

# SAFETY DATA SHEET

Regulation REACH (CE) n° 1907/2006 - 2015/830/EU

## Virucidal Cleanpill Tablets 3,35 gr

Revision Date	Edition	Reference
5/11/2019	04	PTVIR

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1. PRODUCT IDENTIFIER

**Commercial Name:** Tablets Virucidal 3,35 gr.

**Chemical name:** Dichloroisocyanuric acid dihydrated sodium salt  
 CAS: 51580-86-0  
 N° ROESB: 0253A22-1FB

**1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST**  
 Relevant users: Virucidal  
 Inadvisable users: None

**1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET**  
 ORACHE DESINFECTIÖN S.L.  
 Secorun St. N° 4.  
 Sabiñánigo 22600 Huesca. España  
 Cell.: + 34 974 48 43 29

**1.4. EMERGENCY TELEPHONE NUMBER**  
 National Institute of Toxicology  
 C/José Echegara, 4, 28232 Las Rozas, Madrid  
 Cell: 91 562 04 20

### 2. HAZARDS IDENTIFICATION

#### 2.1. CLASIFICACION OF THE SUBSTANCE OR MIXTURE

**Regulation (CE) N° 1272/2008 :**

Harmful if swallowed, Category 4 (Harmful if swallowed 4, H302)  
 Eye irritation, Category 2 (Causes serious eye irritation 2, H319)  
 May cause respiratory irritation (only 1) Category 3 (STOT SE 3, H335)  
 Very toxic to aquatic life, Category 1 (High Aquatic 1, H400)  
 Very toxic to aquatic life with long lasting effects, Category 1 (Aquatic chronic 1, H410)  
 Contact with acids liberates toxic gas (EUH031)  
 This mixture does not present physical danger. Consult the recommendations about the other products present in the site.

#### 2.2. LABEL ELEMENTS

The mixture is a detergent product for biocidal use (see section 15).

**Labelling in accordance with EC Regulation No 1272/2008 (CLP/GHS)**

**Pictogram(s):**



GHS07



GHS09

**Signal word:**

WARNING

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### Product identification:

613-030-01-7 TROCLOSENE SODIQUE, DIHYDRATE [2]

### Hazard statement(s):

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

### Supplementary statement

P101 In the case of consultation with a doctor, keep the container or the label at disposal.  
P102 Keep out of reach of children.  
P264 Wash hands thoroughly after handling.  
P270 Do not eat, drink or smoke by manipulating this product.  
P271 Use only outdoors or in a well-ventilated area.  
P273 Avoiding rejection in the environment.  
P280 Wear protective gloves/protective clothing/eye/face protection equipment.  
P301 + P312 If swallowed: call a poison control CENTRE/doctor/.../in case of discomfort.  
P304 + P340 IN case of INHALATION: carry the person outside and keep it in a position where it can comfortably breathe.  
P305 + P351 + P338 N case of eye CONTACT: Rinse with caution with water for several Minutes. Remove contact lenses if the victim wears it and if they can be easily Removed. Continue rinsing.  
P312 Call a poison control CENTRE or doctor if you feel uncomfortable.  
P337 + P313 If eye irritation persists: consult a doctor.  
P501 Dispose of contents and container according to local regulations.

### Other information:

Do not reuse the packaging.

### Additional Information:

EUH 031 – Contact with acids liberates toxic gas.  
EUH206 Attention! Do not use along with other products. Can remove hazardous gases (chlorine)

### 2.3. OTHER HAZARDS

The mixture does not contain any "substance highly concern" (SVHC) $\geq$  0.1% published by the European Chemicals Agency (ECHA) according to article 57 of the REACH regulation:

<http://echa.europa.eu/es/candidate-list-table>.

Mixture does not meet the criteria for mixtures PBT or vPvB according to annex XIII to the REACH Regulation (EC) N° 1907 / 2006.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### 3.1. SUBSTANCES

Dichloroisocyanuric acid dihydrated sodium salt CAS: 51580-86-0  
Adipic acid CAS: 124-04-9

#### 3.2. MIXTURES

Chemical Name	(CE) 1272/2008	Observations	%
INDEX: 613-030-01-7 CAS: 51580-86-0 EC: 610-700-3 REACH: 01-2119489371-33 TROCLOSENE SODIUM, DIHYDRATE [2]	GHS07, GHS09 Wng Toxicity high. 4 H302 Eye irritation. 2 H319 STOT SE 3, H335 Aquatic high 1, H400 Aquatic chronic 1, H410 EUH031		x % >50
INDEX: 607-144-00-9 CAS: 124-04-9 EC: 204-673-3 REACH: 01-2119457561-38 Adipic acid	GHS07 Wng Eye irritation 2, H319	(1)	2.5 ≤ x % < 10

(Full text of H phrases: see section 16)

Information about components:

[1] Substances for which exist limit values in the workplace.

### 4. FIRST AID MEASURES

Generally, in case of doubt or if the symptoms persist, always call to the doctor. Do never ingest anything if the person is unconscious.

#### 4.1. DESCRIPTION OF FIRST AID MEASURES

Skin Contact	Beware of the product that can subsist between the skin and the clothes, the watch, the shoes,... In case of contact with the skin, rinse thoroughly with water for at least 15 minutes. Consult a doctor
Eye contact	In case of eye contact: Wash thoroughly with fresh, clean water for 15 minutes by holding the eyelids apart. If there is pain, redness or Visual discomfort, consult an ophthalmologist.

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Ingestion	<p>Do nothing to absorb through the mouth.</p> <p>If swallowed, if the quantity is small, (no more than one SIP), rinse the mouth with water, administer medical charcoal activated and consult a doctor.</p> <p>Consult a doctor by showing him the label.</p> <p>In case of accidental ingestion call a doctor to judge the advisability of monitoring and subsequent treatment in the Middle Hospital if necessary. Show label.</p>
Inhalation	<p>In case of massive inhalation of dust, transport the patient to the open air, keep it warm and at rest.</p> <p>If the person is unconscious, place it in the lateral safety position. Warn a doctor in all cases to judge the opportunity symptomatic surveillance and treatment in a hospital setting.</p> <p>If breathing is irregular or stopped, practise artificial respiration and use a doctor.</p>

### 4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

No data available

### 4.3. INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

No data available

## 5. FIREFIGHTING MEASURES

Non-flammable

### 5.1. Extinguishing media

Plenty of water spray or fog. Do not use dry chemicals, CO2, halon or small water volume.

### 5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Contamination with moisture, organic matter, nitrogen compounds, calcium hypochlorite, other chemicals, combustible materials or any other foreign materials may cause fire and explosion. Avoid run-off water entering the drains (e.g. use barriers)

### 5.3. ADVICE FOR FIREFIGHTERS

Wear self-contained breathing apparatus with full face-piece operated in positive pressure mode. Use water spray to cool fire-exposed containers.

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### 6. ACCIDENTAL RELEASE MEASURES

#### 6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

See protection instructions in points 7 and 8.

##### **Pour les non-secouristes**

Eviter d'inhaler les vapeurs.

Eviter tout contact avec la peau et les yeux.

Eviter l'inhalation des poussières.

Si les quantités répandues sont importantes, évacuer le personnel en ne faisant intervenir que des opérateurs entraînés munis d'équipements de protection.

##### **Pour les secouristes**

Les intervenants seront équipés d'équipements de protections individuelles appropriés (Se référer à la rubrique 8).

#### 6.2. ENVIRONMENTAL PRECAUTIONS

Prevent penetration into sewers or streams.

#### 6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Recover the product by mechanical means (sweep/vacuum).

#### 6.4. REFERENCE TO OTHER SECTIONS

Not relevant

### 7. HANDLING AND STORAGE

Specifications for warehouses apply also for Jobs which also work with the mixture.

#### 7.1. PRECAUTIONS FOR SAFE HANDLING

Wash hands after each use.

Remove and wash contaminated clothing before using

Do not breathe dust.

##### **Fire prevention:**

Should be used areas very ventilated.

The access for unauthorized people should be forbidden.

##### **Recommended equipment and procedures:**

For personal protection, see section 8.

Observe the precautions indicated on the label as well as the regulations for the protection of the work.

Avoid inhalation of vapours. Complete any industrial operation that is suitable for the enclosed equipment.

Provide a suction of vapours at the emission source, as well as a general breakdown of the premises.

Also provide respiratory protective equipment for certain short-term, exceptional work, or for emergency response.

In any case, capture the emissions at the source.

Avoid contact of the mixture with the eyes.

##### **Prohibited equipment and procedures:**

It is forbidden to smoke, eat and drink in the premises where the mixture is used.

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### 7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATILITIES

#### Storage

Don't store with alkaline.  
 Keep the container closed hermetically.  
 Keep out of reach children.  
 Stock on packs closed in a fresh and dry area.  
 Keep far from food, drinks and feed.

#### Packaging

Keep always on the containers from same original material container  
 Inappropriate container materials.  
 - Wood  
 - Metal

### 7.3. SPECIFIC END USE (s)

Not data available

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. CONTROL PARAMETERS

Occupational exposure limit values:

- ACGIH TLV (American Conference of Government Industrial Hygienists, Threshold limit values, 2010):

CAS	TWA :	STEL	Ceiling :	Definition :	Criteria:
124-04-9	5 mg/m <sup>3</sup>				

- Germany - AGW (BAuA-TRGS 900, 29/01/2018):

CAS	VME :	VME :	Overrun	Brands
124-04-9		2 E mg/m <sup>3</sup>		2(l)

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### 8.2. EXPOSURE CONTROLS

#### Personal protective measures, such as personal protective equipment

Use clean and properly maintained personal protective equipment.

Store personal protective equipment in a clean place, away from the work area.

When using, do not eat, drink or smoke. Remove and wash contaminated clothing before reuse. Provide ventilation especially in enclosed areas.

#### -Eye/face protection

Avoid eye contact.

Use eye protectors designed against liquid splashes.

Before handling, it is necessary to wear side protection glasses conforming to the standard NF EN166.

In case of increased danger, use a face shield for facial protection.

Before handling powders or dust emission, it is necessary to wear mask glasses conforming to the standard NF EN166.

The wearing of corrective eyewear does not constitute protection.

Contact lens holders are recommended to use corrective lenses during work where they may be exposed to irritant vapours.

Provide eye fountains in workshops where the product is handled consistently.

#### -Hand protection

Use suitable protective gloves resistant to chemical agents conforming to the NF EN374 standard.

The selection of the gloves must be made according to the application and the duration of use at the work station.

Protective gloves must be chosen according to the work station: other chemicals that can be manipulated, protections physical requirements (cut, puncture, thermal protection), dexterity required.

Recommended features:

-Waterproof gloves conforming to the standard NF EN374

#### -Body protection

The staff will wear a regularly washed work garment.

After contact with the product, all contaminated parts of the body must be washed.

#### -Respiratory protection

Avoid inhalation of vapours.

Avoid inhalation of dust.

In case of inadequate ventilation, wear suitable respiratory equipment.

When workers are confronted with concentrations above exposure limits, they must wear a protective device appropriate and approved respiratory tract.

Type of mask FFP:

Wear a half-filter mask against single-use dust conforming to standard NF EN149.

filed: -FFP1

### 9. PHYSICAL AND CHEMICAL PROPERTIES

#### 9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

##### General information

Physical form: Solid, tablet. Colour: white.

Odeur: Pungent (of chlorine)

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Odeour threshold:	Not determined
<b>Relevant information for the Health, Security and for the environment:</b>	
pH pure	Not determined
pH water solution	6-7 a un 1%
Melting pt/range	240 - 250 °C
Swelling point	Not determined
Evaporation range	Not determined
Flamability (solid,gas)	Not determined
Upper or low limit of inflamability or explosiveness	Not determined
Vapour pressure	Not determined
Vapour density	Not determined
Related density	Not determined
Solubility	Soluble
Coefficient Partition	Not determined
Auto-inflammation Temperature	Not determined
Thermal decomposition	Not determined
Viscosity	Not determined
Explosive properties	Not determined
Comburant properties	No comburente
<b>9.2. OTHER INFORMATION</b>	
No data available	

## 10. STABILITY AND REACTIVITY

### 10.1. REACTIVITY

In case of contact with acids remove toxic gases in dangerous quantities.

### 10.2. CHEMICAL STABILITY

Stable under normal conditions of handling. In a year at 40°C, it loses less that 1% of chlorine.

This mixture is stable when handled stored as it is recommended in section 7.

### 10.3. POSSIBILITY OF HAZARDOUS REACTIONS

No data available

### 10.4. CONDITIONS TO AVOID

Avoid:

- Dust
- Moisture
- Heat

Dust can form an explosive mixture with air.

### 10.5. INCOMPATIBLE MATERIALS

Keep away from/from:

-acid

In contact with an acid, emits a poisonous gas.



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### 10.6. HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition can clear/form:  
-chlorine (CL<sub>2</sub>)

### 11. TOXICOLOGICAL INFORMATION

#### 11.1. INFORMATION ON TOXICOLOGICAL EFFECTS

Harmful if swallowed.

May cause reversible eye effects, such as eye irritation that is completely reversible over a period of time 21-day observation period.

Irritating effects may impair the functioning of the respiratory system and be accompanied by symptoms such as cough, choking and respiratory difficulties.

#### 11.1.1. SUBSTANCES

No toxicological information is available on the substances.

#### 11.1.2. MIXTURE:

No toxicological information is available on the mixture.

### 12. ECOLOGICAL INFORMATION

Very toxic to aquatic organisms, causes long-term effects.

Any flow of the product into sewers or waterways should be avoided.

#### 12.1. TOXICITY

#### 12.1.2. MIXTURES

No data available

#### 12.2. PERSISTENCE AND DEGRADABILITY

It biodegrades slowly in water

#### 12.3. BIOACCUMULATIVE POTENCIAL

No data available

#### 12.4. MOBILITY IN SOIL

No data available

#### 12.5. RESULTS OF PBT AND vPvB ASSESSMENT

No data available

#### 12.6. OTHER ADVERSE EFFECTS

No data available

### 13. DISPOSAL CONSIDERATIONS

The proper disposal of the mixture and / or its containers must be carried out in accordance with Directive 2008/98 / EC.

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### 13.1. WASTE TREATMENT METHODS

Do not empty into drains or rivers.

#### Waste

Waste disposal must be carried out without endangering the health of humans and without harming the environment. In particular, hazards to water, air, soil, fauna and flora should be avoided.



It must be recycled or disposed of according to the current legislation, preferably by a specialized company. Do not contaminate the soil or water with residues and do not pour into the environment.

#### Soiled packaging:

Empty the container completely. Keep the label on the container. Return to an approved Eliminator.

### 14. TRANSPORT INFORMATION

Transport the product in accordance with the provisions of ADR for road, RID for rail, IMDG for the sea, and ICAO/IATA for air transport (ADR 2017-IMDG 2016-ICAO/IATA 2017).

<b>14.1. UN NUMBER</b>	3077
<b>14.2. UN PROPER SHIPPING NAME</b>	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (SODIUM DICHLOROISOCYANURATE DIHYDRATE)
<b>14.3. TRANSPORT HAZARD CLASS(ES)</b>	Clase 9 
<b>14.4. PACKING GROUP</b>	III
<b>14.5. ENVIRONMENTAL HAZARDS</b>	The product should be marked as a marine pollutant. 

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### 14.6. SPECIAL PRECAUTIONS FOR USER

ADR/R ID	Class	Código	Group	Label	Ident.	QL	Dispo.	EQ	Cat.	Tunne l
	9	M7	III	9	90	5kg	274335 375601	E1	3	-

No sujeto a este Reglamento si Q < = 5 l/5 kg (ADR 3.3.1-DS 375)

IMDG	Class	2 Etiq.	Group	QL	Fs	Dispo.	EQ
	9	-	III	5 KG	F-A,S-F	27433596 9	E1

No sujeto a este Reglamento si Q < = 5 l/5 kg (IMDG 3.3.1-2.10.2.7)

IATA	Class	2 Etiq.	Group	Passenger	Passenger	Charge	Charge	Note	EQ
	9	-	III	956	400 KG	956	400 KG	A97 A158 A179 A197	E1
	9	-	III	Y956	30 KG G	-	-	A97 A158 A179 A197	E1

Not subject to this regulation if Q < = 5 L/5 kg (IATA 4.4.4-DS A197)

For limited quantities of dangerous goods, see ADR and IMDG Chapter 3.4 and part IATA 2.7.

For quantities exempted from dangerous goods, see ADR and IMDG Chapter 3.5 and part IATA 2.6.

### 14.7. TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL AND THE IBC CODE

No data available

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### 15. REGULATORY INFORMATION

#### 15.1. SAFETY, HEALTH AND ENVIRONMENTAL REGULATIONS/LEGISLATIONS SPECIFIC FOR THE SUBSTANCE OR MIXTURE

**For more information on classification and marking, see section 2:**

The following regulations have been taken into account:

- Regulation (EC) No. 1272/2008 as amended by Regulation (EU) No. 2017/776 (ATP 10)

**Information about the packaging:**

The container must carry a warning of danger detectable to the touch. According to Regulation (EC) No 1272/2008, Annex II, paragraph 3.

**-Special provisions:**

No data is available.

**-Labelling of detergents (Regulation EC No. 648/2004 and 907/2006):**

-30% and over: chlorine bleaching agents

**-Labelling of biocidal (regulation 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006, 1451/2007 and Directive 98/8/EC):**

Name	CAS	%	Product type
TROCLOSENE SODIQUE, DIHYDRATE [2]	51580-86-0	810.00 g/kg	02 / 04

Type of product 2: Disinfection not for direct application to man or animal.

Type of product 4: Human and animal food sector.

N° ICPE	Heading designation	Regime	system
2630	Désignation of detergents and soaps (industrial manufacture of or based on)	A	3
	1. Industrial manufacturing by Chemical processing	A	2
	2. Other Industrial manufactures 3. Non-industrial manufacturing		
	Production capacity greater than or equal to 1 t/d	D	
3440	Manufacture in industrial quantities by chemical or biological transformation of plant protection products or Biocides	A	3
4510	Hazardous to the aquatic environment of acute 1 or chronic Category 1. The total amount that is likely to be present in the installation is: 1. Greater than or equal to 100 t 2. Greater than or equal to 20 t but less than 100 t Low threshold amount within the meaning of article R. 511-10:100 T. High threshold amount within the meaning of article R. 511-10:200 T.	A DC	1

Plan = A: authorization; E: registration; D: declaration; S: public utility servitude; C: Subject to the periodic inspection provided for in article L. 512-11 of the environmental code.

Raya = in kilometers

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### 15.2. CHEMICAL SAFETY ASSESSMENT

No data available

### 16. OTHER INFORMATION

The data indicated correspond to our current knowledge and do not represent a guarantee of the properties. The receiver of our product must observe, under its responsibility, the corresponding regulations and regulations.

Amendments to the previous review:

Changes have been made to all the sections in accordance with Commission Regulation (EU) 2015/830 of 28 May 2015 amending Regulation (EC) N1 1907/2006 of the European Parliament and of the Council relating to the registration, evaluation, authorization and restriction of chemical substances and mixtures (REACH).

As the user's working conditions are not known to us, the information given in this safety data sheet is based on the State of our knowledge and on both national and Community regulations.

The mixture shall not be used for any purpose other than those specified in heading 1 without having obtained prior instructions from written manipulation. It is always the responsibility of the user to take all necessary measures to meet the requirements of the laws and local regulations.

The information given in this safety data sheet should be considered as a description of the requirements of the safety related to this mixture and not as a guarantee of the properties of it.

#### Wording (s) of the sentences mentioned in section 3:

H302 Harmful if swallowed.

H319 Causes severe eye irritation.

H335 May irritate the respiratory tract.

H400 Very toxic to aquatic organisms.

H410 Very toxic to aquatic organisms, causes long-term adverse effects.

EUH031 In contact with an acid, emits a poisonous gas.

#### Abbreviations:

ADR: European Agreement on the international carriage of dangerous goods by road.

IMDG: International maritime dangerous goods.

IATA: International air transport association.

ICAO: International Civil Aviation Organization.

RID: Regulations concerning the international carriage of dangerous goods by rail.

WGK: Wassergefahrdungsklasse (water hazard class).