



ENVASADOS DEL PIRINEO



C/ Binueste s/n - 22600 SABIÑÁNIGO - HUESCA - Tlf: 974 483 019 - Fax: 974 483 266 - info@envasadospirineo.com
Inscrita en el Registro Mercantil de Huesca, tomo 451, libro 278, folio 1, hoja HU-5902 1º C.I.F. B22244701

SAFETY DATA SHEET

PEROXIDE TABLETS

Date	Edition	Ref:
03/03/2009	00	FS03-1-EP

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

IDENTIFICATION OF THE SUBSTANCE	
CHEMICAL NAME:	COMPOUND OF POTASSIUM HYDROGEN PEROXYMONOSULFATE SULFATE
UN Nº	3260
USES OF THE SUBSTANCE	Disinfection of water.
COMPANY IDENTIFICATION	Envasados del Pirineo S.L. C/Binueste s/n 22600 Sabiñánigo –Huesca- España Tfno: +34 974 483 019 - Fax: +34 974 483 019 Email: info@envasadospirineo.com
EMERGENCY TELEPHONE	Tel: +34 915 620 420

2. COMPOSITION/INFORMATION ON INGREDIENTS

Composition of the Product	CAS Nº	% w/w	Hazard Classification	Risk Phrases
Compound of Potassium Hydrogen Peroxymonosulfate Sulfate	70693-62-8	Min 98%	O-C	R: 22-34-52

3. HAZARDS IDENTIFICATION

HAZARDS TO HUMAN HEALTH:
It is very irritating to eyes, skin and respiratory tract. Harmful to aquatic life
HAZARDS TO ENVIRONMENT:
Harmful to aquatic life

4. FIRST AID MEASURES

Toxicological Information Service Telephone: +34 915 620 420	
SKIN CONTACT Immediately remove contaminated clothing Wash skin with plenty of water for at least 15 minutes	
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EYE CONTACT

Flush with water for at least 15 minutes.
Going to the doctor immediately
Remove to fresh from the contaminated area.

INGESTION

DO NOT give carbonates or bicarbonates
DO NOT induce vomiting
Move to fresh to hospital

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:

Do not burn yourself. If a fire, extinguish with water, dry chemical and carbon dioxide.

SPECIAL EXPOSURE HAZARDS ARISING FROM THE SUBSTANCE, COMBUSTION PRODUCTS

Thermal decomposition produces toxic gases (see section 10)

SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Use self contained breathing apparatus and facial mask

6. ACCIDENTAL RELEASES MEASURES

PERSONAL PRECAUTIONS:

Use personal protective equipment

ENVIRONMENT PRECAUTIONS:

Oxidant. Do not let product enter the sewer system

METHODS FOR CLEANING UP

Sweep and dilute with plenty of water. Keep the container open. Avoid dust formation

7. HANDLING AND STORAGE

HANDLING:

Handle in well ventilated area. Trying not to raise dust
Wash hands thoroughly after handling the product

STORAGE:

Keep in a cool, dry, well ventilated area away from combustible material.
Store in original container

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SPECIFIC USES:

When using in the treatment of pool water it should not be mixed in an uncontrolled way with other products that must be added to it as they may interact violently.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT VALUES:

TWA: 8 hours = 5 mg/m³
Particulates, nor otherwise regulated:
TLV-TWA-Total dust 10 mg/m³
Respirable dust 3 mg/m³ (ACGIH 2005)

EXPOSURE CONTROLS:

Respiratory Protection: Use mask against dust
Hand Protection: Use gloves for chemical hazards
Eye Protection: Use goggles to protect eyes completely
Skin Protection: Use clothing suitable for protecting the body.

9. PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

Appearance:	White Tablets
Odour:	No odour
pH (1 % solution):	2-3 (for 10 gr/lit dissolutions)
Flammability	No flammable
Density (20°C)	1,0 – 1,2 gr/Lt
Oxidising properties	Powerful oxidizer.
Water solubility (25°C)	250 gr/Lt (at 20°C)
	330 gr/Lt (at 70°C)

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID

High temperatures from 70 ° C exothermic decomposition. **NO HEAT**

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MATERIALS TO AVOID :

Do not mix with alkalis and / or combustible materials. If coupled with compounds containing halogens, the halogen is released. For example, when mixed with sodium dichloroisocyanurate or sodium chloride may release chlorine gas. Do not mix with cyanide and heavy metal salts such as cobalt, nickel, copper or manganese.

HAZARDOUS DECOMPOSITION PRODUCTS

Gives off hydrogen cyanide gas (extremely toxic) in contact with cyanide.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity LD50 rabbit

LD50 > 10.000 mg/Kg
Corrosive when applied directly to skin
Very irritating to 25% in solution
Non-irritating to 3% in solution
Not mutagenic in the Ames test
Is not carcinogenic

Inhalation toxicity rat LC50

LD50 = 1.600 mg/Kg

12. ECOLOGICAL INFORMATION

Aquatic Toxicity

LC50 (24 h) = 32 a 56 mg/l for "zebrafish": TOXICO
LC50 (24 h) = 30 a 60 mg/l for "brachydanior"
EC50 (48 h) = 5,3 mg/l for "Daphnia Magna": TOXICO:

Bacteria toxicity

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(Pseudomonas putrida) EC50 = 179 mg/l

13. DISPOSAL CONSIDERATIONS:

Disposal of the product, contaminated packaging and waste

10% dissolved in water. Neutralized with an alkali (do it carefully and slowly because there is heat release and oxygen

Pour the waste in accordance with applicable law

14. TRANSPORT INFORMATION

Transport by road ADR 2005:

Name: Corrosive Solid Inorganic, Acid N.E.P
UN Nº: 3260
Hazard Class 8
Label: 8
Packing group: II

Transport by railroad (RID 2005)

Name: Corrosive Solid Inorganic, Acid N.E.P
UN Nº: 3260
Hazard Class 8
Label: 8
Packing group: II

Transport by ship (IMDG)

Name: Corrosive Solid Inorganic, Acid N.E.P
UN Nº: 3260
Hazard Class 8
Label: 8
Packing group: II

15. REGULATORY INFORMATION

Hazard Classification of the product:	Corrosive (C)
R Phrases:	R-22: Harmful if swallowed

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	R-34: Causes burns R-52: Harmful to aquatic organisms
S Phrases:	S-2: Keep out of the reach of children. S-13: Keep away from food, drink and animal feedingstuffs. S-17: Keep away from combustible material S-26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S-36/37/39: Wear suitable protective clothing, gloves and eye/face protection S-45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S-50: Do not mix with acids

16. OTHER INFORMATION

The information in this sheet was also distributed to the purposes specified in Law 31/1995 of November 8 BOE 10.11.1995, Occupational Risk Prevention, Directive 89/391 / EEC. These sheets are made according to EEC Directive 67/548 and successive adaptations. Last adaptation: Order of 5 October 2000 amending Regulation of new substances and classification, packaging and labeling of dangerous substances, approved by ED 363/95.

Tennants Distribution Ltd
Oakwood Ind Est
Thamesway
NORTHFLEET
Kent, DA11 9DT
www.pool-chem.co.uk

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