



# Phosphate Free Tabz

## Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Date of issue: 6/17/2019

Revision date: 6/17/2019

Version: 1.0

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

#### 1.1. Product identifier

Product form : Mixture  
Product name : Phosphate Free Tabz

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

##### 1.2.1. Relevant identified uses

Main use category : Industrial use  
Use of the substance/mixture : Cleaner

##### 1.2.2. Uses advised against

No additional information available

#### 1.3. Details of the supplier of the safety data sheet

##### Manufacturer

Urnex Brands, LLC  
700 Executive Blvd.  
10523 Elmsford, NY - USA  
T +1-914-963-2042  
F +1-914-963-2145  
[info@urnex.com](mailto:info@urnex.com)

##### Distributor

Urnex Brands, LLC  
29 Harley Street, London, W1G 9QR  
United Kingdom  
Tel: +44 (0)20 7927 6881

#### 1.4. Emergency telephone number

Emergency number : International (Infotrac): +1 (352) 323-3500; GERMANY: (49) 0800-181-2924

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Regulation (EC) No. 1272/2008 [CLP]

Eye Irrit. 2 H319

Full text of hazard classes and H-statements : see section 16

##### Adverse physicochemical, human health and environmental effects

May cause drowsiness or dizziness.

#### 2.2. Label elements

##### Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Hazard pictograms (CLP) :



GHS07

Signal word (CLP) : Warning  
Hazard statements (CLP) : H319 - Causes serious eye irritation.  
Precautionary statements (CLP) : P280 - Wear protective gloves, eye protection.  
P337+P313 - If eye irritation persists: Get medical advice/attention.  
Unknown acute toxicity (CLP) - SDS : 44.54% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)  
68.54% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
99.49% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist))  
Unknown hazards to the aquatic environment (CLP) : Contains 56.99 % of components with unknown hazards to the aquatic environment

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

Not applicable

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### 3.2. Mixtures

| Name                                                  | Product identifier                                                      | %       | Classification according to Regulation (EC) No. 1272/2008 [CLP]    |
|-------------------------------------------------------|-------------------------------------------------------------------------|---------|--------------------------------------------------------------------|
| Disodium carbonate                                    | (CAS-No.) 497-19-8<br>(EC-No.) 207-838-8<br>(EC Index-No.) 011-005-00-2 | 10 - 30 | Eye Irrit. 2, H319                                                 |
| Sodium percarbonate                                   | (CAS-No.) 15630-89-4<br>(EC-No.) 239-707-6                              | 10 - 30 | Ox. Sol. 2, H272<br>Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318  |
| DL-Tartaric acid                                      | (CAS-No.) 133-37-9<br>(EC-No.) 205-105-7                                | 7 - 13  | Eye Dam. 1, H318                                                   |
| Sulfuric acid, mono-C12-18-alkyl esters, sodium salts | (CAS-No.) 68955-19-1<br>(EC-No.) 273-257-1                              | 1 - 5   | Skin Irrit. 2, H315<br>Eye Dam. 1, H318<br>Aquatic Chronic 3, H412 |
| Alcohols, C9-11, ethoxylated                          | (CAS-No.) 68439-46-3<br>(EC-No.) 500-446-0;614-482-0                    | 0.1 - 1 | Acute Tox. 4 (Oral), H302<br>Eye Dam. 1, H318                      |

#### Specific concentration limits:

| Name                                                  | Product identifier                         | Specific concentration limits                                        |
|-------------------------------------------------------|--------------------------------------------|----------------------------------------------------------------------|
| Sodium percarbonate                                   | (CAS-No.) 15630-89-4<br>(EC-No.) 239-707-6 | ( 7.5 ≤C < 25) Eye Irrit. 2, H319<br>( 25 <C ≤ 100) Eye Dam. 1, H318 |
| Sulfuric acid, mono-C12-18-alkyl esters, sodium salts | (CAS-No.) 68955-19-1<br>(EC-No.) 273-257-1 | ( 10 ≤C < 20) Eye Irrit. 2, H319<br>( 20 ≤C < 100) Eye Dam. 1, H318  |

Full text of H-statements: see section 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

- First-aid measures after inhalation : If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
- First-aid measures after skin contact : If skin irritation occurs: Get medical advice/attention. If skin irritation occurs: Wash skin with plenty of water. Obtain medical attention if irritation persists.
- First-aid measures after eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
- First-aid measures after ingestion : Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

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

- Symptoms/effects after inhalation : May cause irritation to the respiratory tract.
- Symptoms/effects after skin contact : May cause skin irritation. Symptoms may include redness, drying, defatting and cracking of the skin.
- Symptoms/effects after eye contact : Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.
- Symptoms/effects after ingestion : May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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

Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

- Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.
- Unsuitable extinguishing media : Do not use water jet.

### 5.2. Special hazards arising from the substance or mixture

- Fire hazard : Products of combustion may include, and are not limited to: oxides of carbon. Oxides of nitrogen.

### 5.3. Advice for firefighters

- Protection during firefighting : Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

- General measures : Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

#### 6.1.1. For non-emergency personnel

No additional information available

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### 6.1.2. For emergency responders

No additional information available

### 6.2. Environmental precautions

Prevent entry to sewers and public waters.

### 6.3. Methods and material for containment and cleaning up

- |                         |                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| For containment         | : Contain spill, then place in a suitable container. Minimize dust generation. Do not flush to sewer or allow to enter waterways. Use appropriate Personal Protective Equipment (PPE). |
| Methods for cleaning up | : Vacuum or sweep material and place in a disposal container. Avoid dust formation. Provide ventilation.                                                                               |

### 6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection".

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

- |                               |                                                                                                                                                                                                                                                                                                                           |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Precautions for safe handling | : Avoid contact with skin and eyes. Avoid generating and breathing dust. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Good housekeeping is important to prevent accumulation of dust. The use of compressed air for cleaning clothing, equipment, etc, is not recommended. |
| Hygiene measures              | : Wash contaminated clothing before reuse. Always wash hands after handling the product.                                                                                                                                                                                                                                  |

### 7.2. Conditions for safe storage, including any incompatibilities

- |                    |                                                                                                |
|--------------------|------------------------------------------------------------------------------------------------|
| Storage conditions | : Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool area. |
|--------------------|------------------------------------------------------------------------------------------------|

### 7.3. Specific end use(s)

Not available.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

No additional information available

### 8.2. Exposure controls

#### Appropriate engineering controls:

Ensure good ventilation of the work station.

#### Hand protection:

Chemical resistant gloves (according to European standard NF EN 374 or equivalent).

#### Eye protection:

Safety eyewear complying with an approved standard such as the European Standard EN166 should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

#### Skin and body protection:

Wear suitable protective clothing

#### Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

#### Environmental exposure controls:

Avoid release to the environment.

#### Other information:

Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

- |                                            |                       |
|--------------------------------------------|-----------------------|
| Physical state                             | : Solid               |
| Appearance                                 | : Granules / Powder   |
| Colour                                     | : Blue                |
| Odour                                      | : None                |
| Odour threshold                            | : No data available   |
| pH                                         | : 10.3 (10% solution) |
| Relative evaporation rate (butylacetate=1) | : Not applicable      |

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|                                       |                     |
|---------------------------------------|---------------------|
| Melting point                         | : No data available |
| Freezing point                        | : Not applicable    |
| Boiling point                         | : Not applicable    |
| Flash point                           | : Not applicable    |
| Auto-ignition temperature             | : Not applicable    |
| Decomposition temperature             | : No data available |
| Flammability (solid, gas)             | : Not flammable     |
| Vapour pressure                       | : No data available |
| Relative vapour density at 20 °C      | : No data available |
| Relative density                      | : 0.887             |
| Solubility                            | : No data available |
| Partition coefficient n-octanol/water | : No data available |
| Viscosity, kinematic                  | : Not applicable    |
| Viscosity, dynamic                    | : No data available |
| Explosive properties                  | : No data available |
| Oxidising properties                  | : No data available |
| Explosive limits                      | : Not applicable    |

### 9.2. Other information

No additional information available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No dangerous reactions known under normal conditions of use.

### 10.2. Chemical stability

Stable under normal conditions.

### 10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

### 10.4. Conditions to avoid

Heat. Incompatible materials.

### 10.5. Incompatible materials

Strong acids.

### 10.6. Hazardous decomposition products

May include, and are not limited to: oxides of carbon. Oxides of nitrogen.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

|                             |                   |
|-----------------------------|-------------------|
| Acute toxicity (oral)       | : Not classified. |
| Acute toxicity (dermal)     | : Not classified. |
| Acute toxicity (inhalation) | : Not classified. |

| Disodium carbonate (497-19-8)                                      |               |
|--------------------------------------------------------------------|---------------|
| LD50 oral rat                                                      | 4090 mg/kg    |
| Sodium percarbonate (15630-89-4)                                   |               |
| LD50 oral rat                                                      | 1034 mg/kg    |
| LD50 dermal rabbit                                                 | > 2000 mg/kg  |
| Sulfuric acid, mono-C12-18-alkyl esters, sodium salts (68955-19-1) |               |
| LD50 oral rat                                                      | > 2000 mg/kg  |
| LD50 dermal rabbit                                                 | > 10000 mg/kg |
| Alcohols, C9-11, ethoxylated (68439-46-3)                          |               |
| LD50 oral rat                                                      | 1400 mg/kg    |

|                                    |                                                                                                                                                                                                                                                                                |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unknown acute toxicity (CLP) - SDS | : 44.54% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)<br>68.54% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)<br>99.49% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Dust/Mist)) |
| Skin corrosion/irritation          | : Not classified.<br>pH: 10.3 (10% solution)                                                                                                                                                                                                                                   |
| Additional information             | : Based on available data, the classification criteria are not met.                                                                                                                                                                                                            |

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|                                   |                                                                     |
|-----------------------------------|---------------------------------------------------------------------|
| Serious eye damage/irritation     | : Causes serious eye irritation.<br>pH: 10.3 (10% solution)         |
| Respiratory or skin sensitisation | : Not classified.                                                   |
| Additional information            | : Based on available data, the classification criteria are not met. |
| Germ cell mutagenicity            | : Not classified.                                                   |
| Additional information            | : Based on available data, the classification criteria are not met. |
| Carcinogenicity                   | : Not classified.                                                   |
| Additional information            | : Based on available data, the classification criteria are not met. |
| Reproductive toxicity             | : Not classified.                                                   |
| Additional information            | : Based on available data, the classification criteria are not met. |
| STOT-single exposure              | : Not classified.                                                   |
| Additional information            | : Based on available data, the classification criteria are not met. |
| STOT-repeated exposure            | : Not classified.                                                   |
| Additional information            | : Based on available data, the classification criteria are not met. |
| Aspiration hazard                 | : Not classified.                                                   |
| Additional information            | : Based on available data, the classification criteria are not met. |
| Other information                 | : Likely routes of exposure: ingestion, inhalation, skin and eye.   |

## SECTION 12: Ecological information

### 12.1. Toxicity

|                                                  |                                                                                  |
|--------------------------------------------------|----------------------------------------------------------------------------------|
| Ecology - general                                | : May cause long-term adverse effects in the aquatic environment.                |
| Unknown hazards to the aquatic environment (CLP) | : Contains 56.99 % of components with unknown hazards to the aquatic environment |
| Acute aquatic toxicity                           | : Not classified.                                                                |
| Chronic aquatic toxicity                         | : Not classified.                                                                |

#### Disodium carbonate (497-19-8)

|                |                                                                               |
|----------------|-------------------------------------------------------------------------------|
| LC50 fish 1    | 300 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])        |
| LC50 fish 2    | 310 - 1220 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
| EC50 Daphnia 1 | 265 mg/l (Exposure time: 48 h - Species: Daphnia magna)                       |

#### Sodium percarbonate (15630-89-4)

|                |                                                                         |
|----------------|-------------------------------------------------------------------------|
| LC50 fish 1    | 70.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static]) |
| EC50 Daphnia 1 | 4.9 mg/l (Exposure time: 48 h - Species: Daphnia pulex)                 |

#### Sulfuric acid, mono-C12-18-alkyl esters, sodium salts (68955-19-1)

|                    |                                            |
|--------------------|--------------------------------------------|
| EC50 96h algae (1) | 42 mg/l (Species: Desmodesmus subspicatus) |
|--------------------|--------------------------------------------|

### 12.2. Persistence and degradability

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|                               |                  |
|-------------------------------|------------------|
| Persistence and degradability | Not established. |
|-------------------------------|------------------|

### 12.3. Bioaccumulative potential

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|                           |                  |
|---------------------------|------------------|
| Bioaccumulative potential | Not established. |
|---------------------------|------------------|

#### Disodium carbonate (497-19-8)

|            |                      |
|------------|----------------------|
| BCF fish 1 | (no bioaccumulation) |
|------------|----------------------|

#### Sodium percarbonate (15630-89-4)

|            |                      |
|------------|----------------------|
| BCF fish 1 | (no bioaccumulation) |
|------------|----------------------|

### 12.4. Mobility in soil

No additional information available

### 12.5. Results of PBT and vPvB assessment

No additional information available

### 12.6. Other adverse effects

|                        |                          |
|------------------------|--------------------------|
| Additional information | : No other effects known |
|------------------------|--------------------------|

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|                                            |                                                                           |
|--------------------------------------------|---------------------------------------------------------------------------|
| Product/Packaging disposal recommendations | : Dispose in a safe manner in accordance with local/national regulations. |
|--------------------------------------------|---------------------------------------------------------------------------|

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### SECTION 14: Transport information

In accordance with ADR

#### 14.1. UN number

UN-No. (ADR) : Not regulated

#### 14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not regulated

#### 14.3. Transport hazard class(es)

ADR

Transport hazard class(es) (ADR) : Not regulated

#### 14.4. Packing group

Packing group (ADR) : Not regulated

#### 14.5. Environmental hazards

Dangerous for the environment : No

Other information : No supplementary information available.

#### 14.6. Special precautions for user

Special transport precautions : Do not handle until all safety precautions have been read and understood.

##### - Overland transport

Not regulated

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

IBC code : Not applicable.

### SECTION 15: Regulatory information

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

##### 15.1.1. EU-Regulations

Contains no REACH substances with Annex XVII restrictions

Contains no REACH candidate substance.

Contains no REACH Annex XIV substances

Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

Contains no REACH Annex XIV substances

##### 15.1.2. National regulations

No additional information available

#### 15.2. Chemical safety assessment

No chemical safety assessment has been carried out

### SECTION 16: Other information

Indication of changes:

None.

Abbreviations and acronyms:

°C – Degrees Celsius  
°F – Degrees Fahrenheit  
ADR – European Agreement concerning the International Carriage of Dangerous Goods by Road.  
ACGIH – American Conference of Governmental Industrial Hygienists  
ATE – Acute Toxicity Estimate  
BCF – Bioconcentration Factor  
BEI – Biological Exposure Index  
CAS – Chemical Abstracts Service  
CLP – Regulation (EC) No 1272/2008 on the Classification, Labeling and Packaging of substances and mixtures.  
cP – centipoise (unit of dynamic viscosity)  
cSt – centistokes (unit of kinematic viscosity)  
DNEL – Derived No-effect Level  
EC50 – Half maximal effective concentration  
ECHA – European Chemicals Agency  
EC-No. – European Community number  
EU – European Union  
GHS – Globally Harmonized System of Classification and Labelling of Chemicals

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h – Hours  
IATA – International Air Transport Association  
IDLH – Immediately Dangerous to Life or Health  
IMDG – International Maritime Dangerous Goods  
IOELV – Indicative Occupational Exposure Limit Value  
kPa – kilopascal  
Kow – Octanol-Water Partition Coefficient  
LC50 – Median Lethal Concentration  
LD50 – Median Lethal Dose  
mg/l – Milligram per liter  
mg/kg – Milligram per kilogram  
mg/m<sup>3</sup> – Milligram per cubic meter  
Min – Minutes  
NIOSH – National Institute for Occupational Safety and Health  
NOEC – No Observed Effect Concentration  
N.O.S. – Not Otherwise Specified  
OEL – Occupational Exposure Limit  
PBT - Persistent, Bioaccumulative and Toxic  
ppm – Parts per million  
PVC – Polyvinyl chloride  
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006  
RID – European Agreement concerning the International Carriage of Dangerous Goods by Rail  
SDS – Safety Data Sheet  
STEL – Short Term Exposure Limit  
TLV – Threshold Limit Value  
TWA – Time Weighted Average  
UN – United Nations  
vPvB - Very Persistent and Very Bioaccumulative

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Other information : None.

Full text of H- and EUH-statements:

|                     |                                                                   |
|---------------------|-------------------------------------------------------------------|
| Acute Tox. 4 (Oral) | Acute toxicity (oral), Category 4                                 |
| Aquatic Chronic 3   | Hazardous to the aquatic environment — Chronic Hazard, Category 3 |
| Eye Dam. 1          | Serious eye damage/eye irritation, Category 1                     |
| Eye Irrit. 2        | Serious eye damage/eye irritation, Category 2                     |
| Ox. Sol. 2          | Oxidising Solids, Category 2                                      |
| Skin Irrit. 2       | Skin corrosion/irritation, Category 2                             |
| H272                | May intensify fire; oxidiser.                                     |
| H302                | Harmful if swallowed.                                             |
| H315                | Causes skin irritation.                                           |
| H318                | Causes serious eye damage.                                        |
| H319                | Causes serious eye irritation.                                    |
| H412                | Harmful to aquatic life with long lasting effects.                |

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

|              |      |                     |
|--------------|------|---------------------|
| Eye Irrit. 2 | H319 | Bridging principles |
|--------------|------|---------------------|

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