



PRAYPHOS DCPA 108 FG
PRAYPHOS DCPA 308 FG
PRAYPHOS DCPA 308 SP
PRAYPHOS DCPA 128 USP-EP
PRAYTAB 20
PRAYPHOS DCPA 100 Dental

Safety Data Sheet PINC-024

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 02/01/2012

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Version: 2.2

SECTION 1: Identification

1.1. Identification

Product form	: Substance
Trade name	: PRAYPHOS DCPA 108 FG PRAYPHOS DCPA 308 FG PRAYPHOS DCPA 308 SP PRAYPHOS DCPA 128 USP-EP PRAYTAB 20 PRAYPHOS DCPA 100 Dental
Chemical name	: Calcium hydrogen phosphate anhydrous
CAS-No.	: 7757-93-9
Product code	: PINC-024
Formula	: CaHPO_4
Synonyms	: Anhydrous dicalcium phosphate / Anhydrous dicalcium orthophosphate / Calcium phosphate, dibasic / E341
REACH registration No.	: 01-2119490064-41-0035

1.2. Recommended use and restrictions on use

Use of the substance/mixture	: Pharmaceutical industry Food/feedstuff additives Oral care
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1.3. Supplier

Supplier
PRAYON INC.
1610 Marvin Griffin Rd.
Augusta, 30906 - United States of America
customerserviceusa@prayon.com

Details of the supplier of the safety data sheet
Prayon S.A.
144 Rue Joseph Wauters
P.O. Box 144
Engis, 4480
www.prayon.be

1.4. Emergency telephone number

Emergency number	: In case of emergency: CHEMTREC +1 703-741-5970 / 1-800-424-9300. IN THE EVENT OF A CHEMICAL EMERGENCY, SPILL, LEAK, FIRE, EXPOSURE, OR ACCIDENT Call CHEMTREC: +1 703-741-5970 / 1-800-424-9300. Toll free in the continental U.S., Hawaii, Puerto Rico, Canada, Alaska, or U.S. Virgin Islands. For calls originating elsewhere dial 703-527-3887 (collect calls accepted). Nationwide Poison control center: 1-800-222-1222.
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SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS-US classification

Not classified

2.2. GHS Label elements, including precautionary statements

GHS-US labelling

Labelling not applicable

2.3. Other hazards which do not result in classification

No additional information available

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2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/information on ingredients

3.1. Substances

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CAS-No. : 7757-93-9

Name	Product identifier	%	GHS-US classification
Anhydrous dicalcium phosphate	(CAS-No.) 7757-93-9	> 97	Not classified

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

3.2. Mixtures

Not applicable

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Remove victim to fresh air. If persistent breathing troubles, immediately seek medical attention.

First-aid measures after skin contact : Remove contaminated clothing and shoes. Rinse immediately with clean water for 15 minutes.

First-aid measures after eye contact : In case of eye contact, immediately rinse with clean water for 10-15 minutes. If feeling unwell, immediately seek medical attention.

First-aid measures after ingestion : Immediately rinse mouth with water. Do not induce vomiting. If feeling unwell, immediately seek medical attention.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects : No specific effects and/or symptoms have been reported or are known.

4.3. Immediate medical attention and special treatment, if necessary

See Heading 4.1.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Water spray. Carbon dioxide (CO₂). Foam. Powders.

Unsuitable extinguishing media : None.

5.2. Specific hazards arising from the chemical

Fire hazard : Non flammable.

Reactivity : The product is stable at normal handling and storage conditions. On exposure to high temperature, may decompose, releasing corrosive gases.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting : Tight protective clothing required. Wear self-contained breathing apparatus, rubber boots and thick rubber gloves.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Dust and/or fine particles, minimize inhalation exposure. Personal protective equipment (see section (s) :8.2).

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6.1.1. For non-emergency personnel

No additional information available

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

Methods for cleaning up : On land, sweep or shovel into suitable containers. Avoid dust production. Rinse with plenty of water.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Do not breathe dust. Avoid contact with skin, eyes and clothing. Always wash your hands immediately after handling this product, and once again before leaving the workplace. Remove contaminated clothing and shoes. Wash clothing before re-using. Packagings, even those that have been emptied, will retain product residue. Always obey safety warnings and handle empty packagings as if they were full.

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

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed when not in use. Store in a dry, cool and well-ventilated place.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Anhydrous dicalcium phosphate (7757-93-9)		
ACGIH	ACGIH TWA (mg/m ³)	10 mg/m ³ (inhalable) - 3 mg/m ³ (respirable dust)
OSHA	OSHA PEL (TWA) (mg/m ³)	15 mg/m ³ (inhalable) - 5 mg/m ³ (respirable dust)

8.2. Appropriate engineering controls

Appropriate engineering controls : Provide adequate ventilation to minimize dust concentrations. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.

Environmental exposure controls : Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Wear chemical protective gloves.

Eye protection:

Wear safety glasses with side shields

Skin and body protection:

Protective clothing (with elasticated cuffs and closed neck)

Respiratory protection:

Use respiratory protection mask according to NIOSH/MSHA. Respiratory protection programs must comply with 29 CFR 1910.134

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Powder
Colour	: white
Odour	: odourless
Odour threshold	: No data available
pH	: 6.6
Melting point	: No data available
Freezing point	: No data available
Boiling point	: Not applicable
Flash point	: Not flammable
Relative evaporation rate (butylacetate=1)	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: Not applicable
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: Insoluble.
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: Not applicable
Explosive limits	: Not applicable
Explosive properties	: Product is not explosive.
Oxidising properties	: Non oxidizing material according to EC criteria.

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is stable at normal handling and storage conditions. On exposure to high temperature, may decompose, releasing corrosive gases.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

Moisture.

10.5. Incompatible materials

None.

10.6. Hazardous decomposition products

None known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified

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LD50 oral rat	3986 mg/kg bodyweight
LD50 dermal rabbit	> 2000 mg/kg bodyweight
LC50 inhalation rat (mg/l)	> 2.6 mg/l OECD 403

Skin corrosion/irritation	: Not classified pH: 6.6
Serious eye damage/irritation	: Not classified pH: 6.6
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified

Anhydrous dicalcium phosphate (7757-93-9)	
Additional information	NOAEL, oral, Dog: 322,88 mg/kg bw (90 days)
Aspiration hazard	: Not classified
Viscosity, kinematic	: No data available
Symptoms/effects	: No specific effects and/or symptoms have been reported or are known.

SECTION 12: Ecological information

12.1. Toxicity

Anhydrous dicalcium phosphate (7757-93-9)	
LC50 fish 1	> 1000 mg/l (96 Hours - Oncorhynchus mykiss (Rainbow trout) - OECD 203)
EC50 Daphnia 1	> 100 mg/l (48 Hours- OECD 402)
ErC50 (algae)	> 100 mg/l (Desmodesmus subspicatus, 72 Hours, OECD 201)

12.2. Persistence and degradability

Anhydrous dicalcium phosphate (7757-93-9)	
Persistence and degradability	Not applicable.

12.3. Bioaccumulative potential

Anhydrous dicalcium phosphate (7757-93-9)	
Log Pow	Not applicable
Log Kow	Not applicable
Bioaccumulative potential	Low bioaccumulation potential.

12.4. Mobility in soil

Anhydrous dicalcium phosphate (7757-93-9)	
Ecology - soil	No data available.

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12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

- Waste treatment methods : Comply with local regulations for disposal.
- Product/Packaging disposal recommendations : This material when discarded in pure form is not a hazardous waste as defined by 40 CFR 261, the Resource Conservation and Recovery Act (RCRA). Dry materials may be landfilled or recycled in accordance with local, state, and federal regulations. If materials have become contaminated with other substances, dispose of in accordance with local, state, and federal regulations.
- Additional information : Empty packaging can have residues or dusts and are subject to proper waste disposal, as above.

SECTION 14: Transport information

Department of Transportation (DOT)

In accordance with DOT

Not regulated

Transportation of Dangerous Goods

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

SECTION 15: Regulatory information

15.1. US Federal regulations

Anhydrous dicalcium phosphate (7757-93-9)

Listed on the United States TSCA (Toxic Substances Control Act) inventory

SARA Section 302 Threshold Planning
Quantity (TPQ)

Not applicable

15.2. International regulations

CANADA

Anhydrous dicalcium phosphate (7757-93-9)

Listed on the Canadian DSL (Domestic Substances List) inventory.

EU-Regulations

No additional information available

National regulations

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Ensure all national/local regulations are observed CERCLA reportable quantities : not applicable SARA Title III: Not applicable 29CFR1910.1000:Not listed

15.3. US State regulations

Component	State or local regulations
Anhydrous dicalcium phosphate(7757-93-9)	Not applicable

SECTION 16: Other information

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Revision date : 12/06/2018
Data sources : SDS.
Training advice : None.

Abbreviations and acronyms:

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ADN: European Agreement concerning international carriage of Dangerous goods by Inland waterways
 ADR: European Agreement concerning international carriage of Dangerous goods by Road
 AF : Assessment factor
 BCF : Bioconcentration factor
 Bw: Body weight
 CAS: Chemical Abstracts Service
 CLP : Classification, labelling, packaging
 CSR: Chemical Safety Report
 DMEL : Derived maximum effect level
 DNEL: Derivative No effect Level
 EC: European Community
 ELV : Emission limit values
 EN: European Norm
 EUH: European Hazard Statement
 EWC : European Waste catalogue
 IATA: International Air Transport Association
 ICAO: International Civil Aviation Organization
 IMDG: International Maritime Dangerous Goods
 LC50: Median lethal concentration
 LD50 : Median lethal dose
 NOAEL : No-observed-adverse-effect-level
 NOEC : No observed effect concentration
 NOEL : No observed effect level
 OEL : Operator exposure level
 PBT: Persistent, bioaccumulative, Toxic
 PEC : Predicted effect level
 PNEC: Predicted No effect Concentration
 REACH : Registration, evaluation and autorisation of chemicals
 RID: Regulations concerning the international carriage of dangerous goods by rail
 STEL: Short Term Exposure Limit
 TWA : Time weighted average
 vPvB: Very persistent, very bioaccumulative

NFPA health hazard

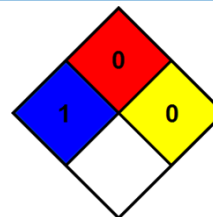
: 1 - Materials that, under emergency conditions, can cause significant irritation.

NFPA fire hazard

: 0 - Materials that will not burn under typical fire conditions, including intrinsically noncombustible materials such as concrete, stone, and sand.

NFPA reactivity

: 0 - Material that in themselves are normally stable, even under fire conditions.



SDS US (GHS HazCom 2012)

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