

*SAFETY DATA SHEET according to Regulation (EC) No. 1907/2006***DIOXONITE (S065) NOTIF886**

Version 1.0

Print Date 30.12.2023

Revision date / valid from 29.12.2023

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name : DIOXONITE (S065) NOTIF886  
Substance name : Sodium chlorite  
CAS-No. : 7758-19-2  
EC-No. : 231-836-6  
REACH Status : Each component of the product is either registered or exempted from registration obligations according to REACH Regulation (EC) No 1907/2006

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

Use of the Substance/Mixture : Biocides  
  
Uses advised against : At this moment we have not identified any uses advised against

**1.3. Details of the supplier of the safety data sheet**

Company : Brenntag N.V.  
Nijverheidslaan 38  
BE 8540 Deerlijk  
  
Telephone : +32 (0)56 77 6944  
Telefax : +32 (0)56 77 5711  
E-mail address : info@brenntag.be  
Responsible/issuing person : Master Data Administration

Company : Brenntag Nederland B.V.  
Donker Duyvisweg 44  
NL 3316 BM Dordrecht  
  
Telephone : +31 (0)78 65 44 944  
Telefax : +31 (0)78 65 44 919  
E-mail address : info@brenntag.nl  
Responsible/issuing person : Master Data Administration

**1.4. Emergency telephone number**

Emergency telephone number : Belgium: Antipoison Center - Brussels TEL: +32(0)70 245 245  
  
Netherlands: National Poisoning Information Center - Bilthoven  
TEL: +31(0) 88 755 8000 (Only for the purpose of informing

## DIOXONITE (S065) NOTIF886

medical personnel in cases of acute intoxications)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

REGULATION (EC) No 1272/2008			
Hazard class	Hazard category	Target Organs	Hazard statements
Corrosive to metals	Category 1	---	H290
Acute toxicity (Oral)	Category 4	---	H302
Serious eye damage	Category 2	---	H319

For the full text of the H-Statements mentioned in this Section, see Section 16.

#### Most important adverse effects

Human Health : See section 11 for toxicological information.

Physical and chemical hazards : See section 9/10 for physicochemical information.

Potential environmental effects : See section 12 for environmental information.

#### 2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard symbols :



Signal word : Danger

Hazard statements : H290 May be corrosive to metals.  
H302 Harmful if swallowed.  
H319 Causes serious eye irritation.

Precautionary statements

Prevention : P270 Do not eat, drink or smoke when using this product.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

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Response : P301 + P312 + P330 IF SWALLOWED: Call a POISON CENTER/ doctor if you feel unwell. Rinse mouth.  
P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor.

### Additional Labelling:

EUH032 Contact with acids liberates very toxic gas.

### Hazardous components which must be listed on the label:

- Sodium chlorite

### 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.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

		Classification (REGULATION (EC) No 1272/2008)	
Hazardous components	Amount [%]	Hazard class / Hazard category	Hazard statements
<b>Sodium chlorite</b>			
CAS-No. : 7758-19-2	≥ 5 - < 10	Ox. Sol.1	H271
EC-No. : 231-836-6		Acute Tox.3 Oral	H301
EU REACH- : 01-2119529240-51-xxxx		Acute Tox.2 Dermal	H310
Reg. No.		Skin Corr.1B	H314
		Eye Dam.1	H318
		STOT RE2	H373
		Aquatic Acute1	H400
		Aquatic Chronic3	H412
		M-Factor (Acute aquatic	EUH032, EUH071

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toxicity): 1  
 Acute toxicity estimate  
 Acute oral toxicity: 284 mg/kg  
 Acute dermal toxicity: 134 mg/kg

For the full text of the H-Statements mentioned in this Section, see Section 16.

### **SECTION 4: First aid measures**

#### **4.1. Description of first aid measures**

General advice	: Take off all contaminated clothing immediately.
If inhaled	: Remove to fresh air. If symptoms persist, call a physician.
In case of skin contact	: Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.
In case of eye contact	: Rinse immediately with plenty of water, also under the eyelids, for at least 10 minutes. If eye irritation persists, consult a specialist. Go to an ophthalmic hospital if possible.
If swallowed	: Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. If symptoms call a physician. If a person vomits when lying on his back, place him in the recovery position. Call a physician immediately.

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

Symptoms	: See Section 11 for more detailed information on health effects and symptoms.
Effects	: See Section 11 for more detailed information on health effects and symptoms.

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

Treatment	: Treat symptomatically.
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### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

Suitable extinguishing media	: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. The product itself does not burn.
Unsuitable extinguishing media	: High volume water jet

**DIOXONITE (S065) NOTIF886****5.2. Special hazards arising from the substance or mixture**

Specific hazards during firefighting : Hazardous decomposition products formed under fire conditions. The product is oxidizing when dried.  
Hazardous combustion products : Chlorine, metal oxide/oxides

**5.3. Advice for firefighters**

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus. Wear personal protective equipment.  
Further advice : Cool closed containers exposed to fire with water spray. Heating will cause a pressure rise - with risk of bursting. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions : Use personal protective equipment. Keep away unprotected persons. Ensure adequate ventilation. Avoid contact with skin and eyes. Do not breathe vapours or spray mist. In case of inadequate ventilation wear respiratory protection.

**6.2. Environmental precautions**

Environmental precautions : Do not flush into surface water or sanitary sewer system. Avoid subsoil penetration.

**6.3. Methods and materials for containment and cleaning up**

Methods and materials for containment and cleaning up : Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders). Keep in suitable, closed containers for disposal.

Further information : Treat recovered material as described in the section "Disposal considerations".

**6.4. Reference to other sections**

See Section 1 for emergency contact information.  
See Section 8 for information on personal protective equipment.  
See Section 13 for waste treatment information.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

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- Advice on safe handling : Keep container tightly closed. Ensure adequate ventilation. Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Do not breathe vapours or spray mist. Emergency eye wash fountains and emergency showers should be available in the immediate vicinity. Incompatible with acids.
- Hygiene measures : Keep away from food, drink and animal feedingstuffs. Smoking, eating and drinking should be prohibited in the application area. Wash hands before breaks and at the end of workday. Take off all contaminated clothing immediately.

### **7.2. Conditions for safe storage, including any incompatibilities**

- Requirements for storage areas and containers : Store in original container.
- Advice on protection against fire and explosion : Normal measures for preventive fire protection. The product is not flammable. The product is oxidizing when dried.
- Further information on storage conditions : Keep tightly closed in a dry and cool place. Keep in a well-ventilated place. Keep away from direct sunlight.
- Advice on common storage : Keep away from food, drink and animal feedingstuffs. Materials to avoid: Acids
- Storage temperature : 0 - 45 °C
- Suitable packaging materials : Stainless steel, Polyethylene, Polypropylene, Polyvinylchloride
- Unsuitable packaging materials : , Aluminium, copper, Brass, natural rubber

### **7.3. Specific end use(s)**

- Specific use(s) : No information available.

## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

#### **Other Occupational Exposure Limit Values**

- (Additional) Information : Contains no substances with occupational exposure limit values.  
Contains no substances with occupational exposure limit values.

<b>Component:</b>	<b>Sodium chlorite</b>	<b>CAS-No. 7758-19-2</b>
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#### **Derived No Effect Level (DNEL)/Derived Minimal Effect Level (DMEL)**

DNEL

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Workers, Long-term - systemic effects, Inhalation	: 0,28 mg/m <sup>3</sup>
DNEL	
Workers, Acute - systemic effects, Inhalation	: 0,28 mg/m <sup>3</sup>
DNEL	
Workers, Long-term - systemic effects, Skin contact	: 0,58 mg/kg bw/day
DNEL	
Workers, Acute - systemic effects, Skin contact	: 0,58 mg/kg bw/day
DNEL	
Consumers, Long-term - systemic effects, Inhalation	: 0,07 mg/m <sup>3</sup>
DNEL	
Consumers, Acute - systemic effects, Inhalation	: 0,07 mg/m <sup>3</sup>
DNEL	
Consumers, Long-term - systemic effects, Skin contact	: 0,29 mg/kg bw/day
DNEL	
Consumers, Acute - systemic effects, Skin contact	: 0,29 mg/kg bw/day
DNEL	
Consumers, Long-term - systemic effects, Ingestion	: 0,029 mg/kg bw/day
DNEL	
Consumers, Acute - systemic effects, Ingestion	: 0,029 mg/kg bw/day

### **Predicted No Effect Concentration (PNEC)**

Fresh water	: 0,65 µg/l
Marine water	: 0,065 µg/l
Intermittent releases	: 0,0065 mg/l
Sewage treatment plant (STP)	: 1 mg/l

## **8.2. Exposure controls**

### **Appropriate engineering controls**

Refer to protective measures listed in sections 7 and 8.

### **Personal protective equipment**

#### *Respiratory protection*

Advice : Breathing apparatus needed only when aerosol or mist is formed.  
Respiratory protection complying with EN 141.

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Recommended Filter type:B  
Combination filter:B-P2  
In case of intensive or longer exposure use self-contained breathing apparatus.

### *Hand protection*

Advice : Protective gloves complying with EN 374.  
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.  
Protective gloves should be replaced at first signs of wear.  
The following materials are suitable:  
Neoprene  
Polyvinylchloride

### *Eye protection*

Advice : Safety goggles

### *Skin and body protection*

Advice : Wear personal protective equipment.

### **Environmental exposure controls**

General advice : Do not flush into surface water or sanitary sewer system.  
Avoid subsoil penetration.

## **SECTION 9: Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties**

Form : Aqueous solution

Physical state : liquid

Colour : clear

Odour : odourless

Odour Threshold : No data available

Freezing point : No data available

Boiling point : No data available

Flammability : No data available

Upper explosion limit / Upper flammability limit : No data available



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Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	Not applicable
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Self-Accelerating decomposition temperature (SADT)	:	No data available
pH	:	11 - 12 Concentration: 100 g/l 10 %
Viscosity		
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	No data available
Flow time	:	No data available
Water solubility	:	No data available
Solubility in other solvents	:	No data available
Dissolution Rate	:	No data available
Partition coefficient: n-octanol/water	:	Pow: < 0,002 log Pow: < -2,7
Dispersion Stability	:	No data available
Vapour pressure	:	No data available
Relative density	:	No data available
Density	:	No data available
Bulk density	:	No data available
Relative vapour density	:	No data available
Particle characteristics		
No data available		

**9.2 Other information**

No data available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

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Advice : No decomposition if stored and applied as directed.

### 10.2. Chemical stability

Advice : Stable under recommended storage conditions.

### 10.3. Possibility of hazardous reactions

Hazardous reactions : Product contacted with acids created toxic combustion gas.

### 10.4. Conditions to avoid

Conditions to avoid : To avoid thermal decomposition, do not overheat

### 10.5. Incompatible materials

Materials to avoid : Acids, Reducing agents

### 10.6. Hazardous decomposition products

Hazardous decomposition products : Under fire conditions: Chlorine, Sodium oxides

## SECTION 11: Toxicological information

### 11.1. Information on the hazard classes within the meaning of Regulation (EC) No. 1272/2008

#### Data for the product

#### Acute toxicity

##### Oral

Acute toxicity estimate : > 300 - 2000 mg/kg ) (Expert judgement) Harmful if swallowed.

##### Inhalation

Based on available data, the classification criteria are not met.

##### Dermal

LD50 : > 2000 mg/kg (Rabbit) (US-EPA method) Based on available data, the classification criteria are not met.

#### Irritation

##### Skin

Result : Based on available data, the classification criteria are not met.

##### Eyes

Result : Causes serious eye irritation.

#### Sensitisation

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Result : Based on available data, the classification criteria are not met.

### CMR effects

#### CMR Properties

Carcinogenicity : Based on available data, the classification criteria are not met.

Mutagenicity : Based on available data, the classification criteria are not met.

Reproductive toxicity : Based on available data, the classification criteria are not met.

### Specific Target Organ Toxicity

#### Single exposure

Remarks : Based on available data, the classification criteria are not met.

#### Repeated exposure

Remarks : Based on available data, the classification criteria are not met.

### Other toxic properties

#### Repeated dose toxicity

No data available

### Aspiration hazard

Based on available data, the classification criteria are not met.,

**Component:** **Sodium chlorite** **CAS-No. 7758-19-2**

### Acute toxicity

#### Oral

LD50 : 284 mg/kg (Rat, male and female) (OECD Test Guideline 401)

#### Inhalation

No data available

#### Dermal

LD50 : 134 mg/kg (Rabbit, male and female) (EPA OPP 81-2) application as solid

### Irritation

#### Skin

Result : corrosive effects (Rabbit) (OECD Test Guideline 404)

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**Eyes**

Result : Causes serious eye damage. (Rabbit) 31% solution  
Causes serious eye irritation. (Rabbit) (OECD Test Guideline 405) Aqueous solution, 8%

**Sensitisation**

Result : not sensitizing (Maximisation Test; Dermal; Guinea pig) (OECD Test Guideline 406)

**CMR effects**
**CMR Properties**

Carcinogenicity : Did not show carcinogenic effects in animal experiments.  
Mutagenicity : In vitro tests showed mutagenic effects  
Animal testing did not show any mutagenic effects.  
Teratogenicity : Causes developmental effects in animals at high, maternally toxic doses.  
Reproductive toxicity : No toxicity to reproduction

**Specific Target Organ Toxicity**
**Single exposure**

Remarks : The substance or mixture is not classified as specific target organ toxicant, single exposure.

**Repeated exposure**

Remarks : May cause damage to organs through prolonged or repeated exposure.

**Other toxic properties**
**Repeated dose toxicity**

NOAEL : 10 mg/kg bw/day  
LOAEL : 25 mg/kg bw/day  
(Rat, male and female)(Oral; 90-day) (OECD Test Guideline 408) Symptoms: Changes in the blood count, Irritation of the gastric mucosa.

**Aspiration hazard**

Not applicable,

**11.2. Information on other hazards**

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### **Data for the product**

#### **Endocrine disrupting properties**

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### **Component:**

**Sodium chlorite**

**CAS-No. 7758-19-2**

#### **Endocrine disrupting properties**

Assessment : No information available about endocrine disruption properties for human health.

## **SECTION 12: Ecological information**

### **12.1. Toxicity**

### **Data for the product**

#### **Acute toxicity**

#### **Short-term (acute) aquatic hazard**

Result : Based on available data, the classification criteria are not met.

#### **Chronic toxicity**

#### **Long-term (chronic) aquatic hazard**

Result : Based on available data, the classification criteria are not met.

### **Component:**

**Sodium chlorite**

**CAS-No. 7758-19-2**

#### **Acute toxicity**

#### **Fish**

LC50 : 105 mg/l (Cyprinodon variegatus (sheepshead minnow); 96 h)  
(EPA OPP 72-1)

LC50 : 106 mg/l (Oncorhynchus mykiss (rainbow trout); 96 h) (semi-static test)

#### **Toxicity to daphnia and other aquatic invertebrates**

LC50 : 0,65 mg/l (Americamysis bahia; 96 h) (EPA OPP 72-3)

EC50 : < 1,0 mg/l (Daphnia magna (Water flea); 48 h)

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### **algae**

NOEC : 0,62 mg/l (algae; 96 h)  
ErC50 : 5,33 mg/l (algae; 96 h)

### **M-Factor**

M-Factor (Acute : 1  
Aquat. Tox.)

## **12.2. Persistence and degradability**

<b>Component:</b>	<b>Sodium chlorite</b>	<b>CAS-No. 7758-19-2</b>
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### **Persistence and degradability**

#### **Persistence**

Result : (Related to: Photolysis) The product can be degraded by abiotic (e.g. chemical or photolytic) processes.

#### **Biodegradability**

Result : The methods for determining the biological degradability are not applicable to inorganic substances.  
It is expected that sodium chlorite reduces rapidly in the environment, particularly in anaerobic conditions.

## **12.3. Bioaccumulative potential**

<b>Component:</b>	<b>Sodium chlorite</b>	<b>CAS-No. 7758-19-2</b>
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### **Bioaccumulation**

Result : Kow < 0,002, log Kow < -2,7  
: Bioaccumulation is unlikely.

## **12.4. Mobility in soil**

<b>Component:</b>	<b>Sodium chlorite</b>	<b>CAS-No. 7758-19-2</b>
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### **Mobility**

Water : The product is water soluble.  
Air : not volatile

## **12.5. Results of PBT and vPvB assessment**

## DIOXONITE (S065) NOTIF886

### Data for the product

#### Results of PBT and vPvB assessment

Result : 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.

Component:	Sodium chlorite	CAS-No. 7758-19-2
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#### Results of PBT and vPvB assessment

Result : This substance is not considered to be persistent, bioaccumulating nor toxic (PBT)., This substance is not considered to be very persistent and very bioaccumulating (vPvB).

## 12.6. Endocrine disrupting properties

### Data for the product

Endocrine disrupting potential : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Component:	Sodium chlorite	CAS-No. 7758-19-2
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Endocrine disrupting potential : No information available about endocrine disruption properties for environment.

## 12.7. Other adverse effects

Component:	Sodium chlorite	CAS-No. 7758-19-2
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#### Additional ecological information

Result : Do not flush into surface water or sanitary sewer system.  
Avoid subsoil penetration.  
Harmful to aquatic life with long lasting effects.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product : Disposal together with normal waste is not allowed. Special disposal required according to local regulations. Do not let product enter drains. Contact waste disposal services.

Contaminated packaging : Empty contaminated packagings thoroughly. They can be recycled after thorough and proper cleaning. If recycling is not

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practicable, dispose of in compliance with local regulations.

European Waste Catalogue Number : No waste code according to the European Waste Catalogue can be assigned for this product, as the intended use dictates the assignment. The waste code is established in consultation with the regional waste disposer.

### **SECTION 14: Transport information**

#### **14.1. UN number or ID number**

1908

#### **14.2. UN proper shipping name**

**ADR** : CHLORITE SOLUTION  
**RID** : CHLORITE SOLUTION  
**IMDG** : CHLORITE SOLUTION

#### **14.3. Transport hazard class(es)**

ADR-Class : 8  
 (Labels; Classification Code; Hazard Identification Number; Tunnel restriction code) 8; C9; 80; (E)  
 RID-Class : 8  
 (Labels; Classification Code; Hazard Identification Number) 8; C9; 80  
 IMDG-Class : 8  
 (Labels; EmS) 8; F-A, S-B

#### **14.4. Packaging group**

ADR : III  
 RID : III  
 IMDG : III

#### **14.5. Environmental hazards**

Environmentally hazardous according to ADR : no  
 Environmentally hazardous according to RID : no  
 Marine Pollutant according to IMDG-Code : no

#### **14.6. Special precautions for user**

Not applicable.

#### **14.7 Maritime transport in bulk according to IMO instruments**

Not applicable for product as supplied.

### **SECTION 15: Regulatory information**



## **DIOXONITE (S065) NOTIF886**

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

#### **Data for the product**

EU. REACH, Annex XVII, : Point Nos.: , 3; Listed  
Marketing and Use  
Restrictions (Regulation  
1907/2006/EC)

EU. Directive : ; The substance/mixture does not fall under this legislation.  
2012/18/EU (SEVESO  
III) on major accident  
hazards involving  
dangerous substances,  
Annex I

<b>Component:</b>	<b>Sodium chlorite</b>	<b>CAS-No. 7758-19-2</b>
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EU. Chemicals Subject : ; The substance/mixture does not fall under this legislation.  
to PIC Procedure:  
Regulation 649/2012/EU  
on export and import of  
dangerous chemicals, as  
amended

EU. REACH, Annex XVII, : ; The substance/mixture does not fall under this legislation.  
Marketing and Use  
Restrictions (Regulation  
1907/2006/EC)

EU. Directive : Qualifying quantity for the application of Lower-tier  
2012/18/EU (SEVESO requirements: 50 tonnes; Part 1: Categories of dangerous  
III) on major accident substances; ACUTE TOXIC (Category 2, all exposure routes;  
hazards involving Category 3, inhalation)  
dangerous substances,  
Annex I

Qualifying quantity for the application of Upper-tier  
requirements: 200 tonnes; Part 1: Categories of dangerous  
substances; ACUTE TOXIC (Category 2, all exposure routes;  
Category 3, inhalation)  
Qualifying quantity for the application of Lower-tier  
requirements: 50 tonnes; Part 1: Categories of dangerous  
substances; Oxidising Liquids, Category 1, 2 or 3, or; Oxidising  
Solids, Category 1, 2 or 3  
Qualifying quantity for the application of Upper-tier  
requirements: 200 tonnes; Part 1: Categories of dangerous  
substances; Oxidising Liquids, Category 1, 2 or 3, or; Oxidising  
Solids, Category 1, 2 or 3

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Qualifying quantity for the application of Lower-tier requirements: 100 tonnes; Part 1: Categories of dangerous substances; Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1  
Qualifying quantity for the application of Upper-tier requirements: 200 tonnes; Part 1: Categories of dangerous substances; Hazardous to the Aquatic Environment in Category Acute 1 or Chronic 1

### Notification status

#### Sodium chlorite:

Regulatory List	Notification	Notification number
EINECS	YES	231-836-6
DSL	YES	
KECI (KR)	YES	97-1-163
ENCS (JP)	YES	(1)-238
KECI (KR)	YES	KE-31388
ISHL (JP)	YES	(1)-238
NZIOC	YES	HSR001349
IECSC	YES	
INSQ	YES	
ONT INV	YES	
TCSI	YES	
PICCS (PH)	YES	
TSCA	YES	
VN INV	YES	
TH INV	YES	2828.90
TH INV	YES	55-1-06050
AU AIICL	YES	

### 15.2. Chemical safety assessment

The chemical safety assessment of substances from this mixture has been done.

## SECTION 16: Other information

### Full text of H-Statements referred to under sections 2 and 3.

H271	May cause fire or explosion; strong oxidizer.
H290	May be corrosive to metals.
H301	Toxic if swallowed.
H302	Harmful if swallowed.
H310	Fatal in contact with skin.
H314	Causes severe skin burns and eye damage.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
H400	Very toxic to aquatic life.
H412	Harmful to aquatic life with long lasting effects.

## **DIOXONITE (S065) NOTIF886**

### **Abbreviations and Acronyms**

<b>AU AIICL</b>	Australia. Industrial Chemicals Act (AIIC) List
<b>BCF</b>	bioconcentration factor
<b>BOD</b>	biochemical oxygen demand
<b>CAS</b>	Chemical Abstracts Service
<b>CLP</b>	Classification, Labelling and Packaging
<b>CMR</b>	carcinogenic, mutagenic or toxic to reproduction
<b>COD</b>	chemical oxygen demand
<b>DNEL</b>	derived no-effect level
<b>DSL</b>	Canada. Environmental Protection Act, Domestic Substances List
<b>EINECS</b>	European Inventory of Existing Commercial Chemical Substances
<b>ELINCS</b>	European List of Notified Chemical Substances
<b>ENCS (JP)</b>	Japan. Kashin-Hou Law List
<b>GHS</b>	Globally Harmonized System of Classification and Labelling of Chemicals
<b>IECSC</b>	China. Inventory of Existing Chemical Substances
<b>INSQ</b>	Mexico. National Inventory of Chemical Substances
<b>ISHL (JP)</b>	Japan. Inventory of Industrial Safety & Health
<b>KECI (KR)</b>	Korea. Existing Chemicals Inventory
<b>LC50</b>	median lethal concentration
<b>LOAEC</b>	lowest observed adverse effect concentration
<b>LOAEL</b>	lowest observed adverse effect level
<b>LOEL</b>	lowest observed effect level
<b>NDSL</b>	Canada. Environmental Protection Act. Non-Domestic Substances List
<b>NLP</b>	no-longer polymer
<b>NOAEC</b>	no observed adverse effect concentration
<b>NOAEL</b>	no observed adverse effect level
<b>NOEC</b>	no observed effect concentration
<b>NOEL</b>	no observed effect level
<b>NZIOC</b>	New Zealand. Inventory of Chemicals
<b>OECD</b>	Organisation for Economic Cooperation and Development
<b>OEL</b>	occupational exposure limit
<b>ONT INV</b>	Canada. Ontario Inventory List
<b>PBT</b>	persistent, bioaccumulative and toxic
<b>PHARM (JP)</b>	Japan. Pharmacopoeia Listing
<b>PICCS (PH)</b>	Philippines. Inventory of Chemicals and Chemical Substances
<b>PNEC</b>	predicted no-effect concentration
<b>REACH Auth. No.:</b>	REACH Authorisation Number
<b>REACH AuthAppC. No.</b>	REACH Authorisation Application Consultation Number

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<b>UK REACH Auth. No.:</b>	UK REACH Authorisation Number
<b>UK REACH AuthAppC. No.</b>	UK REACH Authorisation Application Consultation Number
<b>UK REACH-Reg.No</b>	UK REACH Registration Number
<b>STOT</b>	specific target organ toxicity
<b>SVHC</b>	substance of very high concern
<b>TCSI</b>	Taiwan. Existing Chemicals Inventory
<b>TH INV</b>	Thailand. Existing Chemicals Inventory from FDA
<b>TSCA</b>	US. Toxic Substances Control Act
<b>UVCB</b>	substance of unknown or variable composition, complex reaction products or biological materials
<b>VN INVL</b>	Vietnam. National Chemical Inventory
<b>vPvB</b>	very persistent and very bioaccumulative

### Further information

Key literature references and sources for data	:	Supplier information and data from the "Database of registered substances" of the European Chemicals Agency (ECHA) were used to create this safety data sheet.
Methods used for product classification	:	The classification for human health, physical and chemical hazards and environmental hazards were derived from a combination of calculation methods and if available test data.
Hints for trainings	:	The workers have to be trained regularly on the safe handling of the products based on the information provided in the Safety Data Sheet and the local conditions of the workplace. National regulations for the training of workers in the handling of hazardous materials must be adhered to.
Other information	:	<p>The information provided in this Safety Data Sheet is correct to our knowledge at the date of its revision. The information given only describes the products with regard to safety arrangements and is not to be considered as a warranty or quality specification and does not constitute a legal relationship.</p> <p>The information contained in this Safety Data Sheet relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text.</p>

|| Indicates updated section.

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activities	Distribution and export of chemicals and ingredients		
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management systems: certifications	ISO 9001, ISO 14001, ISO 22000, FSSC 22000, GMP+ Feed, ESAD	ISO 9001, ISO 14001, ISO 22000, FSSC 22000, OHSAS 18001, GMP+ Feed, ESAD, AEO	ISO 9001, FSSC 22000