

URINAL CLEANER TABLETS

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

1.1. Product identifier

Product name Urinal Cleaner Tablets
Internal identification F1V1

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

Identified uses Urinals and removing limescale.

1.3. Details of the supplier of the safety data sheet

Supplier Smarti™ Environmental Products Limited,
Exeter Estates, Peamore Centre,
Alphington,
Exeter, Devon EX2 9SL
01392 311202

Contact person info@smartilimited.com

1.4. Emergency telephone number

Emergency telephone (01392) 311202 (office hours only)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards

Not Classified

Health hazards

Skin Irrit. 2 - H315 Eye Irrit. 2 - H319

Environmental hazards

Aquatic Chronic 3 - H412

2.2. Label elements

Pictogram



Signal word

Warning

Hazard statements

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

Urinal Cleaner Tablets

- P264 Wash contaminated skin thoroughly after handling.
- P273 Avoid release to the environment.
- P280 Wear protective gloves/protective clothing/eye protection/face protection.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P321 Specific treatment (see medical advice on this label).
- P332+P313 If skin irritation occurs: Get medical advice/attention.
- P337+P313 If eye irritation persists: Get medical advice/attention.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P501 Dispose of contents/container in accordance with national regulations.
- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P103 Read label before use.

Detergent labelling

< 5% anionic surfactants, < 5% perfumes

2.3. Other hazards

None

SECTION 3: Composition/information on ingredients

3.2. Mixtures

1. No INCI name (Sulphamic Acid) 2. Sodium Carbonate 3. Sodium chloride 4. Sodium sulphate 5. Glycol 6. Sodium Lauryl Sulfoacetate 7. Paraffinum liquidum 8. Disodium sulfoacetate 9. No INCI name (Granulation excipient) 10. Cetareth-2 11. Perfume 12. Quartz 13. No INCI name (Alcohols, C12-14) 14. Colour

Classification

Skin Irrit. 2 - H315
 Skin Irrit. 2 - H315
 Eye Irrit. 2 - H319
 Eye Irrit. 2 - H319
 Aquatic Chronic 3 - H412
 Aquatic Chronic 3 - H412

Classification (67/548/EEC or 1999/45/EC)

Xi; R36/38. R52/53

Sodium Carbonate

10-30%

CAS number: 497-19-8 EC number: 207-838-8 REACH registration number: 01-2119485498-19-0000

Classification

Eye Irrit. 2 - H319

Classification (67/548/EEC or 1999/45/EC)

Xi; R36

Sodium Lauryl Sulfoacetate

1-5%

CAS number: 1847-58-1 EC number: 217-431-7

Classification

Skin Irrit. 2 - H315
 Eye Dam. 1 - H318
 STOT SE 3 - H335

Classification (67/548/EEC or 1999/45/EC)

Xi; R41, R37/38

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

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

Remove exposure and give water to drink if mouth irritation experienced. Seek medical advice if recovery not rapid.

Ingestion

Drink water. If symptoms persist seek medical advice.

Skin contact

Wash skin thoroughly with soap and water. Remove contaminated clothing and rinse skin thoroughly with water. Get medical attention if irritation persists after washing.

Eye contact

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Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists after washing.

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

Inhalation

Possible mild irritation of breathing passage and possible mouth irritation.

Ingestion

Possible mild stomach upset and mild soreness of mouth.

Skin contact

Causes skin irritation.

Eye contact

Causes eye irritation.

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

Notes for the doctor

No data available

Specific treatments

No data available.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Use extinguisher suitable to cause of fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards

Product does not support combustion, minimal fire hazard. Minimal quantities of oxides of carbon may be produced.

5.3. Advice for firefighters

Protective actions during firefighting

Use protection suitable to cause of fire.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions

Avoid contact with skin and eyes.

6.2. Environmental precautions

Environmental precautions

Product is intended to be rinsed away to sewer after use. For bigger spillages non-household spillages prevent entry into sewer or drains.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up

Absorb household spillages with e.g kitchen roll and dispose of in bin. Wipe affected area clean with a damp cloth.

6.4. Reference to other sections

Reference to other sections

None

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions

Use as instructed on label. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions

Store in ambient conditions. Keep out of the reach of children.

7.3. Specific end use(s)

Specific end use(s)

Urinal Cleaner Tablets

Cleaning toilet bowls and removing limescale.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Sodium Carbonate

Long-term exposure limit (8-hour TWA): 10 mg/m³

8.2. Exposure controls

Environmental exposure controls

This product does not pose a hazard in normal use when following the usage instructions. Take care to avoid contact with skin and eyes.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Solid

Odour

Characteristic

pH

Aqueous solutions are acidic.

Initial boiling point and range

No information available.

Flash point

Not applicable.

Flammability (solid, gas)

Not flammable

Vapour pressure

Not applicable.

Vapour density

Not applicable.

Relative density

Not determined.

Solubility(ies)

Soluble in water

Partition coefficient

n-octanol/water Not determined.

Auto-ignition temperature

Not determined.

Decomposition Temperature

Not determined.

Viscosity

Not applicable.

9.2. Other information

Other information

None.

SECTION 10: Stability and reactivity

10.1. Reactivity

No reactivity hazards expected.

10.2. Chemical stability

Stability

Stable under normal conditions.

10.3. Possibility of hazardous reactions

None under normal conditions.

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10.4. Conditions to avoid

None known.

10.5. Incompatible materials

Materials to avoid

None known.

10.6. Hazardous decomposition products

Carbon oxides.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects

This mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

Toxicological information on ingredients.

sulphamic acid

Acute toxicity - oral

Acute toxicity oral (LD mg/kg)

3,160.0

Species

Rat

ATE oral (mg/kg)

3,160.0

SECTION 12: Ecological Information

12.1. Toxicity

The mixture has not been tested. Based on the available data of the ingredients the classification criteria are not met.

12.2. Persistence and degradability

Persistence and degradability

Does not contain any components considered to be persistent. Contains detergents that satisfy the biodegradation requirements of directive 648/2004/EC.

12.3. Bioaccumulative potential

Partition coefficient

n-octanol/water Not determined.

12.4. Mobility in soil

Mobility

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

Dispose of according to local regulations. Avoid disposing into drainage systems and into the environment. Dispose of contaminated packaging in the same way as the product itself. Non-contaminated packages may be recycled.

SECTION 14: Transport information

General Not regulated.

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

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14.3. Transport hazard class(es)

Not regulated.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

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

EU legislation

This safety data sheet is compliant with EC Regulation 1907/2006 (REACH) as adapted by 453/2010, Directive 67/548/EEC and EC Regulation 1272/2008 (CLP). Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No. 648/2004 of the European Parliament and of the Council of 31st March 2004 on detergents.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Issued by	Smarti™ Environmental Products Limited
Revision date	10/02/2016
Revision	1
SDS number	4996
Hazard statements in full	H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H412 Harmful to aquatic life with long lasting effects.