

# Safety Data Sheet

## SANITEC SW2 - DICHLOR56

Conforms to Regulations (EC) 1907/2006, (EC) 1272/2008 and subsequent amendments.

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Identification of the substance:

Trade name: SANITEC SW2 - DICHLOR56

Trade code: 2613

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

Recommended use:

Chemical product and water treatment additive, whitening agent

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

Supplier:

ITALCHIMICA s.r.l.

Riviera Maestri del lavoro 10 35127 Padova Italy

Phone +39 049 8792456

Marketing authorization holder

ITALCHIMICA s.r.l. ||Riviera Maestri del lavoro 10 35127 Padova Italy ||Phone +39 049 8792456

- [www.sanitecitalia.com](http://www.sanitecitalia.com)

Competent person responsible for the safety data sheet:

[regulatory@italchimica.it](mailto:regulatory@italchimica.it)

#### 1.4. Emergency telephone number

Centro antiveleni, "Osp. Pediatrico Bambino Gesù" Dip. Emergenza e Accettazione DEA, Piazza Sant'Onofrio, 4 Roma Tel. 06 68593726

Centro antiveleni, Az. Osp. Univ. Foggia, V.le Luigi Pinto 1, Foggia Tel. 800183459

Centro antiveleni, Azienda Ospedaliera "Antonio Cardarelli", III Servizio di anestesia e rianimazione, Via A. Cardarelli 9, Napoli Tel. 081-5453333

Centro antiveleni, Policlinico "Umberto I", V.le del Policlinico 155, Roma Tel. 06-49978000

Centro antiveleni, Policlinico "A. Gemelli", Largo Agostino Gemelli 8, Roma Tel. 06-3054343

Centro antiveleni, Az. Osp. "Careggi" U.O. Tossicologia Medica, Via Largo Brambilla 3, Firenze Tel. 055-7947819

Centro antiveleni, Centro Nazionale di Informazione Tossicologica, IRCCS Fondazione Salvatore Maugeri Clinica di Lavoro e della riabilitazione, Via Salvatore Maugeri 10, Pavia Tel. 0382-24444

Centro antiveleni Osp. Niguarda Ca' Grande, Piazza Ospedale Maggiore 3, Milano Tel. 02-66101029

Centro antiveleni, Azienda Ospedaliera Papa Giovanni XXII, Piazza OMS 1, Bergamo Tel. 800883300

Centro antiveleni, Azienda Ospedaliera Integrata Verona, Piazzale Aristide Stefani 1, Verona Tel. 800011858

### SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP)

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- ⚠ Warning, Acute Tox. 4, Harmful if swallowed.
  - ⚠ Warning, Eye Irrit. 2, Causes serious eye irritation.
  - ⚠ Warning, STOT SE 3, May cause respiratory irritation.
  - ⚠ Warning, Aquatic Chronic 1, Very toxic to aquatic life with long lasting effects.
- EUH031 Contact with acids liberates toxic gas.

Adverse physicochemical, human health and environmental effects:

No other hazards

### 2.2. Label elements

Hazard pictograms:



Warning

Hazard statements:

- H302 Harmful if swallowed.
- H319 Causes serious eye irritation.
- H335 May cause respiratory irritation.
- H410 Very toxic to aquatic life with long lasting effects.

Precautionary statements:

- P261 Avoid breathing dust or mist.
- P264 Wash face and hands and any exposed skin after use.
- P270 Do not eat, drink or smoke when using this product.
- P271 Use only outdoors or in a well-ventilated area.
- P273 Avoid release to the environment.
- P280 Wear protective gloves and eye/face protection.
- P301+P312 IF SWALLOWED: Call a POISON CENTRE/doctor/... if you feel unwell.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P330 Rinse mouth.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P391 Collect spillage.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- P405 Store locked up.
- P501 Dispose of contents/container to in accordance with national regulation.

Special Provisions:

EUH031 Contact with acids liberates toxic gas.

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

### 2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration  $\geq 0.1\%$

Other Hazards:

No other hazards

## SECTION 3: Composition/information on ingredients

### 3.1. Substances

Identification of the substance:

Chemical characterization: SANITEC SW2 - DICHLOR56

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Qty	Name	Ident. Number	Classification
>= 80%	troclosene sodium, dihydrate	Index number: 613-030-01-7 CAS: 51580-86-0 EC: 220-767-7	⚠ 3.1/4/Oral Acute Tox. 4 H302 ⚠ 4.1/C1 Aquatic Chronic 1 H410 ⚠ 3.3/2 Eye Irrit. 2 H319 ⚠ 3.8/3 STOT SE 3 H335 ⚠ 4.1/A1 Aquatic Acute 1 H400 EUH031

### 3.2. Mixtures

N.A.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose off safely.

After contact with skin, wash immediately with soap and plenty of water.

In case of eyes contact:

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

Protect uninjured eye.

In case of Ingestion:

Give nothing to eat or drink.

Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of Inhalation:

In case of inhalation, consult a doctor immediately and show him packing or label.

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

None

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

None

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Suitable extinguishing media:

Water.

Carbon dioxide (CO<sub>2</sub>).

Extinguishing media which must not be used for safety reasons:

None in particular.

### 5.2. Special hazards arising from the substance or mixture

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

### 5.3. Advice for firefighters

Use suitable breathing apparatus .

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.  
Wear breathing apparatus if exposed to vapours/dusts/aerosols.  
Provide adequate ventilation.  
Use appropriate respiratory protection.  
See protective measures under point 7 and 8.

#### 6.2. Environmental precautions

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

Suitable material for taking up: absorbing material, organic, sand

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

Wash with plenty of water.

#### 6.4. Reference to other sections

See also section 8 and 13

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.  
Use localized ventilation system.  
Don't use empty container before they have been cleaned.  
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.  
See also section 8 for recommended protective equipment.  
Advice on general occupational hygiene:  
Contaminated clothing should be changed before entering eating areas.  
Do not eat or drink while working.

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

Always keep in a well ventilated place.  
Keep away from food, drink and feed.  
Incompatible materials:  
Keep away from acids.  
Instructions as regards storage premises:  
Cool and adequately ventilated.

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

None in particular

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

troclosene sodium, dihydrate - CAS: 51580-86-0

ACGIH - TWA: 0.5 ppm

ACGIH - TWA: 1 ppm

DNEL Exposure Limit Values

N.A.

PNEC Exposure Limit Values

N.A.

#### 8.2. Exposure controls

Eye protection:

Use closed safety visors complying with EN 166, do not use eye lenses.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

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**Protection for hands:**

Use protective gloves in compliance with the UNI EN 374-3 standard of class 3 or higher (eg PVC, neoprene or rubber). The suitability and stability of a glove depend on use; for example, the duration, the contact frequency and the chemical resistance of the materials, so the final choice must consider the specific conditions of use.

**Respiratory protection:**

Where ventilation is insufficient or exposure is prolonged use a respiratory protective device, such as a mask with combined filters for organic (A) and inorganic (B) vapors complying with the EN14387 standard.

**Thermal Hazards:**

None

**Environmental exposure controls:**

None

**Appropriate engineering controls:**

None

### SECTION 9: Physical and chemical properties

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

Properties	Value	Method:	Notes:
Physical state:	Solid	--	--
Colour:	White	--	--
Odour:	Clore	Olfactory	--
Melting point/freezing point:	N.A.	--	--
Boiling point or initial boiling point and boiling range:	N.A.	--	--
Flammability:	N.A.	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point:	N.A.		--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
pH:	6,5 +/- 0.5	Instrumental Control	--
Kinematic viscosity:	N.A.	--	--
Solubility in water:	Excellent	Internal Tests	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--

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Vapour pressure:	N.A.	--	--
Density and/or relative density:	0.0000 +/-0,01 gr/ml	--	--
Relative vapour density:	N.A.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information  
No other relevant information

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

Stable under normal conditions

#### 10.2. Chemical stability

Stable under normal conditions

#### 10.3. Possibility of hazardous reactions

None

#### 10.4. Conditions to avoid

Stable under normal conditions.

#### 10.5. Incompatible materials

None in particular.

#### 10.6. Hazardous decomposition products

None.

### SECTION 11: Toxicological information

#### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Toxicological information of the substance:

N.A.

If not differently specified, the information required in Regulation (EU)2020/878 listed below must be considered as N.A.:

- a) acute toxicity;
- b) skin corrosion/irritation;
- c) serious eye damage/irritation;
- d) respiratory or skin sensitisation;
- e) germ cell mutagenicity;
- f) carcinogenicity;
- g) reproductive toxicity;
- h) STOT-single exposure;
- i) STOT-repeated exposure;
- j) aspiration hazard.

#### 11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration  $\geq 0.1\%$

### SECTION 12: Ecological information

#### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

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- a) Aquatic acute toxicity:

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Endpoint: LC50 - Species: Fish = 1 mg/l - Duration h: 96  
 Endpoint: LC50 - Species: Daphnia = 1 mg/l - Duration h: 48  
 Endpoint: LC50 - Species: Algae = 1 mg/l - Duration h: 72-96

**12.2. Persistence and degradability**

N.A.

**12.3. Bioaccumulative potential**

troclosene sodium, dihydrate - CAS: 51580-86-0

Bioaccumulation: Bioaccumulative - Test: Kow - Partition coefficient 0.94

**12.4. Mobility in soil**

N.A.

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

vPvB Substances: None - PBT Substances: None

**12.6. Endocrine disrupting properties**

No endocrine disruptor substances present in concentration  $\geq 0.1\%$

**12.7. Other adverse effects**

None

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Recover if possible. In so doing, comply with the local and national regulations currently in force.

**SECTION 14: Transport information**



**14.1. UN number or ID number**

ADR-UN Number: 3077

IATA-UN Number: 3077

IMDG-UN Number: 3077

**14.2. UN proper shipping name**

ADR-Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Dichloroisocyanurate)

IATA-Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Dichloroisocyanurate)

IMDG-Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Dichloroisocyanurate)

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

ADR-Class: 9

ADR - Hazard identification number: 90

IATA-Class: 9

IATA-Label: 9

IMDG-Class: 9

**14.4. Packing group**

ADR-Packing Group: III

IATA-Packing group: III

IMDG-Packing group: III

**14.5. Environmental hazards**

ADR-Environmental Pollutant: No

IMDG-Marine pollutant: No

IMDG-EmS: F-A,

S-F

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- 14.6. Special precautions for user
- |                                                   |                    |
|---------------------------------------------------|--------------------|
| ADR-Subsidiary hazards:                           | -                  |
| ADR-S.P.:                                         | 274 335 375 601    |
| ADR-Transport category (Tunnel restriction code): | (E)                |
| IATA-Passenger Aircraft:                          | 956                |
| IATA-Subsidiary hazards:                          | -                  |
| IATA-Cargo Aircraft:                              | 956                |
| IATA-S.P.:                                        | A97 A158 A179 A197 |
| IATA-ERG:                                         | 9L                 |
| IMDG-Subsidiary hazards:                          | -                  |
| IMDG-Stowage and handling:                        | Category A SW23    |
| IMDG-Segregation:                                 | -                  |
- 14.7. Maritime transport in bulk according to IMO instruments  
N.A.

The product is transported in conditions that comply with exemption criteria for ADR transport.

### SECTION 15: Regulatory information

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
- Dir. 98/24/EC (Risks related to chemical agents at work)
  - Dir. 2000/39/EC (Occupational exposure limit values)
  - Regulation (EC) n. 1907/2006 (REACH)
  - Regulation (EC) n. 1272/2008 (CLP)
  - Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013
  - Regulation (EU) n. 2020/878
  - Regulation (EU) n. 286/2011 (ATP 2 CLP)
  - Regulation (EU) n. 618/2012 (ATP 3 CLP)
  - Regulation (EU) n. 487/2013 (ATP 4 CLP)
  - Regulation (EU) n. 944/2013 (ATP 5 CLP)
  - Regulation (EU) n. 605/2014 (ATP 6 CLP)
  - Regulation (EU) n. 2015/1221 (ATP 7 CLP)
  - Regulation (EU) n. 2016/918 (ATP 8 CLP)
  - Regulation (EU) n. 2016/1179 (ATP 9 CLP)
  - Regulation (EU) n. 2017/776 (ATP 10 CLP)
  - Regulation (EU) n. 2018/669 (ATP 11 CLP)
  - Regulation (EU) n. 2018/1480 (ATP 13 CLP)
  - Regulation (EU) n. 2019/521 (ATP 12 CLP)
  - Regulation (EU) n. 2020/217 (ATP 14 CLP)
  - Regulation (EU) n. 2020/1182 (ATP 15 CLP)
  - Regulation (EU) n. 2021/643 (ATP 16 CLP)

Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications:

Restrictions related to the product:

No restriction.

Restrictions related to the substances contained:

Restriction 75

Pronto all'Usa

Volatile Organic compounds - VOCs = 0.00 %

Volatile Organic compounds - VOCs = 0.00 g/Kg

Volatile Organic compounds - VOCs = 0.00 g/l

Volatile CMR substances = 0.00 %

Halogenated VOCs which are assigned the risk phrase R40 = 0.00 %

Organic Carbon - C = 0.00

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)

Regulation (EC) nr 648/2004 (detergents).



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Dir. 2004/42/EC (VOC directive)

Provisions related to directive EU 2012/18 (Seveso III):

N.A.

15.2. Chemical safety assessment

No Chemical Safety Assessment has been carried out for the substance.

### SECTION 16: Other information

Full text of phrases referred to in Section 3:

H302 Harmful if swallowed.

H410 Very toxic to aquatic life with long lasting effects.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

EUH031 Contact with acids liberates toxic gas.

Hazard class and hazard category	Code	Description
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
Aquatic Acute 1	4.1/A1	Acute aquatic hazard, category 1
Aquatic Chronic 1	4.1/C1	Chronic (long term) aquatic hazard, category 1

This safety data sheet has been completely updated in compliance to Regulation 2020/878.

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre,  
Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van  
Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ATE: Acute Toxicity Estimate

ATEmix: Acute toxicity Estimate (Mixtures)

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CLP: Classification, Labeling, Packaging.

DNEL: Derived No Effect Level.

EINECS: European Inventory of Existing Commercial Chemical Substances.

GefStoffVO: Ordinance on Hazardous Substances, Germany.

GHS: Globally Harmonized System of Classification and Labeling of

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	Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.