

**MATERIAL SAFETY DATA SHEET**

**1. PRODUCT AND COMPANY IDENTIFICATION**

CHEMICAL NAMES AND SYNONYMS :

**DI CALCIUM PHOSPHATE BP/EP/USP ANHYDROUS**

Dicalcium Orthophosphate, Anhydrous

Di Basic Calcium Phosphate, Anhydrous

USE OR DESCRIPTION :

**Abrasives, Pharmaceuticals and Food Ingredient**

NAME OF COMPANY : **SUDEEP PHARMA LTD**

ADDRESS : 129/A/1, GIDC ESTATE, NANDESARI, BARODA -391 340 (INDIA)

PH : +91 265 284 0656

**2. INFORMATION ON COMPOSITION**

CHEMICAL FORMULA :

**CaHPO<sub>4</sub>**

CAS NUMBER:

**7757-93-9**

MOLECULAR WEIGHT :

**172.09**

EINECS NO.

**231-826-1**

**3. HAZARDOUS IDENTIFICATION**

HAZARDOUS INGREDIENTS	WT PCT (APPROX)	PEL		TLV(TWA)	
		MG/M3	PPM	MG/M3	PPM
NONE		NA	NA	NA	NA

NOTE : TLVS Shown For Guidance Only. Follow Applicable Regulations.

GIVEN INFORMATION IS PROVIDED IN GOOD FAITH, AS ACCURATELY AS POSSIBLE BUT WITH NO GUARANTEE. CONDITIONS OF USAGE AND SUITABILITY OF THE PRODUCT FOR PARTICULAR USES ARE BEYOND OUR CONTROL; ALL RISKS OF USE OF THE PRODUCT ARE THEREFORE ASSUMED BY THE USER AND WE EXPLICITLY DISCLAIM ALL WARRANTIES OF EACH KIND AND NATURE, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A SPECIFIC PURPOSE WITH REGARD TO THE USE OR SUITABILITY OF THE PRODUCT. NOTHING IS INTENDED AS A RECOMMENDATION FOR USES WHICH INFRINGE VALID PATENTS OR AS EXTENDING LICENSE UNDER VALID PATENTS. APPROPRIATE WARNINGS AND SAFE HANDLING PROCEDURES SHOULD BE PROVIDED TO HANDLERS AND USERS.

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**DI CALCIUM PHOSPHATE BP/EP/USP ANHYDROUS****8. SPECIAL PRECAUTIONS (EXPOSURE CONTROLS)****HANDLING :**

AVOID ACCUMULATION AND BREATHING OF DUSTS.

**STORAGE :**

NO SPECIAL PRECAUTIONS. RESEAL OPENED CONTAINERS.

STORED MATERIALS MUST BE LABELLED AS :

**DI CALCIUM PHOSPHATE BP/EP/USP DIHYDRATE**

THIS PRODUCT IS CLASSIFIED AS NOT RESTRICTED BY DOT.

**9. TYPICAL CHEMICAL AND PHYSICAL PROPERTIES**

APPEARANCE : VISCOSITY : AT 100 Deg F, SUS AT 40 Deg Cent, CS  
 WHITE CRYSTALLINE POWDER. NA NA  
 ODOUR : VISCOSITY : AT 210 Deg F, SUS AT 100 Deg Cent., CS  
 ODOURLESS NA NA  
 RELATIVE DENSITY : 13/4 Deg. Cent. SOLUBILITY IN WATER : PH : (20% SLURRY)  
 0.88G/ML INSOLUBLE 7.2  
 MELTING POINT : F(C) FOUR POINT : F(C)  
 NE NA  
 BOILING POINT : F(C) FLASH POINT : F(C) (METHOD)  
 NE NOT FLAMMABLE  
 VAPOUR PRESSURE : MM HG 20 Deg. Cent.  
 NA

NA = NOT APPLICABLE NE=NOT ESTABLISHED D=DECOMPOSES

**10. STABILITY AND REACTIVITY DATA**

STABILITY : (THERMAL, LIGHT ETC.) CONDITIONS TO AVOID :  
 STABLE

INCOMPATIBILITY : (MATERIALS TO AVOID)

NONE

HAZARDOUS DECOMPOSITION PRODUCTS :

OXIDES OF PHOSPHORUS - ONLY IF COMBUSTED

HAZARDOUS POLYMERIZATION CONDITIONS TO AVOID :

WILL NOT OCCUR NE

**11. HEALTH HAZARD DATA (TOXICOLOGY)**

ACUTE HEALTH HAZARDS :

NE : Possible Respiratory, Skin And Eye Irritant For Dry Powder.

CARCINOGENICITY :

LISTED : NIPP NO 1ARC MONOGRAPHS ? NO OSHA REGULATED ? NO

SIGNS AND SYMPTOMS OF EXPOSURE :

NE : POTENTIAL RESPIRATORY, SKIN AND EYE IRRITATION.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE :

NONE KNOWN

SUBACUTE AND MUTAGENICITY (SUMMARY)

**DI CALCIUM PHOSPHATE BP/EP/USP ANHYDROUS**

NE  
CHRONIC OR SPECIALIZED (SUMMARY)

NE  
TARGET ORGAN EFFECTS

EYE, SKIN, RESPIRATORY TRACT IRRITATION.  
OTHER DATA

NE

**12. ENVIRONMENTAL INFORMATION**

ENVIRONMENTAL IMPACT :

REPORT SPILLS AS REQUIRED TO APPROPRIATE AUTHORITIES.

PRODUCT IS PRACTICALLY NON TOXIC TO FISH AND INVERTEBRATE.

BEING INORGANIC COMPOUND CONTACT WITH SOIL OR SURFACE OF WATER CAN BE UTILISED AS ESSENTIAL NUTRIENT FOR PLANTS AND AQUATIC ORGANISMS.

**13. WASTE MANAGEMENT (DISPOSAL)**

DISPOSE OF WASTE BY SUPERVISED INCINERATION IN COMPLIANCE WITH APPLICABLE LAWS AND REGULATIONS. DISPOSE OF WASTE AT AN APPROPRIATE WASTE DISPOSAL FACILITY IN ACCORDANCE WITH CURRENT APPLICABLE LAWS AND REGULATIONS, AND PRODUCT CHARACTERISTICS AT TIME OF DISPOSAL.

**14. TRANSPORT INFORMATION**

ROAD, RAIL, SEA AND AIR (DATA CAN BE PROVIDED FOR INFORMATION ONLY)

**15. REGULATORY INFORMATION**

HAZARD SYMBOL - NOT APPLICABLE

**16. OTHER INFORMATION (WARNING STATEMENTS)**

WARNING :

ALL PHOSPHORUS COMPOUNDS MAY BE REASONABLY EXPECTED TO CONTAIN ARSENIC AND POSSIBLE CADMIUM AND/OR LEAD IN CONCENTRATIONS RANGING FROM A FEW PARTS PER BILLION TO FEW PARTS PER MILLION.

HAZARD WARNING :

THERE IS A POSSIBILITY BICYCLIC PHOSPHATES OR PHOSPHITES CAN BE PRODUCED AS A RESULT OF THE THERMAL DECOMPOSITION OF THIS PRODUCT IN COMBINATION WITH TRIMETHYLOL PROPANE, TRIMETHYLOL PROPANE DERIVED PRODUCTS OR THEIR CORRESPONDING TRIMETHYLOL ALKANE HOMOLOGS. BICYCLIC PHOSPHATES AND PHOSPHITES ARE A CLASS OF MATERIALS WITH ACUTE NEUROTOXIC PROPERTIES WHICH PRODUCE CHARACTERISTIC CONVULSIVE SEIZURES IN TEST ANIMALS. THEREFORE, THIS PRODUCT SHOULD NOT BE USED IN CONJUNCTION WITH TRIMETHYLOL PROPANE OR TRIMETHYLOL PROPANE DERIVED PRODUCTS.

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