

SAFETY DATA SHEET**2022****SODIUM HEXAMETAPHOSPHATE (CALGON PT POWDER) (CODE 2022) mshp100****1. Identification of the substance/preparation and of the company/undertaking**

Product name : SODIUM HEXAMETAPHOSPHATE Supplier Issue date 01/10/2012
 : CALGON PT

Chemical product name : SODIUM HEXAMETAPHOSPHATE
 Synonyms : SODIUM HEXAMETAPHOSPHATE
 EMERGENCY ONLY : (N.C.E.C. CULHAM) 01865 407333
 TELEPHONE NUMBER

Formula : $\text{Na}(\text{NaPO}_3)_n\text{NaO}$ ($n = 12$ approx.) Molecular Mass : 617.8

2. Composition/information on ingredients

Substance/Preparation : Substance

Chemical name*	CAS No.	%	EC Number	Symbol	R-Phrases
1) SODIUM HEXAMETAPHOSPHATE	68915-31-1	100	NO DATA	-	-

* Occupational Exposure Limit(s), if available, are listed in Section 8

Composition CONTAINS 66%w/w min OF TOTAL PHOSPHORUS AS P_2O_5 .
 FOOD GRADE PRODUCTS SATISFY THE REQUIREMENTS OF
 THE MISCELLANEOUS ADDITIVES IN FOOD REGULATIONS 1980
 CAS No. 68915-31-1
 EINECS Number NO DATA

3. Hazards identification

Human health hazards : Not classified as hazardous.

4. First-aid measures**First-Aid measures**

Inhalation : Remove from exposure. Keep warm and at rest. Seek medical attention if you feel unwell.
 Ingestion : Wash out mouth with water. Do not induce vomiting. Obtain medical attention.
 Skin contact : Wash skin with water. Remove contaminated clothing as washing proceeds.
 Eye Contact : Immediately flood the eye with plenty of water for at least 10 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

5. Fire-fighting measures**Extinguishing Media**

Suitable : Select extinguishing agent appropriate to other materials involved.
 Hazardous thermal (de)composition products : Reacts with acids generating: orthophosphates.
 Special fire-fighting procedures : Fire fighters should wear self-contained positive pressure breathing apparatus (SCBA) and full turnout gear.
 Protection of fire-fighters : Wear full protective clothing and self-contained breathing apparatus.

6. Accidental release measures

- Personal Precautions** : Wear appropriate protective clothing. Wear respiratory protection.
- Environmental precautions and cleanup methods** : Sweep up into suitable containers for recovery or disposal. Avoid creating a dust.
- : Advise Authorities if spillage has entered water course or sewer or has contaminated soil or vegetation.

7. Handling and storage

- Handling** : Use in well ventilated area. Avoid contact with eyes, skin and clothing. Avoid inhaling dust.
- Storage** : Storage area should be: cool, dry, under cover, well ventilated.
Protect food grade material from contamination.
The product is stored in multi-ply polyethylene paper sacks or polyethylene lined drums.
Avoid storing sacks in a large stack to prevent the product from caking.

Packaging materials

- Recommended use** : Use original container.

8. Exposure controls/personal protection

- Engineering measures** : Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
- Hygiene measures** : Wash hands after handling compounds and before eating, smoking, using lavatory, and at the end of day.
- Occupational Exposure Limits** : Not available.
- Personal protective equipment**
- Respiratory system** : Dust respirator if conditions are dusty.
- Skin and body** : Wear: dust-proof overall with hood. PVC or rubber boots.
- Hands** : PVC or rubber gloves.
- Eyes** : Chemical goggles.

9. Physical and chemical properties

- Physical state** : Solid. Granules.
- Colour** : Colourless.
- Odour** : Odourless.
- Melting point** : 600
- Density** : Not available.
- Solubility** : >50g/100g
- pH** : 7.2 (2.5g/l solution)
- Flash point** : Not available.

10. Stability and reactivity

- Stability** : The product is stable.
- Conditions to Avoid** : Exposure to water or moisture.
- Materials to avoid** : Acids. Alkalis.
- Hazardous decomposition products** : Reacts with acids generating: orthophosphates.

11. Toxicological information

Local effects

- Acute toxicity** : Low order of acute toxicity.

12. Ecological information

- Ecotoxicity** : Low concentrations will act as a plant nutrient and can cause "algal blooms" in rivers.

13. Disposal considerations

Methods of disposal ; Waste of residues ; Contaminated packaging : Dispose of in accordance with all applicable local and national regulations.

Waste Classification : Not applicable.

14. Transport information

International transport regulations

UN : UN number Non hazardous for transport.

15. Regulatory information

EU Regulations

- Risk Phrases** : This product is not classified according to the EU regulations.
- Product Use** : Classification and labelling have been performed according to EU directives 67/548/EEC, 88/379/EEC, including amendments and the intended use.
- Consumer applications.

16. Other information

REVISIONS : To be used only after a written agreement for a final release only

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Date of previous issue : No previous version

Version : 1

Notice to Reader

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