

Safety Data Sheet

Effective date: 04.01.2016

Revision : 02

Trade Name: **BioDetex****1 Identification of the substance/mixture and of the supplier****1.1 Product identifier**Trade Name: **BioDetex**

Synonyms:

Product number: **BioDetex****1.2 Application of the substance / mixture** : Cleaning material/Detergent**1.3 Details of the supplier of the Safety Data Sheet****Manufacturer**

INFINITEX,
P.O. Box 383
Clarence, NY 14031
(716) 741-8381

Supplier

Not Applicable

Emergency telephone number:

(716) 741-8381

2 Hazards identification**2.1 Classification of the substance or mixture:****Hazard-determining components of labeling:**

Sodium tripolyphosphate

2.2 Label elements:

Eye irritation, category 2A.

Hazard pictograms:**Signal word:** Warning**Hazard statements:**

H319 Causes serious eye irritation.

Precautionary statements:

P264 Wash skin thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

P501 Dispose of contents and container as instructed in Section 13.

Additional information: None.**Hazard description****Hazards Not Otherwise Classified (HNOC):** None

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Trade Name: **BioDetex****3 Composition/information on ingredients****3.1 Chemical characterization :** None**3.2 Description :** None**3.3 Hazardous components (percentages by weight)**

Identification	Chemical Name	Classification	Wt. %
CAS number: 7758-29-4	Sodium tripolyphosphate	Skin Irrit. 2 ; H315 Eye Irrit. 2; H319	25-35%

3.4 Additional Information : None.**4 First aid measures****4.1 Description of first aid measures****General information:** None.**After inhalation:**

Maintain an unobstructed airway.

Loosen clothing as necessary and position individual in a comfortable position.

After skin contact:

Rinse affected area with soap and water.

If symptoms develop or persist, seek medical attention.

After eye contact:

Rinse/flush exposed eye(s) gently using water for 15-20 minutes.

Remove contact lens(es) if able to do so during rinsing.

Seek medical attention if irritation persists or if concerned.

After swallowing:

Rinse mouth thoroughly.

Seek medical attention if irritation, discomfort, or vomiting persists.

4.2 Most important symptoms and effects, both acute and delayed

None

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

No additional information.

5 Firefighting measures**5.1 Extinguishing media****Suitable extinguishing agents:**

Use appropriate fire suppression agents for adjacent combustible materials or sources of ignition.

For safety reasons unsuitable extinguishing agents : None**5.2 Special hazards arising from the substance or mixture :**

Thermal decomposition can lead to release of irritating gases and vapors.

5.3 Advice for firefighters**Protective equipment:**

Wear protective eye wear, gloves and clothing.

Refer to Section 8.

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Trade Name: **BioDetex****5.4 Additional information :**

Avoid inhaling gases, fumes, dust, mist, vapor and aerosols.
 Avoid contact with skin, eyes and clothing.

6 Accidental release measures**6.1 Personal precautions, protective equipment and emergency procedures :**

Ensure adequate ventilation.
 Ensure air handling systems are operational.

6.2 Environmental precautions :

Should not be released into the environment.
 Prevent from reaching drains, sewer or waterway.

6.3 Methods and material for containment and cleaning up :

Wear protective eye wear, gloves and clothing.

6.4 Reference to other sections : None**7 Handling and storage****7.1 Precautions for safe handling :**

Avoid breathing mist or vapor.
 Do not eat, drink, smoke or use personal products when handling chemical substances.

7.2 Conditions for safe storage, including any incompatibilities :

Store in a cool, well-ventilated area.

7.3 Specific end use(s):

No additional information.

8 Exposure controls/personal protection

8.1 Control parameters : No applicable occupational exposure limits.

8.2 Exposure controls**Appropriate engineering controls:**

Emergency eye wash fountains and safety showers should be available in the immediate vicinity of use or handling

Respiratory protection:

Not needed under normal conditions.

Protection of skin:

Select glove material impermeable and resistant to the substance.

Eye protection:

Safety goggles or glasses, or appropriate eye protection.

General hygienic measures:

Wash hands before breaks and at the end of work.
 Avoid contact with skin, eyes and clothing.

9 Physical and chemical properties

Appearance (physical state, color): White and cream colored flakes and brown specks – Powder

Odor: Detergent

pH-value: 9.5 (aqueous solution)

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Trade Name: **BioDetex****Relative density:** Not determined or not available.**Solubilities:** Not determined or not available.**Boiling point/Boiling range:** Not determined or not available.**Flash point (closed cup):** Not determined or not available.**Density at 20°C:** Not determined or not available.**10 Stability and reactivity**

- 10.1 Reactivity :** None
- 10.2 Chemical stability :** None
- 10.3 Possibility hazardous reactions :** None
- 10.4 Conditions to avoid :** None
- 10.5 Incompatible materials :** None
- 10.6 Hazardous decomposition products :** None

11 Toxicological information**11.1 Information on toxicological effects :****Acute Toxicity:**

Oral: : LD50 > 5000 mg/kg oral rat. - product

Chronic Toxicity: No additional information.**Skin corrosion/irritation:** No additional information.**Serious eye damage/irritation:** No additional information.**Respiratory or skin sensitization:** No additional information.**Carcinogenicity:** No additional information.**IARC (International Agency for Research on Cancer):** None of the ingredients are listed.**NTP (National Toxicology Program):** None of the ingredients are listed.**Germ cell mutagenicity:** No additional information.**Reproductive toxicity:** No additional information.**12 Ecological information****12.1 Toxicity:**

Sodium tripolyphosphate: Aquatic invertebrates, EC50 - Daphnia magna (Water flea) - > 100 mg/l - 48 h.

12.2 Persistence and degradability: No additional information.**12.3 Bioaccumulative potential:** No additional information.**12.4 Mobility in soil:** No additional information.**General notes:** No additional information.**12.5 Results of PBT and vPvB assessment:****PBT:** No additional information.**vPvB:** No additional information.**12.6 Other adverse effects:** No additional information.

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Trade Name: **BioDetex****13 Disposal considerations****13.1 Waste treatment methods (consult local, regional and national authorities for proper disposal)****Relevant Information:**

It is the responsibility of the waste generator to properly characterize all waste materials according to applicable regulatory entities. (US 40CFR262.11).

14 Transport information**14.1 UN Number:** ADR, ADN, DOT, IMDG, IATA None**14.2 UN Proper shipping name:** ADR, ADN, DOT, IMDG, IATA None**14.3 Transport hazard classes:** ADR, ADN, DOT, IMDG, IATA

Class: None

Label: None

LTD. QTY: None

US DOT**Limited Quantity Exception:** None**Bulk:****Non Bulk:****RQ (if applicable):** None**RQ (if applicable):** None**Proper shipping Name:** None**Proper shipping Name:** None**Hazard Class:** None**Hazard Class:** None**Packing Group:** None**Packing Group:** None**Marine Pollutant (if applicable):** No additional information.**Comments:** None**14.4 Packing group:** ADR, ADN, DOT, IMDG, IATA None**14.5 Environmental hazards :** None**14.6 Special precautions for user:** None**Danger code (Kemler):** None**EMS number:** None**Segregation groups:** None**14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.**14.8 Transport/Additional information:****Transport category:** None**Tunnel restriction code:** None**UN "Model Regulation":** None**15 Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture.****North American****SARA****Section 313 (specific toxic chemical listings):** None of the ingredients are listed.

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Section 302 (extremely hazardous substances): None of the ingredients are listed.

**CERCLA (Comprehensive Environmental Response, Clean up and Liability Act)
Reportable**

Spill Quantity: None of the ingredients are listed.

TSCA (Toxic Substances Control Act):

Inventory: All ingredients are listed.

Rules and Orders: Not applicable.

Proposition 65 (California):

Chemicals known to cause cancer: None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for females: None of the ingredients are listed.

Chemicals known to cause reproductive toxicity for males: None of the ingredients are listed.

Chemicals known to cause developmental toxicity: None of the ingredients are listed.

Canadian

Canadian Domestic Substances List (DSL):

All ingredients are listed.

EU

REACH Article 57 (SVHC): None of the ingredients are listed.

Germany MAK: Not classified.

Asia Pacific

Australia

Australian Inventory of Chemical Substances (AICS): All ingredients are listed.

China

Inventory of Existing Chemical Substances in China (IECSC): All ingredients are listed.

Japan

Inventory of Existing and New Chemical Substances (ENCS): All ingredients are listed.

Korea

Existing Chemicals List (ECL): All ingredients are listed.

New Zealand

New Zealand Inventory of Chemicals (NZOIC): All ingredients are listed.

Philippines

Philippine Inventory of Chemicals and Chemical Substances (PICCS): All ingredients are listed.

Taiwan

Taiwan Chemical Substance Inventory (TSCI): All ingredients are listed.

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Trade Name: **BioDetex****Summary of Phrases****Hazard statements:**

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P501 Dispose of contents and container as instructed in Section 13.

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