according to Regulation (EC) No. 1907/2006 (REACH) according to Regulation (EU) No. 2020/878



Trade name : Revision date : Print date :		<b>111671 - Sodium fluoride, for analysis</b> 14/12/2023 Version : 14/12/2023	1.0.0
SECT	FION 1: Identi	ification of the substance/mixture and of the company,	/ undertaking
L.1	Product identi	ifier	
		For analysis (111671)	
	Sodium fluoride ; ( 47-XXXX	CAS No. : 7681-49-4 ; EC No. : 231-667-8 ; Index No. : 009-004-00-7 ; REAC	H No. : 01-2119539420
1.2		tified uses of the substance or mixture and uses advise	d against
	Relevant ider		a against
		g, processing, laboratory or repacking use only.	
	Uses advised		
		hose recommended.	
1.3		supplier of the safety data sheet	
	Supplier (ma user/distribu	nufacturer/importer/only representative/downstream	
	DC Fine Cherr	-	
	Street : 88 Hi		
		City: NW11 6DY London United Kingdom	
		+44 (0)20 7586 6800	
	-	4 (0)20 7504 1701	
	Information	contact : info@dcfinechemicals.com	
1.4	Emergency te	elephone number	
	(Only available du	ıring office hours; Monday-Friday; 08:00-18:00)	
	TION 2: Hazar	ds identification	
SECI			
		of the substance or mixture	
	Classification	n according to Regulation GHS	
	Classification Classification	n according to Regulation GHS n according to Regulation (EC) No 1272/2008 [CLP]	
	Classification Classification Acute Tox. 3 ; H3	n according to Regulation GHS	
	Classification Classification Acute Tox. 3 ; H3 Skin Irrit. 2 ; H31	n according to Regulation GHS n according to Regulation (EC) No 1272/2008 [CLP] 301 - Acute toxicity (oral) : Category 3 ; Toxic if swallowed.	ion.
2.1	Classification Classification Acute Tox. 3 ; H3 Skin Irrit. 2 ; H31 Eye Irrit. 2 ; H31 Label element	n according to Regulation GHS n according to Regulation (EC) No 1272/2008 [CLP] 301 - Acute toxicity (oral) : Category 3 ; Toxic if swallowed. 15 - Skin corrosion/irritation : Category 2 ; Causes skin irritation. 19 - Serious eye damage/eye irritation : Category 2 ; Causes serious eye irritati ts	ion.
2.1	Classification Classification Acute Tox. 3 ; H3 Skin Irrit. 2 ; H31 Eye Irrit. 2 ; H31 Label element Labelling acc	n according to Regulation GHS n according to Regulation (EC) No 1272/2008 [CLP] 301 - Acute toxicity (oral) : Category 3 ; Toxic if swallowed. 15 - Skin corrosion/irritation : Category 2 ; Causes skin irritation. 19 - Serious eye damage/eye irritation : Category 2 ; Causes serious eye irritati ts cording to Regulation GHS	ion.
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2.1	Classification Classification Acute Tox. 3 ; H3 Skin Irrit. 2 ; H31 Eye Irrit. 2 ; H31 Label element Labelling acc Labelling acc	n according to Regulation GHS n according to Regulation (EC) No 1272/2008 [CLP] 301 - Acute toxicity (oral) : Category 3 ; Toxic if swallowed. 15 - Skin corrosion/irritation : Category 2 ; Causes skin irritation. 19 - Serious eye damage/eye irritation : Category 2 ; Causes serious eye irritati ts cording to Regulation GHS cording to Regulation (EC) No. 1272/2008 [CLP]	ion.
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2.1	Classification Classification Acute Tox. 3 ; H3 Skin Irrit. 2 ; H31 Eye Irrit. 2 ; H31 Label element Labelling acc Labelling acc Hazard pictogra	n according to Regulation GHS n according to Regulation (EC) No 1272/2008 [CLP] 301 - Acute toxicity (oral) : Category 3 ; Toxic if swallowed. 15 - Skin corrosion/irritation : Category 2 ; Causes skin irritation. 19 - Serious eye damage/eye irritation : Category 2 ; Causes serious eye irritati ts cording to Regulation GHS cording to Regulation (EC) No. 1272/2008 [CLP] rams	ion.
2.1	Classification Classification Acute Tox. 3 ; H3 Skin Irrit. 2 ; H31 Eye Irrit. 2 ; H31 Label element Labelling acc Labelling acc Hazard pictogra Skull and crosst	n according to Regulation GHS n according to Regulation (EC) No 1272/2008 [CLP] 301 - Acute toxicity (oral) : Category 3 ; Toxic if swallowed. 15 - Skin corrosion/irritation : Category 2 ; Causes skin irritation. 19 - Serious eye damage/eye irritation : Category 2 ; Causes serious eye irritati ts cording to Regulation GHS cording to Regulation (EC) No. 1272/2008 [CLP] rams	ion.
2.1	Classification Classification Acute Tox. 3 ; H3 Skin Irrit. 2 ; H31 Eye Irrit. 2 ; H31 Label element Labelling acc Labelling acc Hazard pictogra Skull and crosst	n according to Regulation GHS n according to Regulation (EC) No 1272/2008 [CLP] 301 - Acute toxicity (oral) : Category 3 ; Toxic if swallowed. 15 - Skin corrosion/irritation : Category 2 ; Causes skin irritation. 19 - Serious eye damage/eye irritation : Category 2 ; Causes serious eye irritati ts cording to Regulation GHS cording to Regulation (EC) No. 1272/2008 [CLP] rams	ion.

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#### H301 H315

DANGER Hazard statements

H319	Causes serious eye irritation.	
Precautionary state	ments	
P264	Wash thoroughly after handling.	
P270	Do not eat, drink or smoke when using this product.	
P280	Wear protective gloves/protective clothing/eye protection/face protection.	
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/doctor.	
P332+P313	If skin irritation occurs: Get medical advice/attention.	
P405	Store locked up.	
Supplemental hazard information		

EUH032 Contact with acids liberates very toxic gas.

Toxic if swallowed.

Causes skin irritation.

#### 2.3 Other hazards

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

#### SECTION 3: Composition/information on ingredients

#### 3.1 Substances

Substance name : Sodium fluoride Index No. : 009-004-00-7 EC No. : 231-667-8 REACH No. : 01-2119539420-47-XXXX CAS No. : 7681-49-4 Purity : 100 % [mass]

#### SECTION 4: First aid measures

Immediate medical attention is required. Delayed effects may occur after the exposure to the product.

#### 4.1 Description of first aid measures

Remove contaminated, saturated clothing immediately. After contact with skin, wash immediately with plenty of water and soap. In case of skin reactions, consult a physician. After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. Remove victim out of the danger area. In case of inhalation take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration.

#### 4.2 Most important symptoms and effects, both acute and delayed

Accidental contact may result in serious respiratory difficulties, alteration of the central nervous system and in extreme cases, unconsciousness.

#### 4.3 Indication of any immediate medical attention and special treatment needed

Request immediate medical attention. Never administer anything orally to persons who are unconscious. Do not induce vomiting. If the person vomits, clear the respiratory tract. Keep the person comfortable. Turn him/her over to the left side and stay there while waiting for medical care.

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Sodium fluoride, for analysis

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#### SECTION 5: Firefighting measures

The product does not present any particular risk in case of fire.

#### 5.1 Extinguishing media

#### Suitable extinguishing media

Extinguisher powder or CO2. In case of more serious fires, also alcohol-resistant foam and water spray.

#### Unsuitable extinguishing media

Do not use a direct stream of water to extinguish. In the presence of electrical voltage, you cannot use water or foam as extinguishing media.

# 5.2 Special hazards arising from the substance or mixture

In case of fire may be liberated: Pyrolysis products, toxic

#### 5.3 Advice for firefighters

Use water to cool tanks, cisterns, or containers close to the heat source or fire. Take wind direction into account. Prevent the products used to fight the fire from going into drains, sewers, or waterways.

#### Special protective equipment for firefighters

According to the size of the fire, it may be necessary to use protective suits against the heat, individual breathing equipment, gloves, protective goggles or facemasks, and boots.

#### SECTION 6: Accidental release measures

# 6.1 Personal precautions, protective equipment and emergency procedures

Clear spills immediately.

### For non-emergency personnel

Wear a self-contained breathing apparatus and chemical protective clothing. Remove persons to safety.

#### For emergency responders

Eliminate possible ignition points and ventilate the area. No smoking. Avoid breathing fumes. For exposure control and individual protection measures, see section 8.

#### 6.2 Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Retain contaminated washing water and dispose it.

#### 6.3 Methods and material for containment and cleaning up

#### For containment

Collect in closed and suitable containers for disposal.

#### For cleaning up

The contaminated area should be cleaned up immediately with: Water Soak up inert absorbent and dispose as waste requiring special attention. Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Avoid dust formation.

#### 6.4 Reference to other sections

Reference to other sections Disposal: see section 13 Personal protection equipment: see section 8

#### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling **Protective measures**

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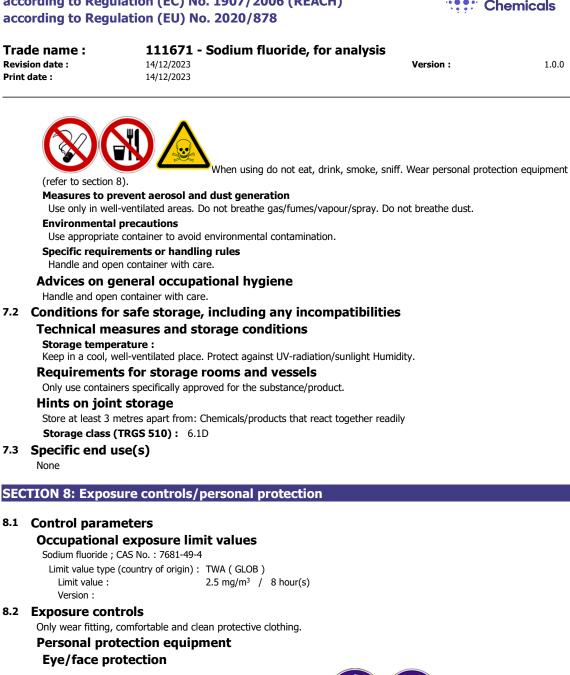
according to Regulation (EC) No. 1907/2006 (REACH) according to Regulation (EU) No. 2020/878



1.0.0

Trade name :

Revision date : Print date :



Eye glasses with side protection Face protection shield EN 166 Skin protection Hand protection



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Melting point/freezing point :	( 1013 hPa )	993	°C	
Initial boiling point and boiling range :	( 1013 hPa )	1704	°C	
Decomposition temperature :	( 1013 hPa )	No data available		
Flash point :		No data available		
Auto-ignition temperature :		No data available		
Lower explosion limit :		No data available		
Upper explosion limit :		No data available		
Vapour pressure :	( 50 °C )	No data available		
Density :	( 20 °C )	2.78	g/cm <sup>3</sup>	
Solvent separation test :	( 20 °C )	not applicable		
Water solubility :	( 20 °C )	42	g/l	
Fat solubility :	( 20 °C )	No data available.		
pH :		No data available		
log P O/W :		No data available		
				DIN-
Flow time :	( 20 °C )	No data available		cup 4 mm



Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) according to Regulation (EU) No. 2020/878				<b>DC</b> Fine <b>Chemicals</b>	
Revis	ion date :	<b>111671 -</b> 14/12/2023 14/12/2023	Sodium fluoride, for analys	i <b>s</b> Version :	1.0.0
	Viscosity :		(20 ℃)	No data available	
	Relative vapour density Evaporation rate :	:	(20 °C)	No data available No data available	
	Flammable solids :		No data available.		
	Flammable gases :		No data available.		
	Explosive properties :		No data available.		
9.2	Other information				
	None				
SEC	TION 10: Stability a	and react	tivity		
10.1	Reactivity				
	The product does not pre	esent hazard	s by their reactivity.		
10.2	Chemical stability				
	The product is chemically section 7	y stable und	er recommended conditions of storage,	use and temperature. Safe ha	andling: see
10.3	Possibility of hazar	rdous rea	actions		
10.3	-		actions lity of hazardous reactions.		
	-	esent possibi			
	The product does not pre	esent possibi <b>d</b>			
10.4	The product does not pre	esent possibi <b>d</b> Iling.			
10.4	The product does not pre Conditions to avoid Avoid any improper hand Incompatible mate	esent possibi <b>d</b> Iling. <b>erials</b>		; in order to prevent exotherm	nic reactions.
10.4 10.5	The product does not pre Conditions to avoid Avoid any improper hand Incompatible mate	esent possibi d Iling. erials g agents and	lity of hazardous reactions. I from highly alkaline or acidic materials	in order to prevent exotherm	nic reactions.
10.4 10.5	The product does not pre Conditions to avoid Avoid any improper hand Incompatible mate Keep away from oxidising Hazardous decomp	esent possibi d Iling. erials g agents and position	lity of hazardous reactions. I from highly alkaline or acidic materials	; in order to prevent exotherm	nic reactions.
10.4 10.5 10.6	The product does not pre Conditions to avoid Avoid any improper hand Incompatible mate Keep away from oxidising Hazardous decomp	esent possibi d erials g agents anc position   perated: Haza	lity of hazardous reactions. I from highly alkaline or acidic materials <b>products</b> ardous combustion products	; in order to prevent exotherm	nic reactions.
10.4 10.5 10.6 SEC	The product does not pre <b>Conditions to avoid</b> Avoid any improper hand <b>Incompatible mate</b> Keep away from oxidising <b>Hazardous decomp</b> In case of fire may be lib <b>TION 11: Toxicolog</b>	esent possibi d dling. erials g agents and position   perated: Haza jical infor	lity of hazardous reactions. I from highly alkaline or acidic materials <b>products</b> ardous combustion products		
10.4 10.5 10.6 SEC	The product does not pre <b>Conditions to avoid</b> Avoid any improper hand <b>Incompatible mate</b> Keep away from oxidising <b>Hazardous decomp</b> In case of fire may be lib <b>TION 11: Toxicolog</b>	esent possibi d dling. erials g agents and position   perated: Haza jical infor	lity of hazardous reactions. I from highly alkaline or acidic materials <b>products</b> ardous combustion products r <b>mation</b>		
10.4 10.5 10.6 SEC	The product does not pre <b>Conditions to avoid</b> Avoid any improper hand <b>Incompatible mate</b> Keep away from oxidising <b>Hazardous decomp</b> In case of fire may be lib <b>TION 11: Toxicolog</b> <b>Information on haz</b>	esent possibi d dling. erials g agents and position   perated: Haza jical infor	lity of hazardous reactions. I from highly alkaline or acidic materials products ardous combustion products rmation sees as defined in Regulation	n (EC) No 1272/2008	
10.4 10.5 10.6 SEC	The product does not pre Conditions to avoid Avoid any improper hand Incompatible mate Keep away from oxidising Hazardous decomp In case of fire may be lib TION 11: Toxicolog Information on has Acute toxicity Acute oral toxicity Parameter :	esent possibi d dling. erials g agents and position   perated: Haza jical infor	lity of hazardous reactions. I from highly alkaline or acidic materials products ardous combustion products rmation sees as defined in Regulation LD50 ( Sodium fluoride ; CAS No. : 768:	n (EC) No 1272/2008	
10.4 10.5 10.6 SEC	The product does not pre Conditions to avoid Avoid any improper hand Incompatible mate Keep away from oxidising Hazardous decomp In case of fire may be lib TION 11: Toxicolog Information on has Acute toxicity Acute oral toxicity Parameter : Exposure route :	esent possibi d dling. erials g agents and position   perated: Haza jical infor	lity of hazardous reactions. I from highly alkaline or acidic materials products ardous combustion products rmation sees as defined in Regulation LD50 ( Sodium fluoride ; CAS No. : 7683 Oral	n (EC) No 1272/2008	
10.4 10.5 10.6 SEC	The product does not pre Conditions to avoid Avoid any improper hand Incompatible mate Keep away from oxidising Hazardous decomp In case of fire may be lib TION 11: Toxicolog Information on has Acute toxicity Acute oral toxicity Parameter : Exposure route : Species :	esent possibi d dling. erials g agents and position   perated: Haza jical infor	lity of hazardous reactions. I from highly alkaline or acidic materials products ardous combustion products rmation sees as defined in Regulation LD50 ( Sodium fluoride ; CAS No. : 7683 Oral Rat, male and female	n (EC) No 1272/2008	
10.4 10.5 10.6 SEC	The product does not pre Conditions to avoid Avoid any improper hand Incompatible mate Keep away from oxidising Hazardous decomp In case of fire may be lib TION 11: Toxicolog Information on has Acute toxicity Acute oral toxicity Parameter : Exposure route : Species : Effective dose :	esent possibi d dling. erials g agents and position   perated: Haza jical infor	lity of hazardous reactions. I from highly alkaline or acidic materials products ardous combustion products rmation sees as defined in Regulation LD50 ( Sodium fluoride ; CAS No. : 7683 Oral	n (EC) No 1272/2008	
10.4 10.5 10.6 SEC	The product does not pre Conditions to avoid Avoid any improper hand Incompatible mate Keep away from oxidising Hazardous decomp In case of fire may be lib TION 11: Toxicolog Information on has Acute toxicity Acute oral toxicity Parameter : Exposure route : Species : Effective dose : Corrosion	esent possibi d diing. erials g agents and position j perated: Haza jical infor zard clas	lity of hazardous reactions. I from highly alkaline or acidic materials products ardous combustion products rmation sees as defined in Regulation LD50 ( Sodium fluoride ; CAS No. : 7683 Oral Rat, male and female	n (EC) No 1272/2008	
10.4 10.5 10.6 SEC	The product does not pre Conditions to avoid Avoid any improper hand Incompatible mate Keep away from oxidising Hazardous decomp In case of fire may be lib TION 11: Toxicolog Information on has Acute toxicity Acute oral toxicity Parameter : Exposure route : Species : Effective dose : Corrosion Skin corrosion/irritat	esent possibi d diing. erials g agents and position j berated: Haza jical infor zard clas	lity of hazardous reactions. I from highly alkaline or acidic materials products ardous combustion products rmation sees as defined in Regulation LD50 ( Sodium fluoride ; CAS No. : 7683 Oral Rat, male and female	n (EC) No 1272/2008	
10.4 10.5 10.6 SEC	The product does not pre Conditions to avoid Avoid any improper hand Incompatible mate Keep away from oxidising Hazardous decomp In case of fire may be lib TION 11: Toxicolog Information on has Acute toxicity Acute oral toxicity Parameter : Exposure route : Species : Effective dose : Corrosion Skin corrosion/irritat No information availab	esent possibi d dling. erials g agents and position j berated: Haza jical infor zard clas	lity of hazardous reactions. If from highly alkaline or acidic materials <b>products</b> ardous combustion products <b>rmation</b> <b>(Sees as defined in Regulation</b> (Sodium fluoride ; CAS No. : 768) Oral Rat, male and female 148.5 mg/kg	n (EC) No 1272/2008	
10.4 10.5 10.6 SEC	The product does not pre Conditions to avoid Avoid any improper hand Incompatible mate Keep away from oxidising Hazardous decomp In case of fire may be lib TION 11: Toxicolog Information on has Acute toxicity Acute oral toxicity Parameter : Exposure route : Species : Effective dose : Corrosion Skin corrosion/irritat	esent possibi d dling. erials g agents and position p perated: Haza jical infor zard clas tion ble. / eye irritati	lity of hazardous reactions. If from highly alkaline or acidic materials <b>products</b> ardous combustion products <b>rmation</b> <b>(Sees as defined in Regulation</b> (Sodium fluoride ; CAS No. : 768) Oral Rat, male and female 148.5 mg/kg	n (EC) No 1272/2008	
10.4 10.5 10.6 SEC	The product does not pre Conditions to avoid Avoid any improper hand Incompatible mate Keep away from oxidising Hazardous decomp In case of fire may be lib TION 11: Toxicolog Information on has Acute toxicity Acute oral toxicity Parameter : Exposure route : Species : Effective dose : Corrosion Skin corrosion/irritat No information availab Serious eye damage/ No information availab	esent possibi d d iling. erials g agents and position p berated: Haza jical infor zard clas tion ble. /eye irritati ble.	lity of hazardous reactions. I from highly alkaline or acidic materials <b>products</b> ardous combustion products <b>rmation</b> <b>sees as defined in Regulation</b> LD50 ( Sodium fluoride ; CAS No. : 7681 Oral Rat, male and female 148.5 mg/kg	n (EC) No 1272/2008	
10.4 10.5 10.6 SEC	The product does not pre Conditions to avoid Avoid any improper hand Incompatible mate Keep away from oxidising Hazardous decomp In case of fire may be lib TION 11: Toxicolog Information on has Acute toxicity Acute oral toxicity Parameter : Exposure route : Species : Effective dose : Corrosion Skin corrosion/irritat No information availab Serious eye damage/	esent possibi d d iling. erials g agents and position   berated: Haza jical infor zard clas zard clas tion ble. /eye irritatiole. in sensiti	lity of hazardous reactions. I from highly alkaline or acidic materials <b>products</b> ardous combustion products <b>rmation</b> <b>sees as defined in Regulation</b> LD50 ( Sodium fluoride ; CAS No. : 7681 Oral Rat, male and female 148.5 mg/kg	n (EC) No 1272/2008	
10.4 10.5 10.6 SEC	The product does not pre Conditions to avoid Avoid any improper hand Incompatible mate Keep away from oxidising Hazardous decomp In case of fire may be lib TION 11: Toxicolog Information on haz Acute toxicity Acute toxicity Parameter : Exposure route : Species : Effective dose : Corrosion Skin corrosion/irritat No information availab Serious eye damage/ No information available Respiratory or skii No information available	esent possibi d d iling. erials g agents and position   perated: Haza ical infor zard clas zard clas de. /eye irritatiole. in sensiti e.	lity of hazardous reactions. I from highly alkaline or acidic materials <b>products</b> ardous combustion products <b>rmation</b> <b>sees as defined in Regulation</b> LD50 ( Sodium fluoride ; CAS No. : 7681 Oral Rat, male and female 148.5 mg/kg	n (EC) No 1272/2008 1-49-4 )	

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Germ cell mut	agenicity		

No information available. Reproductive toxicity No information available. STOT-single exposure

No information available.

STOT-repeated exposure No information available.

Aspiration hazard No information available.

#### 11.2 Information on other hazards

No information available.

# SECTION 12: Ecological information

#### 12.1 Toxicity

IONICICY	
Aquatic toxicity	
Acute (short-term) fish toxicity	
Parameter :	LC50 (Sodium fluoride ; CAS No. : 7681-49-4)
Species :	Gambusia affinis (Mosquito fish)
Evaluation parameter :	Acute (short-term) fish toxicity
Effective dose :	925 mg/l
Exposure time :	96 hour(s)
Parameter :	LC50 (Sodium fluoride ; CAS No. : 7681-49-4)
Species :	Oncorhynchus mykiss (Rainbow trout)
Evaluation parameter :	Acute (short-term) fish toxicity
Effective dose :	200 mg/l
Exposure time :	96 hour(s)
Acute (short-term) toxicity to cr	ustacea
Parameter :	EC50 (Sodium fluoride ; CAS No. : 7681-49-4)
Species :	Daphnia magna (Big water flea)
Evaluation parameter :	Acute (short-term) toxicity to crustacea
Effective dose :	338 mg/l
Exposure time :	48 hour(s)
Chronic (long-term) toxicity to a	aquatic invertebrate
Parameter :	NOEC (Sodium fluoride ; CAS No. : 7681-49-4)
Species :	Daphnia magna (Big water flea)
Evaluation parameter :	Chronic (long-term) toxicity to aquatic invertebrate
Effective dose :	8.9 mg/l
Exposure time :	21 day(s)
Acute (short-term) toxicity to al	gae and cyanobacteria
Parameter :	IC50 (Sodium fluoride ; CAS No. : 7681-49-4 )
Species :	Desmodesmus subspicatus
Evaluation parameter :	Acute (short-term) toxicity to algae and cyanobacteria
Effective dose :	850 mg/l
Exposure time :	72 hour(s)

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Trade name : 111671 - Sodi   Revision date : 14/12/2023   Print date : 14/12/2023			Version :	1.0.0
Toxicity to oth	er aquatic plan	nts/organisms		
Parameter :		EC50 (Sodium fluoride ; CAS No. : 7681-49-4	)	
Species : Evaluation para	motor ·	Activated sludge Toxicity to other aquatic plants/organisms		
Effective dose :		2930 mg/l		
Exposure time	:	3 hour(s)		
12.2 Persistence an No information ava	-	bility		
12.3 Bioaccumulat	ive potentia	al		
Parameter :		Bioconcentration factor (BCF) ( Sodium fluoride ; Bioconcentration factor (BCF)	CAS No. : 7681-49-4 )	
Value :		2.3		
12.4 Mobility in so No information ava				
12.5 Results of PB	Γ and vPvB	assessment		
This substance do	es not meet the	PBT/vPvB criteria of REACH, Annex XIII.		
12.6 Endocrine dis		perties		
No information av				
12.7 Other adverse No information av				
SECTION 13: Disp	osal conside	prations		

Product/Packaging disposal

#### Waste treatment options

management.

Recycle according to official regulations. Evidence for disposal must be provided.

#### Appropriate disposal / Product

Dispose of waste according to applicable legislation.

#### Appropriate disposal / Package

Contaminated packages must be completely emptied and can be re-used following proper cleaning. Packing which cannot be properly cleaned must be disposed of. Handle contaminated packages in the same way as the substance itself.

#### SECTION 14: Transport information

#### 14.1 UN number

UN 1690

14.2 UN proper shipping name

Land transport (ADR/RID) SODIUM FLUORIDE, SOLID

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according to Regu according to Regu		<b>DC</b> Fine <b>Chemicals</b>		
Trade name : Revision date : Print date :	<b>111671 -</b> 14/12/2023 14/12/2023	Sodium fluoride, for	analysis Version :	1.0
Sea transport (I	•			
	CAO-TI / IATA-DG	R)		
SODIUM FLUORIE 14.3 Transport haz				
Land transport (	• •			
Class(es) :		6.1		
Classification of	ode :	T5		
	cation number (Kem			
No.):	- 、	60		
Tunnel restricti		E		
Special provision		LQ 5 kg · E 1		
Hazard label(s)		6.1		
Sea transport (I	MDG)			
Class(es) :		6.1		
EmS-No. :		F-A / S-A		
Special provisio		LQ 5 kg · E 1 · IMDG-Co	de segregation group 35	
Hazard label(s)		6.1		
• •	CAO-TI / IATA-DG	•		
Class(es) :		6.1		
Special provisio		E1		
Hazard label(s)		6.1		
14.4 Packing group	D			
III				
14.5 Environmenta				
•	(ADR/RID): No			
Sea transport (1	-			
	CAO-TI / IATA-DG			
14.6 Special preca	utions for user			
Hazard label(s) :		J.		
	1			
		6		
14.7 Transport in b	oulk according	to Annex II of Marp	ol and the IBC Code	
No information av	ailable.			
SECTION 15: Regu	ulatory informa	tion		
SECTION 15. Regi	natory morma	ltion		
	and environm	ental regulations/le	egislation specific for the s	ubstance
mixture	Assessition to D	Han (FC) No. 1007/0006 (7)		
		tion (EC) No. 1907/2006 (RI ion (EU) No. 2020/878	EACH) Classification according to Reg	uiation (EC) N
			zards involving dangerous substa	nces [Sever
III-Directive]		a or or major-accident lid		inces [Seves
-	categories	H	2 - ACUTE TOXIC 2	
		Page : 9 / 11		
A different kind of chemis	trv			( E

# according to Regulation (EC) No. 1907/2006 (REACH) according to Regulation (EU) No. 2020/878



Trade name : Revision date : Print date :	<b>111671 - Sodium fl</b> 14/12/2023 14/12/2023	1.0.0	
Lower	tier requirements (t)	50	
Upper-	tier requirements (t)	200	
EU legislation			
Authorisations	and/or restrictions on use		
Restrictions	on use		
	(EC) No. 1907/2006 (REACH), on according to REACH annex XVI	. ,	
National regula	tions		
Water hazard	class		
Class : nwg (N	on-hazardous to water)		
15.2 Chemical Saf	ety Assessment		
No information av	vailable.		

# SECTION 16: Other information

#### 16.1 Indication of changes

None

# 16.2 Abbreviations and acronyms

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
ASTM:	ASTM International, originally known as American Society for Testing and Materials (ASTM)
EINECS:	European Inventory of Existing Commercial Chemical Substances
EC50:	Effective Concentration 50 (Maximum Effective Concentration for 0% of Individuals)
LC50:	Lethal Concentration 50 (Lethal Concentration for 50% of Individuals)
IC50:	Inhibitor Concentration 50 (Inhibitory Concentration for 50% of Individuals)
NOEL:	No Observed Effect Level (Maximum dose without effect)
DNEL:	Derived No Effect Level (Derived no-effect dose)
DMEL:	Derived Minimum Effect Level (Derived dose of minimal effect)
CLP:	Classification, Labelling and Packaging
CSR:	Chemical Safety Report
LD50:	Lethal Dose 50 (Lethal Dose for 50% of Individuals)
IATA:	International Air Transport Association
ICAO:	International Civil Aviation Organization
Codice IMDG:	International Maritime Dangerous Goods code
PBT:	Persistent, bioaccumulative and toxic
RID:	Regulations concerning the international rail transport of Dangerous Goods
STEL:	Short term exposure limit
TLV:	Threshold limit value
TWA:	Time Weighted Average
UE:	European Union
vPvB:	Very persistent very bioaccumulative
N.D.:	Uvailable
N.A.:	Not applicable
VwVwS.:	Text of Administrative Regulation on the Classification of Substances hazardous to waters into Water Hazard Classes

#### 16.3 Key literature references and sources for data

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# according to Regulation (EC) No. 1907/2006 (REACH) according to Regulation (EU) No. 2020/878



Trade name :	111671 - Sodium fluoride, for analysis		
Revision date :	14/12/2023	Version :	1.0.0
Print date :	14/12/2023		

None

# 16.4 Relevant H- and EUH-phrases (Number and full text)

H301	Toxic if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.

# 16.5 Training advice

None

### 16.6 Additional information

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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