity	:	Acute toxicity es Method: Calcula	stimate: 1.952 mg/kg ation method
Acute	inhalation toxicity	:	Acute toxicity es Exposure time: Test atmosphere Method: Calcula	e: dust/mist
<u>Comp</u>	onents:			
Sodiu	m [2-[(2,6-dichlorophe	nyl	)amino]phenyl]a	acetate:
Acute	oral toxicity	:	LD50 (Rat): 55 -	- 240 mg/kg
			LD50 (Mouse):	170 - 389 mg/kg
	toxicity (other routes of istration)	:	LD50 (Rat): 97 - Application Rou	
			LD50 (Mouse): 9 Application Rou	
Bonny	d alaahali			
-	I alcohol: oral toxicity	:	LD50 (Rat): 1.62	20 mg/kg
Acute	inhalation toxicity	:	LC50 (Rat): > 4, Exposure time: - Test atmosphere Method: OECD	4 h
	sorrosion/irritation			
Comp	onents:			
			)ominolahoosili-	actato.
Result	m [2-[(2,6-dichlorophe	: :	jaminojpnenyija irritating	າບູ້ອາຊາດ
Benzy	l alcohol:			
Specie Metho	es	:	Rabbit OECD Test Gui No skin irritation	



ersion 1	Revision Date: 30.09.2023	SDS Numbe 4780237-00	
Serio	us eye damage/eye	irritation	
Not c	lassified based on av	ailable informatio	n.
Com	oonents:		
Sodiu	um [2-[(2,6-dichloro	phenyl)amino]pl	henyl]acetate:
Resu	lt	: Mild eye	irritation
	yl alcohol:		
Speci Resu		: Rabbit	to eyes, reversing within 21 days
Metho			est Guideline 405
Resp	iratory or skin sens	itization	
-	<b>sensitization</b> lassified based on av	ailable informatio	n.
Resp	iratory sensitizatio	ı	
•	lassified based on av		n.
Com	oonents:		
Benz	yl alcohol:		
Test <sup>-</sup>			ation Test
Speci	es of exposure les	: Skin con : Guinea p	
Metho	bd	: OECD T	est Guideline 406
Resu	IT	: negative	
	cell mutagenicity	allah la informatio	
•	lassified based on av	allable informatio	n.
	ponents:		
	um [2-[(2,6-dichloro		
Geno	toxicity in vitro	Result: n	e: Bacterial reverse mutation assay (AMES) legative
			e: Mouse Lymphoma
		Result: n	legative
Geno	toxicity in vivo		e: Chromosomal aberration
		Species: Result: n	
Benz	yl alcohol:		
	toxicity in vitro	: Test Typ Result: n	e: Bacterial reverse mutation assay (AMES) legative
Geno	toxicity in vivo		e: Mammalian erythrocyte micronucleus test (in vi
		cytogene Species:	etic assay) Mouse
			on Route: Intraperitoneal injection



ersion 1	Revision Date: 30.09.2023	SDS Number: 4780237-0000	Date of last issue: 04.04.2023 Date of first issue: 23.08.2019		
		Result: neç	gative		
Carci	nogenicity				
Not cl	assified based on availa	able information.			
<u>Comp</u>	oonents:				
Sodiu	um [2-[(2,6-dichlorophe	enyl)amino]phe	nyl]acetate:		
Specie	es	: Rat			
	cation Route	: Oral			
	sure time	: 2 Years			
Resul	t	: negative			
Specie		: Mouse			
	cation Route	: Oral			
	sure time	: 2 Years			
Resul	τ	: negative			
Benzy	yl alcohol:				
Speci	es	: Mouse			
	cation Route	: Ingestion			
	sure time	: 103 weeks			
	-	: OECD Test Guideline 451			
Metho			t Guideline 451		
Metho Resul		: OECD Tes : negative	t Guideline 451		
Resul Repro	t <b>oductive toxicity</b> ected of damaging the u	: negative	t Guideline 451		
Resul Repro Suspe <u>Comp</u>	ductive toxicity ected of damaging the u	: negative nborn child.			
Result Repro Suspe <u>Comp</u> Sodiu	t <b>oductive toxicity</b> ected of damaging the u <u>conents:</u> um [2-[(2,6-dichlorophe	: negative nborn child. enyl)amino]phe	nyl]acetate:		
Result Repro Suspe <u>Comp</u> Sodiu	ductive toxicity ected of damaging the u	: negative nborn child. enyl)amino]phe : Test Type:	e <b>nyl]acetate:</b> Fertility		
Result Repro Suspe <u>Comp</u> Sodiu	t <b>oductive toxicity</b> ected of damaging the u <u>conents:</u> um [2-[(2,6-dichlorophe	: negative nborn child. enyl)amino]phe : Test Type: Species: R	e <b>nyl]acetate:</b> Fertility at, male and female		
Result Repro Suspe <u>Comp</u> Sodiu	t <b>oductive toxicity</b> ected of damaging the u <u>conents:</u> um [2-[(2,6-dichlorophe	: negative nborn child. enyl)amino]phe : Test Type: Species: R Application	e <b>nyl]acetate:</b> Fertility		
Result Repro Suspe <u>Comp</u> Sodiu	t <b>oductive toxicity</b> ected of damaging the u <u>conents:</u> um [2-[(2,6-dichlorophe	: negative nborn child. enyl)amino]phe : Test Type: Species: R Application Fertility: NO	e <b>nyl]acetate:</b> Fertility at, male and female Route: Oral		
Result Repro Suspe <u>Comp</u> Sodiu Effect	t <b>oductive toxicity</b> ected of damaging the u <u>conents:</u> um [2-[(2,6-dichlorophe	: negative nborn child. enyl)amino]phe : Test Type: Species: R Application Fertility: No Result: No	e <b>nyl]acetate:</b> Fertility at, male and female Route: Oral DAEL: 4 mg/kg body weight		
Result Repro Suspe <u>Comp</u> Sodiu Effect	t <b>oductive toxicity</b> ected of damaging the u <u>conents:</u> um [2-[(2,6-dichloropho is on fertility	: negative nborn child. enyl)amino]phe : Test Type: Species: R Application Fertility: No Result: No : Test Type: Species: R	enyl]acetate: Fertility at, male and female Route: Oral DAEL: 4 mg/kg body weight effects on fertility. Development at		
Result Repro Suspe <u>Comp</u> Sodiu Effect	t <b>oductive toxicity</b> ected of damaging the u <u>conents:</u> um [2-[(2,6-dichloropho is on fertility	: negative nborn child. enyl)amino]phe : Test Type: Species: R Application Fertility: No Result: No : Test Type: Species: R Application	enyl]acetate: Fertility at, male and female Route: Oral DAEL: 4 mg/kg body weight effects on fertility. Development at Route: Oral		
Result Repro Suspe <u>Comp</u> Sodiu Effect	t <b>oductive toxicity</b> ected of damaging the u <u>conents:</u> um [2-[(2,6-dichloropho is on fertility	: negative nborn child. enyl)amino]phe : Test Type: Species: R Application Fertility: No Result: No : Test Type: Species: R Application Developme	enyl]acetate: Fertility at, male and female Route: Oral DAEL: 4 mg/kg body weight effects on fertility. Development at Route: Oral ental Toxicity: LOAEL: 1 mg/kg body weigh		
Result Repro Suspe <u>Comp</u> Sodiu Effect	t <b>oductive toxicity</b> ected of damaging the u <u>conents:</u> um [2-[(2,6-dichloropho is on fertility	: negative nborn child. enyl)amino]phe : Test Type: Species: R Application Fertility: No Result: No : Test Type: Species: R Application Developme	enyl]acetate: Fertility at, male and female Route: Oral DAEL: 4 mg/kg body weight effects on fertility. Development at Route: Oral		
Result Repro Suspe <u>Comp</u> Sodiu Effect	t <b>oductive toxicity</b> ected of damaging the u <u>conents:</u> um [2-[(2,6-dichloropho is on fertility	<ul> <li>negative</li> <li>nborn child.</li> <li>enyl)amino]phe</li> <li>Test Type: Species: R Application Fertility: NO</li> <li>Test Type: Species: R Application Developme Result: Em</li> </ul>	enyl]acetate: Fertility at, male and female Route: Oral DAEL: 4 mg/kg body weight effects on fertility. Development at Route: Oral ental Toxicity: LOAEL: 1 mg/kg body weigh bryo-fetal toxicity., No teratogenic effects.		
Result Repro Suspe <u>Comp</u> Sodiu Effect	t <b>oductive toxicity</b> ected of damaging the u <u>conents:</u> um [2-[(2,6-dichloropho is on fertility	<ul> <li>negative</li> <li>nborn child.</li> <li>enyl)amino]phe</li> <li>Test Type: Species: R Application Fertility: NO</li> <li>Test Type: Species: R Application Developme Result: Em</li> <li>Test Type: Species: R</li> </ul>	enyl]acetate: Fertility at, male and female Route: Oral DAEL: 4 mg/kg body weight effects on fertility. Development at Route: Oral ental Toxicity: LOAEL: 1 mg/kg body weigh bryo-fetal toxicity., No teratogenic effects. Development abbit		
Result Repro Suspe <u>Comp</u> Sodiu Effect	t <b>oductive toxicity</b> ected of damaging the u <u>conents:</u> um [2-[(2,6-dichloropho is on fertility	<ul> <li>negative</li> <li>nborn child.</li> <li>enyl)amino]phe</li> <li>Test Type: Species: R Application Fertility: NG Result: No</li> <li>Test Type: Species: R Application Developme Result: Em</li> <li>Test Type: Species: R Application</li> </ul>	enyl]acetate: Fertility at, male and female Route: Oral DAEL: 4 mg/kg body weight effects on fertility. Development at Route: Oral ental Toxicity: LOAEL: 1 mg/kg body weigh bryo-fetal toxicity., No teratogenic effects. Development abbit Route: Oral		
Result Repro Suspe <u>Comp</u> Sodiu Effect	t <b>oductive toxicity</b> ected of damaging the u <u>conents:</u> um [2-[(2,6-dichloropho is on fertility	<ul> <li>negative</li> <li>nborn child.</li> <li>enyl)amino]phe</li> <li>Test Type: Species: R Application Fertility: NG Result: No</li> <li>Test Type: Species: R Application Developme Result: Em</li> <li>Test Type: Species: R Application Developme</li> </ul>	enyl]acetate: Fertility at, male and female Route: Oral DAEL: 4 mg/kg body weight effects on fertility. Development at Route: Oral ental Toxicity: LOAEL: 1 mg/kg body weigh bryo-fetal toxicity., No teratogenic effects. Development abbit Route: Oral		
Result Repro Suspe <u>Comp</u> Sodiu Effect	t coductive toxicity ected of damaging the u conents: um [2-[(2,6-dichloropho s on fertility s on fetal development	<ul> <li>negative</li> <li>nborn child.</li> <li>enyl)amino]phe</li> <li>Test Type: Species: R Application Fertility: NO Result: No</li> <li>Test Type: Species: R Application Developme Result: Em</li> <li>Test Type: Species: R Application Developme Result: Em</li> </ul>	enyl]acetate: Fertility at, male and female Route: Oral DAEL: 4 mg/kg body weight effects on fertility. Development at Route: Oral ental Toxicity: LOAEL: 1 mg/kg body weigh bryo-fetal toxicity., No teratogenic effects. Development abbit Route: Oral ental Toxicity: LOAEL: 5 mg/kg body weigh bryo-fetal toxicity., No teratogenic effects.		
Result Repro Suspe <u>Comp</u> Sodiu Effect	boductive toxicity ected of damaging the u <u>conents:</u> <b>um [2-[(2,6-dichloropho</b> is on fertility is on fetal development	<ul> <li>negative</li> <li>nborn child.</li> <li>enyl)amino]phe</li> <li>Test Type: Species: R Application Fertility: NO Result: No</li> <li>Test Type: Species: R Application Developme Result: Em</li> <li>Test Type: Species: R Application Developme Result: Em</li> </ul>	enyl]acetate: Fertility at, male and female Route: Oral DAEL: 4 mg/kg body weight effects on fertility. Development at Route: Oral ental Toxicity: LOAEL: 1 mg/kg body weigh bryo-fetal toxicity., No teratogenic effects. Development abbit Route: Oral ental Toxicity: LOAEL: 5 mg/kg body weigh		
Result Repro Suspe <u>Comp</u> Sodiu Effect: Effect:	boductive toxicity ected of damaging the u <u>conents:</u> <b>um [2-[(2,6-dichloropho</b> is on fertility is on fetal development	<ul> <li>negative</li> <li>nborn child.</li> <li>enyl)amino]phe</li> <li>Test Type: Species: R Application Fertility: NO Result: No</li> <li>Test Type: Species: R Application Developme Result: Em</li> <li>Test Type: Species: R Application Developme Result: Em</li> </ul>	enyl]acetate: Fertility at, male and female Route: Oral DAEL: 4 mg/kg body weight effects on fertility. Development at Route: Oral ental Toxicity: LOAEL: 1 mg/kg body weigh bryo-fetal toxicity., No teratogenic effects. Development abbit Route: Oral ental Toxicity: LOAEL: 5 mg/kg body weigh bryo-fetal toxicity., No teratogenic effects.		



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Effect	s on fetal development	:	Test Type: Embry Species: Mouse	on data from similar materials /o-fetal development
			Application Route Result: negative	

#### STOT-single exposure

Not classified based on available information.

#### STOT-repeated exposure

May cause damage to organs (Gastrointestinal tract, Blood, lymphatic system, Liver, Prostate) through prolonged or repeated exposure.

#### **Components:**

#### Sodium [2-[(2,6-dichlorophenyl)amino]phenyl]acetate:

Target Organs Assessment	:	Gastrointestinal tract, Blood, lymphatic system, Liver, Prostate Causes damage to organs through prolonged or repeated
		exposure.

#### **Repeated dose toxicity**

#### **Components:**

#### Sodium [2-[(2,6-dichlorophenyl)amino]phenyl]acetate:

Species LOAEL Application Route Exposure time Target Organs	<ol> <li>Rat</li> <li>0,25 mg/kg</li> <li>Oral</li> <li>98 w</li> <li>Gastrointestinal tract, Blood, lymphatic system, Liver, Prostate</li> </ol>
Species LOAEL Application Route Exposure time Target Organs	: Dog : 1 mg/kg : Oral : 12 w : Blood
Species NOAEL LOAEL Application Route Exposure time Target Organs Symptoms	<ul> <li>Baboon</li> <li>0,5 mg/kg</li> <li>5 mg/kg</li> <li>Oral</li> <li>52 w</li> <li>Gastrointestinal tract, Blood</li> <li>constipation, Diarrhea</li> </ul>
<b>Benzyl alcohol:</b> Species NOAEL Application Route Exposure time	: Rat : 1,072 mg/l : inhalation (dust/mist/fume) : 28 Days



rsion	Revision Date: 30.09.2023		S Number: 80237-00009	Date of last issue: 04.04.2023 Date of first issue: 23.08.2019
Metho	od	:	OECD Test Gui	deline 412
	ation toxicity assified based on availa	ble	information.	
Exper	rience with human exp	osu	re	
Comp	oonents:			
Sodiu	ım [2-[(2,6-dichlorophe	enyl)	amino]phenyl]a	cetate:
Ingest	tion	:		ominal pain, Diarrhea, constipation, heartbu ness, Headache, Breathing difficulties, Ras
CTION	12. ECOLOGICAL INFO	ORN	IATION	
Footo	vicity			
	oxicity			
	oonents:	_		
	Im [2-[(2,6-dichlorophe	enyl)		
IOXICI	ity to fish	:	Exposure time: 9	
			Method: OECD	Test Guideline 203
	ty to daphnia and other ic invertebrates	:	EC50 (Daphnia Exposure time: 4	magna (Water flea)): 80,1 mg/l
aquati	ic invertebrates			Test Guideline 202
	ty to algae/aquatic	:		rchneriella subcapitata (green algae)): 71,9
plants	i		mg/l Exposure time: 7	72 h
				Test Guideline 201
			•	kirchneriella subcapitata (green algae)): 49,
			mg/l Exposure time: 7	72 h
				Test Guideline 201
	ty to fish (Chronic tox-	:		ales promelas (fathead minnow)): 0,32 mg/l
icity)			Exposure time:	32 d Test Guideline 210
<b>_</b>				
	ty to daphnia and other ic invertebrates (Chron-	:		magna (Water flea)): 10 mg/l 21 d
	ic invertebrates (Chron-	:	Exposure time: 2	
aquati ic toxi	ic invertebrates (Chron-	:	Exposure time: 2	21 d
aquati ic toxi <b>Benzy</b>	ic invertebrates (Chron- city)	:	Exposure time: 2 Method: OECD	21 d Test Guideline 211 es promelas (fathead minnow)): 460 mg/l
aquati ic toxi <b>Benzy</b> Toxici	ic invertebrates (Chron- city) <b>yl alcohol:</b> ity to fish	:	Exposure time: 2 Method: OECD LC50 (Pimephal Exposure time: 9	21 d Test Guideline 211 es promelas (fathead minnow)): 460 mg/l 96 h
aquati ic toxi Benzy Toxici Toxici	ic invertebrates (Chron- city) <b>yl alcohol:</b> ity to fish	:	Exposure time: 2 Method: OECD LC50 (Pimephal Exposure time: 9 EC50 (Daphnia Exposure time: 4	21 d Test Guideline 211 es promelas (fathead minnow)): 460 mg/l 96 h magna (Water flea)): 230 mg/l



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Toxicity to algae/aquatic plants		:	EC50 (Pseudokiro mg/l Exposure time: 72 Method: OECD T		
			NOEC (Pseudokirchneriella subcapitata (green algae)): 3 mg/l Exposure time: 72 h Method: OECD Test Guideline 201		
Toxicity to daphnia and other aquatic invertebrates (Chron-ic toxicity)		:	NOEC (Daphnia magna (Water flea)): 51 mg/l Exposure time: 21 d Method: OECD Test Guideline 211		
Persi	istence and degradabili	ity			
<u>Com</u>	ponents:				
Benzyl alcohol: Biodegradability		:	Result: Readily bi Biodegradation: 9 Exposure time: 14	92 - 96 %	
Bioa	ccumulative potential				
<u>Com</u>	ponents:				
Sodi	um [2-[(2,6-dichlorophe	nyl	)amino]phenyl]ac	etate:	
	ion coefficient: n- nol/water	:	log Pow: 4,51		
Benzyl alcohol: Partition coefficient: n- octanol/water		:	log Pow: 1,05		
	<b>lity in soil</b> ata available				
Other adverse effects No data available					

Disposal methods		
Waste from residues	:	Do not dispose of waste into sewer.
		Dispose of in accordance with local regulations.
Contaminated packaging	:	Empty containers should be taken to an approved waste handling site for recycling or disposal.
		If not otherwise specified: Dispose of as unused product.

#### SECTION 14. TRANSPORT INFORMATION

#### International Regulations



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	0010012020	1100201 00000						
<b>UNR</b> Not re	<b>TDG</b> egulated as a dangero	us good						
	IATA-DGR Not regulated as a dangerous good							
-	<b>3-Code</b> egulated as a dangero	us good						
	Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable for product as supplied.							
•	Special precautions for user Not applicable							
SECTION	15. REGULATORY IN	FORMATION						
Safet mixtu		nmental regulations/l	egislation specific for the substance or					
•	Argentina. Carcinogenic Substances and Agents : Not applicable Registry.							
	rol of precursors and e aration of drugs.	ssential chemicals for	the : Not applicable					
The ingredients of this product are reported in the following inventories:								
AICS	i i i i i i i i i i i i i i i i i i i	: not determined						
DSL		: not determined						
1500		and determined and						

#### **SECTION 16. OTHER INFORMATION**

Revision Date	:	30.09.2023
Date format	:	dd.mm.yyyy

#### **Further information**

IECSC

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

: not determined

#### 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



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x% growth rate response; ERG - Emergency Response Guide; 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; 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 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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