



SAFETY DATA SHEET OMNISAN PLUS

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name OMNISAN PLUS CLEANING TABLETS

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

Identified uses Cleaning

1.3. Details of the supplier of the safety data sheet

Supplier

Panadent Ltd.
149 Sevenoaks Way
Orpington
Kent BR5 3AQ
UK
T: +44(0)1689 881788
(Hours 09:00- 17:00 Mon to Fri)
F: +44(0)1689 881789
info@panadent.co.uk

1.4. Emergency telephonenumber

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Eye Irrit. 2 - H319 STOT SE 3 - H335

Environmental hazards Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410

2.2. Label elements

Pictogram



Signal word Warning

Hazard statements H319 Causes serious eye irritation.
H335 May cause respiratory irritation.
H410 Very toxic to aquatic life with long lasting effects.

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Precautionary statements	<p>P271 Use only outdoors or in a well-ventilated area.</p> <p>P273 Avoid release to the environment.</p> <p>P337+P313 If eye irritation persists: Get medical advice/ attention.</p> <p>P391 Collect spillage.</p> <p>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</p> <p>P405 Store locked up.</p> <p>P501 Dispose of contents/ container in accordance with national regulations.</p>
Supplemental label information	<p>EUH031 Contact with acids liberates toxic gas.</p> <p>RCH002b For professional users only.</p>
Contains	TROCLOSENE SODIUM
Supplementary precautionary statements	<p>P261 Avoid breathing dust.</p> <p>P264 Wash contaminated skin thoroughly after handling.</p> <p>P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.</p> <p>P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.</p> <p>P312 Call a POISON CENTER/ doctor if you feel unwell.</p>

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

TROCLOSENE SODIUM		30-60%
CAS number: 2893-78-9	EC number: 220-767-7	
M factor (Acute) = 1	M factor (Chronic) = 1	
Classification Ox. Sol. 2 - H272 Acute Tox. 4 - H302 Eye Irrit. 2 - H319 STOT SE 3 - H335 Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410		
ADIPIC ACID		10-30%
CAS number: 124-04-9	EC number: 204-673-3	
Classification Eye Irrit. 2 - H319		
SODIUM CARBONATE		1-5%
CAS number: 497-19-8	EC number: 207-838-8	
Classification Eye Irrit. 2 - H319		

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SODIUM BENZOATE FOODGRADE	1-5%
CAS number: 532-32-1	EC number: 208-534-8
Classification Eye Irrit. 2 - H319	

The full text for all hazard statements is displayed in Section 16.

Composition comments Note T for troclosen sodium as per Commission Directive 20008/58/EC applies

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move affected person to fresh air at once. Get medical attention. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Do not induce vomiting. Remove affected person from source of contamination. Give plenty of water to drink. Get medical attention immediately. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing.
Skin contact	Skin irritation is not anticipated when used normally. In the event of irritation: Remove contaminated clothing. Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Continue to rinse for at least 15 minutes. Get medical attention promptly if symptoms occur after washing.

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

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	The product is not flammable. Extinguish with the following media: Water spray, dry powder or carbon dioxide.
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5.2. Special hazards arising from the substance or mixture

Specific hazards	Protection against nuisance dust must be used when the airborne concentration exceeds 10 mg/m ³ . Oxides of carbon. Oxides of nitrogen. Fire or high temperatures create: Thermal decomposition or combustion products may include the following substances: Very corrosive gases or vapours. Chlorine. Hydrogen chloride (HCl). Thermal decomposition or combustion products may include the following substances: Toxic gases or vapours. Decomposes above 250°C with release of chlorine and other toxic fumes.
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5.3. Advice for firefighters

Protective actions during firefighting	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Contain and collect extinguishing water.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

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Personal precautions

Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Ensure suitable respiratory protection is worn during removal of spillages in confined areas.

6.2. Environmental precautions

Environmental precautions Not considered to be a significant hazard due to the small quantities used. Collect and dispose of spillage as indicated in Section 13.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Collect and place in suitable waste disposal containers and seal securely. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Avoid generation and spreading of dust. Flush contaminated area with plenty of water. Containers with collected spillage must be properly labelled with correct contents and hazard symbol. Do not close drums containing wet or damp material.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Avoid spilling. Avoid contact with skin and eyes. Do not handle broken packages without protective equipment. Keep away from heat, sparks and open flame. Do not eat, drink or smoke when using the product. Good personal hygiene procedures should be implemented. Avoid inhalation of vapours/spray and contact with skin and eyes. Provide adequate ventilation. Container must be kept tightly closed when not in use. Protect against direct sunlight. Follow instructions and ensure correct dilution of this product before use.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep only in the original container.

7.3. Specific enduse(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Ingredient comments

WEL = Workplace Exposure Limits No exposure limits known for ingredient(s).

ADIPIC ACID (CAS: 124-04-9)

DNEL

Industry - Inhalation; Short term : 5 mg/m3

PNEC

- Fresh water; Short term 0.126 mg/l
- Marine water; Short term 0.0126 mg/l
- Sediment; Short term 0.484 mg/l
- Soil; Short term 0.0228 mg/l

8.2. Exposure controls

Protective equipment



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Appropriate engineering controls	No specific ventilation requirements. This product must not be handled in a confined space without adequate ventilation.
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
Other skin and body protection	Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.
Hygiene measures	Do not smoke in work area. Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Wash promptly with soap and water if skin becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.
Respiratory protection	No specific recommendations. Respiratory protection may be required if excessive airborne contamination occurs.
Environmental exposure controls	Do not allow undiluted product to enter drains.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	White flat tablet
Odour	Characteristic.
pH	pH (diluted solution): 4-6 approx 1
Solubility(ies)	Soluble in water.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability	Stable at normal ambient temperatures.
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10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid	Avoid contact with the following materials: Acids. Oxidising agents. Avoid exposure to high temperatures or direct sunlight. Avoid contact with strong reducing agents.
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10.5. Incompatible materials

Materials to avoid	Flammable/combustible materials. Organic materials, oils, grease, sawdust, reducing agents, nitrogen-containing compounds (NaDCC may generate nitrogen trichloride which is explosive), oxidizing substances, acids and alkalis, damp or slightly wet conditions.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Heating may generate the following products: Carbon monoxide (CO). Oxides of nitrogen. Hydrogen chloride (HCl). Isocyanates.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

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Acute toxicity - oral

ATE oral (mg/kg) 2,709.95

Inhalation May cause respiratory system irritation.

Ingestion May be harmful if swallowed.

Skin contact Skin irritation should not occur when used as recommended.

Eye contact Irritating to eyes.

Route of entry Inhalation Ingestion. Skin and/or eye contact

SECTION 12: Ecological Information

12.1. Toxicity

Acute toxicity - aquatic invertebrates EC₅₀, 48 hours: < 1 mg NaDCC mg/l, Daphnia magna

12.2. Persistence and degradability

Persistence and degradability The product is expected to be biodegradable.

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

Road transport notes Product transported in Limited Quantities.

14.1. UN number

UN No. (ADR/RID) 3077

UN No. (IMDG) 3077

UN No. (ICAO) 3077

14.2. UN proper shipping name

Proper shipping name (ADR/RID) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(TROCLOSENE SODIUM)

Proper shipping name (IMDG) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(TROCLOSENE SODIUM)

Proper shipping name (ICAO) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(TROCLOSENE SODIUM)

Proper shipping name (ADN) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(TROCLOSENE SODIUM)

14.3. Transport hazard class(es)

ADR/RID class 9

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ADR/RID label	9
IMDG class	9
ICAO class/division	9

14.4. Packing group

ADR/RID packing group	III
IMDG packing group	III
ICAO packing group	III

14.5. Environmental hazards

14.6. Special precautions for user

EmS	F-A, S-F
Emergency Action Code	2Z
Hazard Identification Number (ADR/RID)	90
Tunnel restriction code	(E)

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

SECTION 15: Regulatory information

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

National regulations	The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Guidance	Workplace Exposure Limits EH40. CHIP for everyone HSG228. Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date	25/03/2011
Revision	10
Supersedes date	25/02/2011
SDS number	10286
Hazard statements in full	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.

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.