

## 1 Identification

### Product identifier

#### Trade names:

Tide + OXI Washing Machine Cleaner Tablets  
Tide + OXI Washing Machine Cleaner Tablets + Unstopables Fresh

#### Application of the substance / the mixture

Consumer use.  
Laundry Care

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

#### Manufacturer/Supplier:

Nehemiah Manufacturing Company, LLC  
1907 South Street  
Cincinnati OH, 45204  
Business Phone: +1 (844) 333-6677

**Information department:** responsibility@nehemiahmfg.com

**Emergency telephone number:** US, Canada, & PR: 1-800-255-3924, Contract Number: MIS3420087

#### Information for domestic suppliers

This SDS is designed for workplace employees, emergency personnel and for other conditions and situations where there is greater potential for large-scale or prolonged exposure, in accordance with the requirements of workplace occupational health and safety regulations.

This SDS is not applicable for consumer use of our products. For consumer use, all precautionary and first aid language is provided on the product label in accordance with the applicable government regulations.

For more information visit [nehemiahmfg.com/transparency](http://nehemiahmfg.com/transparency).

## 2 Hazard(s) identification

### Classification of the substance or mixture



GHS08 Health hazard

Sensitization - Respiratory 1

H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.



GHS05 Corrosion

Eye Damage 1

H318 Causes serious eye damage.



GHS07

Acute Toxicity - Oral 4

H302 Harmful if swallowed.

Specific Target Organ Toxicity - Single Exposure 3 H335 May cause respiratory irritation.

### Label elements

**GHS label elements** The product is classified and labeled according to the Globally Harmonized System (GHS).

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**Hazard pictograms**

GHS05

GHS07

GHS08

**Signal word** Danger**Hazard statements**

Harmful if swallowed.

Causes serious eye damage.

May cause allergy or asthma symptoms or breathing difficulties if inhaled.

May cause respiratory irritation.

**Precautionary statements**

Keep out of reach of children.

Avoid breathing dust/fume/gas/mist/vapors/spray

Wash hands thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.

Wear eye protection / face protection.

[In case of inadequate ventilation] wear respiratory protection.

If swallowed: Call a poison center/doctor if you feel unwell.

Rinse mouth.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Immediately call a poison center/doctor.

If experiencing respiratory symptoms: Call a poison center/doctor.

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

**Other hazards****Results of PBT and vPvB assessment****PBT:** Not applicable**vPvB:** Not applicable**3 Composition/information on ingredients****Chemical characterization: Mixtures****Description:** Mixture of the substances listed below with nonhazardous additions.**Hazardous components:**

|            |                                |        |
|------------|--------------------------------|--------|
| 77-92-9    | Citric acid                    | 10-30% |
| 497-19-8   | Sodium carbonate               | 10-30% |
| 15630-89-4 | Sodium carbonate peroxide      | 10-30% |
| 68439-57-6 | Sodium C14-16 Olefin Sulfonate | 1-5%   |
| 9014-01-1  | Protease enzyme                | .1-1%  |

**Additional information:**

The exact percentage concentration of composition has been withheld as a trade secret or is disclosed as a range due to batch variation.

**4 First-aid measures****Description of first aid measures****After inhalation:** Supply fresh air; consult doctor in case of complaints.**After skin contact:** Generally the product does not irritate the skin. Wash skin with plenty of soap and water.

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**After eye contact:**

Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

Rinse opened eye for several minutes under running water. Then consult a doctor.

**After swallowing:**

Wash out mouth with water. If affected person is conscious, give plenty of water to drink. Do NOT induce vomiting.

Immediately call a doctor.

**Information for doctor:****Most important symptoms and effects, both acute and delayed**

May cause allergy or asthma symptoms or breathing difficulties if inhaled. Causes serious eye damage. Harmful if swallowed. May cause respiratory irritation.

**Indication of any immediate medical attention and special treatment needed** No further relevant information available.

## 5 Fire-fighting measures

**Extinguishing media****Suitable extinguishing agents:**

CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**Special hazards arising from the substance or mixture** No further relevant information available.

**Advice for firefighters****Protective equipment:**

Normal firefighting procedures should be followed to avoid inhalation of smoke and gases produced by fire.

Fire-fighters should wear appropriate protective equipment and a self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## 6 Accidental release measures

**Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

**Environmental precautions:** No special measures required.

**Methods and material for containment and cleaning up:**

Collect using methods that avoid the generation of dust. Pick up large pieces and vacuum dust. Place in appropriate container for disposal.

**Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## 7 Handling and storage

**Handling:****Precautions for safe handling**

Prevent formation of dust.

Avoid contact with eyes. Wash hands thoroughly after handling.

**Information about protection against explosions and fires:** No special measures required.

**Conditions for safe storage, including any incompatibilities****Storage:****Requirements to be met by storerooms and receptacles:**

Keep in a cool, dry area away from direct sunlight and high humidity. Store locked up.

Keep packaging tightly sealed until ready for use.

**Information about storage in one common storage facility:**

Keep away from strong oxidizing agents, acids, amines, ammonia, and alcohols. Protect containers from physical damage.

**Further information about storage conditions:**

Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources.

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**Specific end use(s)** No further relevant information available.

## 8 Exposure controls/personal protection

### Additional information about design of technical systems:

Technical measures and the application of adequate working methods take priority over the use of personal protection equipment. Use process enclosures, local exhaust ventilation, or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

### Control parameters:

#### Components with limit values that require monitoring at the workplace:

The following constituent is the only constituent of the product which has a PEL, TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

#### 9014-01-1 Protease enzyme

|     |                                                                                          |
|-----|------------------------------------------------------------------------------------------|
| REL | Short-term value: 0.00006* mg/m <sup>3</sup><br>*60-min                                  |
| TLV | Ceiling limit value: 0.00006 mg/m <sup>3</sup><br>as 100% crystalline active pure enzyme |

**Additional information:** The lists that were valid during the creation were used as basis.

### Exposure controls

#### Personal protective equipment:

##### General protective and hygienic measures:

Keep away from foodstuffs, beverages and feed.  
Immediately remove all soiled and contaminated clothing.  
Wash hands before breaks and at the end of work.

##### Breathing equipment:

Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process.

##### Protection of hands:

Wear protective gloves.



Protective gloves

##### Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

##### Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

##### Eye protection:

Safety glasses or goggles complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts.



Tightly sealed goggles

## 9 Physical and chemical properties

### Information on basic physical and chemical properties

#### General Information

##### Appearance:

**Form:** Solid Tablet

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|                                                 |                                               |
|-------------------------------------------------|-----------------------------------------------|
| <b>Color:</b>                                   | White                                         |
| <b>Odor:</b>                                    | Characteristic                                |
| <b>Odor threshold:</b>                          | Not determined                                |
| <b>pH-value at 20 °C (68 °F):</b>               | 4-8                                           |
| <b>Change in condition</b>                      |                                               |
| <b>Melting point/Melting range:</b>             | Not applicable                                |
| <b>Boiling point/Boiling range:</b>             | 100 °C (212 °F)                               |
| <b>Flash point:</b>                             | Not applicable                                |
| <b>Flammability:</b>                            | Not applicable                                |
| <b>Decomposition temperature:</b>               | Not determined                                |
| <b>Ignition temperature:</b>                    | Product is not self-igniting.                 |
| <b>Danger of explosion:</b>                     | Product does not present an explosion hazard. |
| <b>Explosion limits:</b>                        |                                               |
| <b>Lower:</b>                                   | Not determined                                |
| <b>Upper:</b>                                   | Not determined                                |
| <b>Vapor pressure:</b>                          | Not determined                                |
| <b>Density:</b>                                 | Not determined                                |
| <b>Vapor density</b>                            | Not determined                                |
| <b>Evaporation rate</b>                         | Not determined                                |
| <b>Solubility in / Miscibility with</b>         |                                               |
| <b>Water:</b>                                   | >99%                                          |
| <b>Partition coefficient (n-octanol/water):</b> | Not determined                                |
| <b>Viscosity:</b>                               |                                               |
| <b>Dynamic:</b>                                 | Not determined                                |
| <b>Kinematic:</b>                               | Not determined                                |
| <b>Other information</b>                        | No further relevant information available.    |

## 10 Stability and reactivity

**Reactivity** Stable under normal conditions.

**Possibility of hazardous reactions** Under normal conditions of storage and use, hazardous reactions will not occur.

**Conditions to avoid** Avoid contact with incompatible materials.

**Incompatible materials:** Strong oxidizing materials, reducing agents, bases, metal nitrates.

**Hazardous decomposition products:**

Under normal conditions of storage and use, hazardous decomposition products should not occur.

## 11 Toxicological information

### Information on toxicological effects

**Acute toxicity:** Based on available data, components are not acutely toxic.

#### LD/LC50 values that are relevant for classification:

##### 77-92-9 Citric acid

|        |      |                       |
|--------|------|-----------------------|
| Oral   | LD50 | 5,400 mg/kg (mouse)   |
| Dermal | LD50 | >2,000 mg/kg bw (rat) |

##### 497-19-8 Sodium carbonate

|        |      |                         |
|--------|------|-------------------------|
| Oral   | LD50 | 2,800 mg/kg (rat)       |
| Dermal | LD50 | 2,000 mg/kg bw (rabbit) |

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|                                                  |          |                                        |
|--------------------------------------------------|----------|----------------------------------------|
| <b>15630-89-4 Sodium carbonate peroxide</b>      |          |                                        |
| Oral                                             | LD50     | 1.034 mg/kg bw (rat)                   |
| Dermal                                           | LD50     | >2,000 mg/kg bw (rabbit)               |
| Inhalative                                       | LC50/4 h | >0.17 mg/L (max attainable conc) (rat) |
| <b>68439-57-6 Sodium C14-16 Olefin Sulfonate</b> |          |                                        |
| Oral                                             | LD50     | 2.079 mg/kg (rat)                      |
| Dermal                                           | LD50     | >6,000 mg/kg bw (rabbit)               |
| Inhalative                                       | LC50/4 h | >52 mg/L (rat)                         |
| <b>9014-01-1 Protease enzyme</b>                 |          |                                        |
| Oral                                             | LD50     | 1.728 mg/kg (rat)                      |

**Primary irritant effect:****on the skin:** Based on available data, the classification criteria are not met.**on the eye:** Strong irritant with the danger of severe eye injury.**Sensitization:** Sensitization possible through inhalation.**Additional toxicological information:**

The product shows the following dangers according to internally approved calculation methods for preparations:  
Harmful

**Carcinogenic categories**

|                                                                  |
|------------------------------------------------------------------|
| <b>IARC (International Agency for Research on Cancer)</b>        |
| None of the ingredients are listed.                              |
| <b>NTP (National Toxicology Program)</b>                         |
| None of the ingredients are listed.                              |
| <b>OSHA-Ca (Occupational Safety &amp; Health Administration)</b> |
| None of the ingredients are listed.                              |

**CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)****Germ cell mutagenicity** Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**Specific target organ toxicity - single exposure** May cause respiratory irritation.**Specific target organ toxicity - repeated exposure** Based on available data, the classification criteria are not met.**Aspiration hazard** Based on available data, the classification criteria are not met.**12 Ecological information****Toxicity****Aquatic toxicity:** No further relevant information available.**Persistence and degradability** No further relevant information available.**Behavior in environmental systems:****Bioaccumulative potential** No further relevant information available.**Mobility in soil** No further relevant information available.**Additional ecological information:****General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

Must not reach bodies of water or drainage ditch undiluted or unneutralized.

**Results of PBT and vPvB assessment****PBT:** Not applicable**vPvB:** Not applicable**Other adverse effects** No further relevant information available.

**13 Disposal considerations****Waste treatment methods****Recommendation:** Dispose of contents/container in accordance with local/regional/national/international regulations.**Uncleaned packaging:****Recommendation:** Disposal must be made according to official regulations.**Recommended cleansing agent:** Water, if necessary with cleansing agents.**14 Transport information****UN-Number****DOT, IMDG, IATA** not regulated**UN proper shipping name****DOT, IMDG, IATA** not regulated**Transport hazard class(es)****DOT, ADN, IMDG, IATA****Class** not regulated**Packing group****DOT, IMDG, IATA** not regulated**Environmental hazards:** not applicable**Special precautions for user** not applicable**Transport in bulk according to Annex II of****MARPOL73/78 and the IBC Code** not applicable**UN "Model Regulation":** not regulated**15 Regulatory information****Safety, health and environmental regulations/legislation specific for the substance or mixture**

Sara

**Section 355 (extremely hazardous substances):**

None of the ingredients are listed.

**Section 313 (Specific toxic chemical listings):**

Either ingredients are not listed or below threshold for disclosure.

**TSCA (Toxic Substances Control Act):**

All ingredients are listed or exempt.

**Hazardous Air Pollutants**

Either ingredients are not listed or below threshold for disclosure.

**16 Other information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

**Department issuing SDS:** Regulatory and Product Safety Department**Contact:** responsibility@nehemiahmfg.com**Date of preparation / last revision** 06/04/2026 / -**Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

EINECS: European Inventory of Existing Commercial Chemical Substances

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ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

OSHA: Occupational Safety &amp; Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Acute Toxicity - Oral 4: Acute toxicity – Category 4

Eye Damage 1: Serious eye damage/eye irritation – Category 1

Sensitization - Respiratory 1: Respiratory sensitisation – Category 1

Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3