

# STOP ALGUES OXYDANT CHOC DOUBLE ACTION

## 1 - IDENTIFICATION OF THE SUBSTANCE :

NAME **STOP ALGUES OXYDANT CHOC DOUBLE ACTION**

USE Shock treatment for swimming pool water treatment

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## 2 - HAZARDS IDENTIFICATION :

MAIN HAZARDS Causes burns (before dilution)  
Harmful if swallowed  
Irritating to respiratory system  
In contact with acids, releases a toxic gas

HAZARDOUS FOR THE ENVIRONMENT

## 3 - INFORMATION ON COMPONENTS WHICH BRING A DANGER:

**A)** Dihydrated sodium dichloro isocyanurate C<sub>3</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>3</sub>Na·2.H<sub>2</sub>O  
SYNONYM 1,3-Dichloro-1,3,5-triazine-2,4,6(1H,3H,5H)-trione, dihydrated sodium salt  
**CAS N° = 51580-86-0** **EC N° = 220-767-7** **INDEX N° = 613-030-01-7**  
*Classification : Xn , N R22, R31, R36/37, R50/53*  
*Composition : 50 - 80%*

**B)** Pentapotassium Bis(peroxymonosulphate)bis(sulphate) = triple salt with 97 % of purity  
**CAS N° : 70693-62-8** **EC N° : 274-778-7**  
*Classification : C R22, R34, R52*  
*Composition : 20 - 50%*

## 4 - FIRST AID MEASURES:

CONTACT WITH EYES Rinse immediately with plenty of water for about 15 minutes while maintaining eyes open. Seek medical advice.

CONTACT WITH SKIN Wash immediately with plenty of water. Warning: immediately take off all contaminated clothes (re-use them only once cleaned)  
In case of irritation, seek medical advice.

INGESTION If swallowed, do not give to drink, do not induce vomiting and immediately transfer the victim to hospital in an ambulance. Show the label to the doctor.  
Never give anything to eat or drink to an unconscious victim.

DUST INHALATION Bring the person to open air. Seek medical advice in case of cough or respiratory disability symptoms.

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**5 - FIRE FIGHTING MEASURES :**

EXTINGUISHING MEANS      Use large quantities of cold water on fire source(s), after having isolated them.  
**WARNING: especially, do not use powder extinguishers containing ammonium compounds.**  
**Do not use carbon dioxide.**

Do not leave contaminated extinguishing water enter into sewer or rivers.

EQUIPMENTS                      Protection equipment (with total face protection).  
Self contained breathing device.

**6 - ACCIDENTAL RELEASE MEASURES :**

Dispose of chlorinated product according to regulations in force.

CLEANING METHOD              Pick up powder mechanically,  
Dissolve it in water;  
Neutralize with a reducer (such as sodium thiosulphate) while controlling carefully pH and temperature.  
Clean contaminated place with plenty of water.

PERSONAL PROTECTION      Gloves, mask, goggles.

**7 - HANDLING AND STORAGE :**

HANDLING

Pay much attention to conditions of humidity, sun exposure and temperature.  
Store in a cool dry place, in original and tightly closed container.  
Avoid causing dust. Avoid contact with eyes and skin.  
Wash hands after use. Do not drink, eat or smoke during use.

STORAGE

Never let the product be in contact with water during storage.  
**Keep away from flammable or combustible liquids, and any other oxydable material.**  
Keep away from metallic salts, alkalis, reducing agents, ... (risk of decomposition).

**8 - EXPOSURE CONTROLS - PERSONAL PROTECTION :**

EXPOSURE CONTROL :        Use a respiratory protection device against dusts and fumes.  
Roofs must be equipped with efficient ventilation systems.

PERSONAL PROTECTION :    gloves, goggles, work clothes with long sleeves.  
Safety showers and eyewash next to work place.

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**9 - PHYSICAL AND CHEMICAL PROPERTIES:**

PHYSICAL STATE : white granules  
ODOUR : chlorine  
pH at 25 °C (1 % in the water) : 4,85  
pH at 25 °C (10 % in the water) : 4,42  
FUSION POINT : -  
FLASH POINT : -  
FLAMMABILITY : -  
EXPLOSIVITY : -  
VOLUMIC MASS : ca. 1076 kg/m<sup>3</sup>  
SOLUBILITY IN THE WATER : 26.2 g / 100 ml of water at 25 °C

**10 - STABILITY AND REACTIVITY :**

Stable in normal humidity conditions (high humidity levels must be avoided)

**INCOMPATIBILITIES**

The product is chemically incompatible with the following substances :

- Acids (release of chlorine gas).
- **calcium hypochlorite (risk of explosion)**
- organic materials or easily chlorinated or oxidized materials (risk of fire)
- ammoniac, ammonium salts, urea and all similar compounds which contain nitrogen (risk of formation of nitrogen trichloride, very explosive)
- oils or greases (risk of decomposition with release of CO<sub>2</sub> or chlorine)
- alkaline materials, such as Na<sub>2</sub>CO<sub>3</sub>, in case of humidity (risk of violent decomposition and fire)
- alcohols, ethers, biurea, and solvents such as toluene, xylenes, ...
- cyanides, metallic salts, reducing agents,...

**Products with dangerous decomposition: nitrogen trichloride, chlorine, hydrocyanic acid.**

**11 - TOXICOLOGICAL INFORMATION :**

The product may cause serious burns: eyes, skin, respiratory system... (before dissolution)

**12 - ECOLOGICAL INFORMATION:**

The product is very toxic to aquatic organisms; it may cause long term adverse effects on the aquatic environment.

**13 - DISPOSAL INFORMATION :**

WASTE : Recycle or dispose of according to regulations in force. Do not contaminate ground or water with waste. Do not dispose of in the environment.

CONTAMINATED PACKAG. : Rinse several times with water before release or disposal.  
Dispose of according to regulations in force.

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**14 - TRANSPORT INFORMATION :**

UN N° : 3260 Inorganic, corrosive, acid solid, nos (potassium monopersulphate)

ROAD TRANSPORT

Class = 8 - Pack. Group = III  
Danger label = 8 - Danger code n° = 80

SEA TRANSPORT

UN : 3260 - Class 8 - PG III - Safety data sheet n° = 8 - 15

AIRWAY TRANSPORT

Class = 8 - Packaging Group = III

This product may, in some cases, be exempted (packaging in **Limited Quantities**)  
**(LQ23 = 3Kg (ADR), 1Kg (IMDG))**

**15 - REGULATORY INFORMATION:** (conform to EC regulation n°1272/2008 (GHS))

Classification and labelling

Acute toxicity (oral) cat4  
Skin corrosion cat1B  
Specific toxicity for some target organs Cat3  
Danger chronique pour le milieu aquatique cat1



DANGER WARNING

Danger phrases

H302 Harmful if swallowed  
H314 Causes severe skin burns and eye damage  
H335 May cause respiratory irritation  
H410 Very toxic to aquatic life with long lasting effects  
EUH031 Contact with acids liberates toxic gas

Caution advice - Prevention

P102 Keep out of reach of children  
P271 Use only outdoors or in a well-ventilated area  
P273 Avoid release to the environment  
P280 Wear protective gloves/protective clothing/eye protection/face protection

Caution advice - Response

P301/330/331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting  
P303/361/353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing.  
Rinse skin with water/shower  
P304/340 IF INHALED: Remove victim to fresh air and keep at rest in a position 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  
P310 Immediately call a POISON CENTER or doctor/physician

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**15 - REGULATORY INFORMATION: (conform to the orders of 20 april 1994 and/or 21 february 1990 and adaptations, dealing with classification and labelling of hazardous substances and preparations)**

Composition : dihydrated sodium dichloroisocyanurate and Potassium Persulphate

"Warning! Do not use in combination with other products. May release dangerous gas (chlorine)."

Danger symbol

**C** - Corrosive and **N**- Hazardous for the environment



C - Corrosif



N - Dangereux pour l'environnement

R phrases

- 22 - Harmful if swallowed
- 34 - Causes burns
- 31 - Contact with acids liberates toxic gas
- 37 - Irritating to respiratory system
- 50 / 53 - Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S phrases

- 1/2 - Keep locked up and out of reach of children.
- 8 - Keep container dry.
- 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 28 - After contact with skin, wash immediately with plenty of water.
- 29 - Do not empty into drain
- 36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.
- 45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

**16 - ADDITIONAL INFORMATION :**

RECOMMENDATIONS

- Keep an emergency aid plan ready.
- Keep product away from incompatible materials.
- Store in a cool, dry and well ventilated place.
- Always store on pallets or shelves.
- Clean equipments properly before changing product.
- Empty hoppers at the end of each working day.
- Wear suitable working clothes or equipments.
- Keep lids clean and near drums in case of emergency.
- Keep workshop management informed.
- Keep product sweepings dry before neutralising them.

RESTRICTIONS

- Store liquid products above this solid.
- Do not leave organic materials (greases) accumulate on the ground.
- Do not smoke in a premises used for storage or processing of chlorinated products
- Do not use common air suction system for incompatible products
- Do not use gasoil or gasoline forklifts.
- Do not use household products for workshop grounds cleaning.
- Do not use original containers to collect sweepings.
- Do not leave product to be wet.
- Do not dispose of product in a common waste container.
- Do not allow release of non neutralised product in sewer.
- Do not use a powder extinguisher in case of fire.

Additional information

The information contained in this safety data sheet are based on our knowledge and mail legal and regulatory texts related to the product, and promulgated at the date of updating of this document.

This safety data sheet was written and must be used only for this product.

See instructions for use on labels or seek information from your professional retailer.

Combined nomenclature (INTRASTAT) for customs statistics = **3808942090**