


 Sujata Nutri-Pharma	SUJATA NUTRI-PHARMA PVT. LTD. 875/2, GIDC Estate, Makarpura, Vadodara-390010
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MATERIAL SAFETY DATA SHEET		
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Document number : SNP/MSDS-91	Effective date :	02-05-2022

SECTION 1: Identification of the substance/mixture and of the company/undertaking
<p>1.1 Product identifiers Product name : tri-Calcium Phosphate CAS-No. : 7758-87-4</p> <p>1.2 Relevant identified uses of the substance or mixture and uses advised against Identified uses : Laboratory chemicals, Industrial & for professional use only.</p> <p>1.3 Details of the supplier of the safety data sheet Company : Sujata Nutri-Pharma Pvt. Ltd. 875/2 GIDC Estate Makarpura Vadodara 390010, Gujarat , India Telephone : 0265-3500351 Website : www.sujatanutripharma.com Email : info@sujatanutripharma.com</p> <p>1.4 Emergency telephone number Emergency telephone : 02652630282 (9:00 to 6:00) office hours only</p>
SECTION 2: Hazards identification
<p>2.1 Classification of the substance or mixture Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. This substance is not classified as dangerous according to Directive 67/548/EEC.</p> <p>2.2 Label elements The product does not need to be labelled in accordance with EC directives or respective national laws.</p> <p>2.3 Other hazards - none</p>
SECTION 3: Composition/information on ingredients
<p>3.1 Substances Synonyms : β-Tricalcium phosphate β-Calcium phosphate tribasic tri-Calcium (ortho)phosphate tert-Calcium phosphate Formula : Ca₃O₈P₂ Molecular Weight : 310,18 g/mol CAS-No. : 7758-87-4 EC-No. : 231-840-8 No components need to be disclosed according to the applicable regulations</p>
Section 4: First Aid Measures

	PREPARED BY	CHECKED BY	APPROVED BY
NAME	Khushbu Divasaliwala	Niyati Parmar	Hardik Shah
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4.1 Description of first aid measures

If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration.

In case of skin contact

Wash off with soap and plenty of water.

In case of eye contact

Flush eyes with water as a precaution.

If swallowed

Never give anything by mouth to an unconscious person. Rinse mouth with water.

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

no data available

SECTION 5: Fire fighting measures

5.1 Extinguishing media

Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Special hazards arising from the substance or mixture

Oxides of phosphorus, Calcium oxide

5.3 Advice for firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

5.4 Further information

no data available

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid dust formation. Avoid breathing vapours, mist or gas.

For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Sweep up and shovel. Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For disposal see section 13.

Section 7: Handling and Storage

7.1 Precautions for safe handling

Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store at ambient/room temperature away from sunlight in a tightly closed condition.

7.3 Specific end use(s)

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

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Section 8: Exposure Controls/Personal Protection

8.1 Control parameters

Components with workplace control parameters

8.2 Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment Eye/face protection

Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection

Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place., The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure

Do not let product enter drains.

Section 9: Physical and Chemical Properties




9.1 Information on basic physical and chemical properties

- a) Appearance Form: powder
Colour: white
- b) Odour no data available
- c) Odour Threshold no data available
- d) pH no data available
- e) Melting point/freezing > 450 °C
point
- f) Initial boiling point and no data available
boiling range
- g) Flash point no data available
- h) Evaporation rate no data available
- i) Flammability (solid, gas) no data available
- j) Upper/lower no data available
flammability or
explosive limits
- k) Vapour pressure no data available
- l) Vapour density no data available

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<p>m) Relative density no data available</p> <p>n) Water solubility 7,7 g/l at 20 °C at 6,9 - 7,3 hPa</p> <p>o) Partition coefficient: n- no data available octanol/water</p> <p>p) Auto-ignition no data available temperature</p> <p>q) Decomposition no data available temperature</p> <p>r) Viscosity no data available</p> <p>s) Explosive properties no data available</p> <p>t) Oxidizing properties no data available</p> <p>9.2 Other safety information no data available</p>
Section 10 : Stability and Reactivity Data
<p>10.1 Reactivity no data available</p> <p>10.2 Chemical stability Stable under recommended storage conditions.</p> <p>10.3 Possibility of hazardous reactions no data available</p> <p>10.4 Conditions to avoid no data available</p> <p>10.5 Incompatible materials Strong oxidizing agents</p> <p>10.6 Hazardous decomposition products Other decomposition products - no data available In the event of fire: see section 5</p>
Section 11 : Toxicological Information
<p>11.1 Information on toxicological effects</p> <p>Acute toxicity LD50 Oral - rat - female - > 2.000 mg/kg</p> <p>Skin corrosion/irritation no data available</p> <p>Serious eye damage/eye irritation Eyes - rabbit Result: No eye irritation (OECD Test Guideline 405)</p> <p>Respiratory or skin sensitisation no data available</p> <p>Germ cell mutagenicity no data available</p> <p>Carcinogenicity</p>

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<p>IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.</p> <p>Reproductive toxicity no data available</p> <p>Specific target organ toxicity - single exposure no data available</p> <p>Specific target organ toxicity - repeated exposure no data available</p> <p>Aspiration hazard no data available</p> <p>Additional Information RTECS: Not available</p> <p>To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.</p>
Section 12 : Ecological Information
<p>12.1 Toxicity no data available</p> <p>12.2 Persistence and degradability no data available</p> <p>12.3 Bioaccumulative potential no data available</p> <p>12.4 Mobility in soil no data available</p> <p>12.5 Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted</p> <p>12.6 Other adverse effects no data available</p>
Section 13 : Disposal Considerations
<p>13.1 Waste treatment methods Product Offer surplus and non-recyclable solutions to a licensed disposal company.</p> <p>Contaminated packaging Dispose of as unused product</p>
Section 14 : Transport Information
<p>14.1 UN number ADR/RID: - IMDG:- IATA:-</p> <p>14.2 UN proper shipping name ADR/RID: Not dangerous goods IMDG: Not dangerous goods</p>

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IATA: Not dangerous goods 14.3 Transport hazard class(es) ADR/RID: - IMDG:- IATA:- 14.4 Packaging group ADR/RID: - IMDG: - IATA:- 14.5 Environmental hazards ADR/RID: no IMDG MARINE POLLUTANT : NO IATA : NO 14.6 Special precautions for user no data available
Section 15: Other Regulatory Information
This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006. 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture no data available 15.2 Chemical Safety Assessment For this product a chemical safety assessment was not carried out
Section 16 : Other Information
Revision no: 00 Revision date: 02-05-2022 Other information: None. Further information The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Sujata Nutri-Pharma Pvt.Ltd. shall not be held liable for any damage resulting from handling or from contact with the above product.

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