



SAFETY DATA SHEET INSTACHLOR PR TABLETS

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

1.1. Product identifier

Product name INSTACHLOR PR TABLETS
Product No. WT 406, WT 415, WT 424, WT 442, WT 446, WT 448

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

Identified uses Disinfectant.

1.3. Details of the supplier of the safety data sheet

Supplier PALINTEST LIMITED
PALINTEST HOUSE
TEAM VALLEY
GATESHEAD
TYNE & WEAR NE11 0NS
ENGLAND
TEL 0191 491 0808
FAX 0191 482 5372
palintest@palintest.com

1.4. Emergency telephone number

+44 (0) 191 491 0808 (MON-THU 08:45-16:45, Fri 08:45- 16:05)
National Emergency Telephone Number
NHS Direct: 0845 4647 (England and Wales) NHS 24: 08454 24 24 24 (Scotland)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (1999/45/EEC) Xn;R22. Xi;R36/37. N;R50/53. R31.
Human health
See section 11 for additional information on health hazards.

2.2. Label elements

Contains TROCLOSENE SODIUM
Labelling



Harmful



Dangerous for the environment

Risk Phrases

R22	Harmful if swallowed.
R31	Contact with acids liberates toxic gas.
R36/37	Irritating to eyes and respiratory system.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Safety Phrases

S25	Avoid contact with eyes.
S41	In case of fire and/or explosion do not breathe fumes.
S51	Use only in well-ventilated areas.
S60	This material and its container must be disposed of as hazardous waste.

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2.3. Other hazards

Not Classified as PBT/vPvB by current EU criteria.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

TROCLOSENE SODIUM	30-60%
CAS-No.: 2893-78-9	EC No.: 220-767-7
Classification (EC 1272/2008) Ox. Sol. 2 - H272 EUH031 Acute Tox. 4 - H302 Eye Irrit. 2 - H319 STOT SE 3 - H335 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	Classification (67/548/EEC) E;R2 O;R8 Xn;R22 Xi;R36/37 R31 N;R50/53
ADIPIC ACID	10-30%
CAS-No.: 124-04-9	EC No.: 204-673-3
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36
SODIUM CARBONATE	<5.5 %
CAS-No.: 497-19-8	EC No.: 207-838-8
Classification (EC 1272/2008) Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Composition Comments

The data shown are in accordance with the latest EC Directives.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

General information

Consult a physician for specific advice.

Inhalation

Move the exposed person to fresh air at once. If breathing stops, provide artificial respiration. Consult a physician for specific advice.

Ingestion

Do not give victim anything to drink if he is unconscious. Rinse mouth thoroughly. Consult a physician for specific advice.

Skin contact

Remove affected person from source of contamination. Wash skin thoroughly with soap and water. Consult a physician for specific advice.

Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

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

General information

No information available.

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

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No data available.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Fire can be extinguished using: Powder.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Carbon monoxide (CO). Carbon dioxide (CO₂). Hydrogen chloride (HCl). Nitrous gases (NO_x).

Unusual Fire & Explosion Hazards

Fire causes formation of toxic gases.

5.3. Advice for firefighters

Special Fire Fighting Procedures

NOTE! Use air-supplied respirators to protect against gases/fumes.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Do not allow ANY environmental contamination.

6.3. Methods and material for containment and cleaning up

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Should be prevented from entering drains.

6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. Collect and dispose of spillage as indicated in section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Observe good chemical hygiene practices. Keep away from heat, sparks and open flame.

7.2. Conditions for safe storage, including any incompatibilities

Keep in original container. Keep separate from food, feedstuffs, fertilisers and other sensitive material. Store in a cool place. Store in a dry place. Store away from: Acids.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Ingredient Comments

WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective equipment



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Respiratory equipment

No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

Hand protection

Use suitable protective gloves if risk of skin contact. Nitrile gloves are recommended.

Eye protection

Wear approved safety goggles.

Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

No specific hygiene procedures noted, but good personal hygiene practices are always advisable, especially when working with chemicals.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Solid
Colour	White.
Odour	Characteristic. Chlorine.
Solubility	Soluble in water.
Decomposition temperature (°C)	240

9.2. Other information

Not known.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under the prescribed storage conditions.

10.3. Possibility of hazardous reactions

Not known.

10.4. Conditions to avoid

Avoid contact with acids and oxidising substances. Avoid exposure to high temperatures or direct sunlight. Avoid contact with strong reducing agents.

10.5. Incompatible materials

Materials To Avoid

Flammable/combustible material. Strong acids. Strong reducing agents.

10.6. Hazardous decomposition products

When heated, vapours/gases hazardous to health may be formed. Corrosive gases/vapours/fumes of: Chlorine. Carbon monoxide (CO). Carbon dioxide (CO₂). Hydrogen chloride (HCl). Nitrous gases (NO_x).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxic Dose 1 - LD 50

992 mg/kg (oral-mouse)

Inhalation

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Ingestion

May cause discomfort if swallowed. Harmful if swallowed.

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Skin contact

Liquid may irritate skin. Skin irritation is not anticipated when used normally.

Eye contact

Irritating to eyes.

Route of entry

Inhalation. Ingestion. Skin and/or eye contact.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

12.1. Toxicity

EC 50, 48 Hrs, Daphnia, mg/l <1

12.2. Persistence and degradability

Degradability

There are no data on the degradability of this product.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

Mobility:

The product is soluble in water.

12.5. Results of PBT and vPvB assessment

Not Classified as PBT/vPvB by current EU criteria.

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Do not allow runoffs! This chemical is toxic to organisms in water.

SECTION 14: TRANSPORT INFORMATION

General

Classified as UN3077 but product not covered by transport regulations due to Special Provisions A158.

14.1. UN number

UN No. (ADR/RID/ADN) 3077

UN No. (IMDG) 3077

UN No. (ICAO) 3077

14.2. UN proper shipping name

Proper Shipping Name ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (TROCLOSENE SODIUM)

14.3. Transport hazard class(es)

ADR/RID/ADN Class 9

ADR/RID/ADN Class Class 9: Miscellaneous dangerous substances and articles.

ADR Label No. 9

IMDG Class 9

ICAO Class/Division 9

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Transport Labels



14.4. Packing group

ADR/RID/ADN Packing group	III
IMDG Packing group	III
ICAO Packing group	III

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant



14.6. Special precautions for user

EMS	F-A, S-F
Emergency Action Code	2Z
Hazard No. (ADR)	90
Tunnel Restriction Code	(E)

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

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

Approved Code Of Practice
Safety Data Sheets for Substances and Preparations.

15.2. Chemical Safety Assessment

A chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Issued By	L. Morgan
Revision Date	13/11/2013
Revision	3
Supersedes date	21/03/2013
Safety Data Sheet Status	Approved.
Risk Phrases In Full	
R31	Contact with acids liberates toxic gas.
R8	Contact with combustible material may cause fire.
R22	Harmful if swallowed.
R36/37	Irritating to eyes and respiratory system.
R36	Irritating to eyes.
R2	Risk of explosion by shock, friction, fire or other sources of ignition.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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Hazard Statements In Full

EUH031	Contact with acids liberates toxic gas.
H272	May intensify fire; oxidiser.
H302	Harmful if swallowed.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.