

BLEACH TABS

SAFETY DATA

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

SECTION 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1.1. Product identifier

Product Name: BLEACH TABS (PASTJAVELE)

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

Disinfecting and cleaning tablets to dissolve in water.

1.3. Information on the supplier of the safety data sheet

Corporate Name: PRODIFA.

Address: ZAE Les Dix Muids - 59770 MARLY - FRANCE. Phone: +33 (0)3 27 28 19 19 - Fax : +33 (0)3 27 28 19 10

Email: info@prodifa.com

1.4. Emergency telephone number: +33 (0) 1 45 42 59 59.

Company / Organization: INRS / ORFILA <http://www.centres-antipoison.net>.

SECTION 2: HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture

In accordance with Regulation (EC) No 1272/2008 and its adaptations. Acute oral toxicity, Category 4 (Acute Tox., 4, H302). Eye irritation, Category 2 (Eye Irrit 2, H319).

Specific target organ toxicity (single exposure), Category 3 (STOT SE 3, H335). Acute toxicity to the aquatic environment, Category 1 (Aquatic Acute 1, H400).

Chronic toxicity to the aquatic environment, Category 1 (Aquatic Chronic 1, H410). Contact with acid releases toxic gas (EUH031).

This mixture does not present a physical danger. See the recommendations concerning the other products present in the room.

2.2. Labeling elements

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

In accordance with Regulation (EC) No 1272/2008 and its adaptations.

Hazard pictograms:



GHS07



GHS09

Signal word: CAUTION Product identifier:

613-030-01-7 SODIUM SALT OF DICHLOROISOCYANURIC ACID DIHYDRATE

Additional Labeling:

EUH206 Warning! Do not use in combination with other products. Can release dangerous gases (chlorine).

Hazard statements and additional hazard information: H302 Harmful if swallowed.

H319 Causes serious eye irritation. H335 May irritate the respiratory tract.

H410 Very toxic to aquatic life with long lasting effects. EUH031 Contact with acids liberates toxic gas.

Precautionary statements - Generals:

P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children.

P103 Read the label before use. Precautionary statements - Prevention:

P261 Avoid breathing dust.

P264 Wash hands thoroughly after handling.

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.

Precautionary statements - Intervention:

P301 + P312 IF SWALLOWED: Call a POISON CENTER / doctor / if you feel unwell.

P304 + P340 IF INHALED: Remove person to fresh air and keep 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 to rinse.

P330 Rinse mouth.

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P337 + P313 If eye irritation persists: Get medical advice / attention. P391 Collect spilled product.

Precautionary statements - Elimination:

P501 Dispose of contents / container to disposal center in accordance with local regulations. **2.3. Autres dangers**

The mixture does not contain 'Substances of very high concern' (SVHC) > = 0.1% published by the European Chemicals Agency (ECHA) according to article 57 of REACH: <http://echa.europa.eu/en/candidate-list-table>

The mixture does not meet the criteria for PBT or vPvB mixtures according to Annex XIII of REACH Regulation (EC) No 1907/2006

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

3.2. Mixtures

Composition :

Identification	(CE) 1272/2008	Nota	%
INDEX: 613-030-01-7 CAS: 51580-86-0 EC: 220-767-7 SODIUM SALT OF DICHLOROISOCYANURIC ACID DIHYDRATE	GHS07, GHS09 Wng Acute Tox. 4, H302 Eye Irrit. 2, H319 STOT SE 3, H335 Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1 EUH:031		50 <= x % < 89.5
INDEX: 607-144-00-9 CAS: 124-04-9 EC: 204-673-3 ADIPIC ACID	GHS07 Wng Eye Irrit. 2, H319	[1]	2.5 <= x % < 7

Component Information:

[1] Substance for which there are occupational exposure limit values.

SECTION 4: FIRST AID

In general, if in doubt or if symptoms persist, always seek medical attention. NEVER give anything to an unconscious person.

4.1. Description of first aid

In case of inhalation:

In the event of massive dust inhalation, remove the patient to fresh air, keep warm and at rest.

If the person is unconscious, place the person in a lateral safety position. Inform a doctor in all cases to judge the appropriateness of monitoring and symptomatic treatment in hospital.

If breathing is irregular or stopped, give artificial respiration and seek medical attention.

In case of contact with the eyes:

Wash thoroughly with fresh, clean water for 15 minutes holding eyelids apart. If pain, redness or visual discomfort occurs, consult an ophthalmologist.

In case of contact with the skin:

Beware of the product that may exist between the skin and clothing, watch, shoes, ...

If swallowed:

Do nothing absorb by mouth.

If swallowed, if not large, (no more than one sip), rinse mouth with water, administer activated charcoal and consult a physician.

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Consult a doctor by showing him the label.

In the event of accidental ingestion call a doctor to judge whether it is advisable to supervise and further treatment in a hospital environment, if necessary. Show the label.

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

No data is available.

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

No data is available.

SECTION 5: FIRE FIGHTING MEASURES

Non-flammable.

5.1. Extinguishing media

Suitable means of extinction

In case of fire, use:

- water spray or water mist

5.2. Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health. Do not inhale the smoke.

In case of fire, can be formed:

- chlorine (Cl₂)

5.3. Advice to firefighters

Due to the toxicity of gases emitted during the thermal decomposition of the products, the responders will be equipped with self-contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Refer to the protective measures listed in sections 7 and 8.

For non-rescuers

Avoid all contact with skin and eyes. Avoid inhalation of dust.

If quantities are large, evacuate personnel using only trained operators equipped with protective equipment.

For the rescuers

Stakeholders will be equipped with appropriate personal protection equipment (Refer to section 8).

6.2. Precautions for the protection of the environment

Prevent entry into sewers or waterways.

6.3. Methods and material for containment and cleaning

Recover the product by mechanical means (sweeping / vacuuming).

6.4. Reference to other topics

No data available

SECTION 7: HANDLING AND STORAGE

Requirements for storage rooms are applicable to workshops where the mixture is handled.

7.1. Precautions for safe handling

Wash your hands after every use.

Remove and wash contaminated clothing before reuse.

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Fire prevention:

Handle in well ventilated areas. Prohibit access to unauthorized persons.

Recommended equipment and procedures:

For personal protection, see section 8.

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

Also provide respiratory protection for certain short-term, exceptional work or for emergency interventions.

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.

7.2. Conditions for safe storage, including any incompatibilities

No data is available.

Storage

Keep out of the reach of children.

Keep container tightly closed in a dry, well-ventilated place. Keep away from food and drinks including those for animals.

Packaging

Always keep in packaging of the same material as the original.

7.3. Specific end use (s)

No data available.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control settings

Occupational exposure limit values:

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA :	STEL :	Ceiling :	Définition :	Critères :
124-04-9	5 mg/m3				

- Belgique (Arrêté du 19/05/2009, 2010) :

CAS	TWA :	STEL :	Ceiling :	Définition :	Critères :
124-04-9	5 mg/m3				

8.2. Exposure controls

Individual protection measures, such as personal protective equipment

Pictogram (s) of obligation to wear personal protective equipment (PPE):



Use personal protective equipment that is clean and properly maintained.

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. Ensure adequate ventilation, especially in confined areas.

- Eye / face protection

Avoid contact with eyes.

Before any handling of powders or emission of dust, it is necessary to wear goggles in accordance with NF EN166 standard.

Corrective eyewear is not a protection.

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

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- Hand protection

Use suitable protective gloves resistant to chemical agents in accordance with NF EN374. The selection of gloves should be made according to the application and the duration of use at the workplace.

Protective gloves must be chosen according to the workplace: other chemicals that can be handled, physical protections required (cutting, pitting, thermal protection), dexterity required.

Recommended features:

- Impervious gloves in accordance with NF EN374

- Body protection

Staff personnel will wear a regularly cleaned work uniform.

After contact with the product, all soiled parts of the body should be washed.

- Respiratory protection

Avoid inhalation of dust.

In case of insufficient ventilation, wear suitable respiratory equipment.

When workers are exposed to concentrations above the exposure limits, they must wear appropriate and approved respirators.

FFP mask type:

Wear a half-mask filter against single-use dust in accordance with standard NF EN149. Class :

- FFP1

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on essential physical and chemical properties

General informations

Physical State: Solid. Odor: Chlorinated. White colour.

Important health, safety and environmental information pH: Not relevant. Flash point interval: Not relevant. Vapor pressure (50 ° C):

Not relevant. Density:> 1

Water solubility: Soluble.

9.2. Other information

No data available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

This mixture reacts with acids, releasing toxic gases in dangerous amounts.

10.2. Chemical stability

This mixture is stable under the handling and storage conditions recommended in section 7.

10.3. Possibility of hazardous reactions

No data is available.

10.4. Conditions to avoid

To avoid :

- dust formation

Dust can form an explosive mixture with air.

10.5. Incompatible materials

Keep away from:

- acids

In contact with an acid, releases a toxic gas.

10.6. Hazardous decomposition products

Thermal decomposition can release / form:

- chlorine (Cl₂)

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Harmful if swallowed.

May cause reversible effects on the eyes, such as eye irritation which is completely reversible after a 21-day observation period.

Irritant effects may impair the functioning of the respiratory system and may be accompanied by symptoms such as coughing, choking, and breathing difficulties.

11.1.1. substances

No toxicological information is available on the substances.

11.1.2. Mixed

No toxicological information is available on the mixture.

Substance (s) described in a toxicological data sheet of the INRS (National Research and Safety Institute):

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SECTION 12: ECOLOGICAL INFORMATION

Very toxic to aquatic life with long lasting effects. Any discharge of the product into sewers or waterways should be avoided.

12.1. Toxicity

12.1.2. mixtures

No aquatic toxicity information is available on the mixture.

12.2. Persistence and degradability

No data is available.

12.3. Potential for bioaccumulation

No data is available.

12.4. Mobility in the soil

No data is available.

12.5. Results of PBT and vPvB assessment

No data is available.

12.6. Other adverse effects

No data is available.

German regulations concerning the classification of hazards for water (WGK):

WGK 2 (VwVwS vom 27/07/2005, KBws): Contains a danger for water.

SECTION 13: DISPOSAL CONSIDERATIONS

Appropriate management of the waste of the mixture and / or its container shall be determined in accordance with the provisions of Directive

2008/98 / EC.

13.1. Waste treatment methods

Do not dump into drains or streams.

Waste:

Waste management is done without endangering human health and without harming the environment, and in particular without creating risk for water, air, soil, fauna or flora.

Recycle or dispose of in accordance with current legislation, preferably by a collector or an approved company. Do not contaminate soil or water with waste, do not dispose of in the environment.

Contaminated packaging:

Empty the container completely. Keep the label on the container. Give to a certified disposal contractor.

SECTION 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).

14.1. UN number

3077

14.2. UN proper shipping name

UN3077 = ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.S.A. (sodium salt of dichloroisocyanuric acid dihydrate)

14.3. Class (es) of danger for transport

- Classification:



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14.4. Packing group

III

14.5. Environmental hazards

- Material dangerous for the environment



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14.6. Special precautions to be taken by the user

ADR/RID	Classe	Code	Groupe	Etiquette	Ident.	QL	Dispo.	EQ	Cat.	Tunnel
	9	M7	III	9	90	5 kg	274 335 375 601	E1	3	-

Not subject to this regulation if Q <= 5 l / 5 kg (ADR 3.3.1 - DS 375)

IMDG	Classe	2°Etiqu	Groupe	QL	FS	Dispo.	EQ
	9	-	III	5 kg	F-A,S-F	274 335 969	E1

Not subject to this regulation if Q <= 5 l / 5 kg (IMDG 3.3.1 - 2.10.2.7)

IATA	Classe	2°Etiqu.	Groupe	Passager	Passager	Cargo	Cargo	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 IATA Part 2.7. For excepted quantities of dangerous goods, see ADR and IMDG Chapter 3.5 and IATA Part 2.6.

14.7. Transport in bulk according to Annex II of the Marpol Convention and the IBC Code

No data available

SECTION 15: REGULATORY INFORMATION

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

- Classification and labeling information in section 2:

The following regulations have been taken into account:

- Regulation (EC) No 1272/2008 as amended by Regulation (EU) No 2016/1179 (ATP 9)

- Information about the packaging:

Packagings to be marked with a detectable hazard to the touch (see Regulation (EC) No 1272/2008, Annex II, Part 3).

- Particular dispositions :

No data is available.

- Labeling of biocides (Regulation 1896/2000, 1687/2002, 2032/2003, 1048/2005, 1849/2006, 1451/2007 and Directive 98/8 / EC):

Nom	CAS	%	Type de produits
SEL DE SODIUM DE L'ACIDE DICHLOOROISOCYANURIQUE DIHYDRATE	51580-86-0	770.00 g/kg	02 03 04

Type of Products 2: Disinfectants and algicides not intended for direct application to humans or animals

Type of products 3: Veterinary hygiene.

Type of products 4: Surfaces in contact with food and feed.

- Nomenclature of classified installations (Version 40 of April 2017, taking into account the provisions of Directive 2012/18 / EU Seveso 3):

N ° ICPE Designation of the section Régime Rayon

3440 Manufacturing in industrial quantities by chemical or biological transformation of plant protection products or A 3 biocides

4510 Hazardous to the aquatic environment of acute category 1 or chronic 1.

The total quantity likely to be present in the installation being:

1. Greater than or equal to 100 t A 1

2. Greater than or equal to 20 t but less than 100 t DC Low threshold quantity within the meaning of Article R. 511-10: 100 t.

High threshold quantity within the meaning of Article R. 511-10: 200 t.

Regime = A: authorization; E: Recording; D: statement; S: servitude of public utility; C: subject to the periodic inspection provided for in Article L. 512-11 of the French Environment Code.

Radius = Display radius in kilometers.

- German regulations concerning the classification of hazards for water (WGK):

WGK 2 (VwVwS vom 27/07/2005, KBws): Contains a danger for water.

15.2. Chemical safety assessment

No data available.

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SECTION 16: OTHER INFORMATION

Since 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 must not be used for other purposes than those specified in section 1 without first obtaining written handling instructions.
It is always the responsibility of the user to take all necessary measures to meet the requirements of local laws and regulations.
The information given in this safety data sheet shall be considered as a description of the safety requirements for this mixture and not as a guarantee of the properties of the mixture.

Wording of the sentences mentioned in section 3:

H302 Harmful if swallowed.

H319 Causes serious eye irritation. H335 May irritate the respiratory tract.

H360FD May damage fertility. May harm the fetus. H400 Very toxic to aquatic organisms.

H410 Very toxic to aquatic life with long lasting effects. EUH031 Contact with acids liberates toxic gas.

Abréviations :

CMR: Carcinogenic, mutagenic or reprotoxic.

ADR: European Agreement concerning 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: Wassergefährdungsklasse (Water Hazard Class).

GHS07: Exclamation point. GHS09: Environment.

PBT: Persistent, bioaccumulative and toxic. vPvB: Very persistent and very bioaccumulative. SVHC: Substance of Very High Concern.