

Ref: for all CIMALGIN molding references

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1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY

Trade name: Cimalgin molding mix

Company: CIMAPREM FOOD & PHARMA INGREDIENTS

Address 146, rue Joseph Rouxel - P.A. du Bourgneuf - 56350 RIEUX - FRANCE

Telephone: +33 2 23 100 400 **Fax:** +33 2 99 72 43 73 **e-mail:** info@cimaprem.com

Emergency Telephone number: - Centre Antipoison de Paris: **Tel:** 33 1.40.05.48.48 - **Fax:** 33 1.40.05.41.93 **e-mail:** cap.paris@lrh.ap-hop-paris.fr

2. INFORMATION ON SUBSTANCE

CHEMICAL CHARACTERIZATION : MIXTURE

TRADE NAME : CIMALGIN MOLDING MIX

CHEMICAL FORMULA : NOT APPLICABLE

3. HAZARDS IDENTIFICATION:

Name	C.A.S Number	E.I.N.E.C.S. Number	I.U.P.A.C. Name	N° E	TLV (mg.m ³)
SOLUM DIATOMEAE	7631-86-9	231-545-4	Dioxyde de silicium	551	0.10/0.05 quartz/cristobalite
CALCIUM SULFATE	7778-18-9	231-900-3	Calcium sulphate (CI 77231)	516	10
ALGIN	9005-38-3 / 57606-04-9	none	Alginic acid, sodium salt	401	5
TETRASODIUM PYROPHOSPHATE	7722-88-5	231-767-1	Tetrasodium pyrophosphate	450 iii	5

4. FIRST-AID MEASURES

INHALATION: SEEK MEDICAL, ATTENTION

SKIN CONTACT: WASH WITH SOAP AND WATER, IF PROBLEM PERSISTS SEEK MEDICAL ATTENTION

EYE CONTACT: NORMAL FLUSH WITH WATER, IF PROBLEM PERSISTS SEEK MEDICAL ATTENTION

INGESTION: SEEK MEDICAL ATTENTION

5. FIRE FIGHTING MEASURES

FLAMABLE LIMITS (MIXTURE): LOWER EXPLOSION LIMIT: 125.0 G/M.

SUITABLE EXTINGUISHING SUBSTANCES WATER SPRAY

PERSONAL PROTECTION EQUIPMENT NONE

UNUSUAL FIRE AND EXPLOSION HAZARDS: PRODUCT IS A FINELY DIVIDED COMBUSTIBLE POWDER AND AS SUCH CONSTITUTES A POTENTIAL FIRE HAZARD. KEEP WORKPLACE DUST LEVELS BELOW THE STIPULATED EXPOSURE LIMITS. PROHIBIT SMOKING AND OPEN FLAMES. AVOID SPARKS OR OTHER SOURCES OF STATIC ELECTRICITY. MINIMUM IGNITION TEMPERATURE OF DUST CLOUD IS APPROXIMATELY 390°C. MINIMUM EXPLOSIVE CONCENTRATION IS APPROXIMATELY 62 MG/L.

HAZARDOUS COMBUSTION PRODUCTS: THIS PRODUCT DOESN'T UNDERGO SPONTANEOUS DECOMPOSITION. TYPICAL COMBUSTION PRODUCTS ARE CARBON MONOXIDE, CARBON DIOXIDE, NITROGEN, SULFUR OXIDES AND WATER.

6. ACCIDENTAL RELEASE MEASURES

ENVIRONMENTAL PRECAUTIONS: MAKE THE POLLUTED SURFACE CLEAN WITH WATER

HANDLING OF SPILLAGE/LEAKAGE: CLEAN UP-USE NORMAL PROTECTIVE EQUIPMENT

DISPOSAL OF PRODUCT & CONTAINERS: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT INCINERATE IN CLOSED CONTAINERS.

7. HANDLING AND STORAGE:

RECOMMENDED HANDLING PRECAUTIONS: NORMAL INDUSTRIAL HANDLING, NO SPECIAL REQUIREMENTS

VENTILATION: NORMAL VENTILATION

STORAGE CONDITIONS: IN COOL, DRY AND VENTILATED WAREHOUSE

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS LONG TERM DUST INHALATION IN EXCESS OF THE TLV MAY INCREASE SUSCEPTIBILITY TO RESPIRATORY DISEASE AND CAUSE AN ADVERSE RESPIRATORY EFFECT. HANDLING WITHOUT GLOVES OR ADEQUATE BARRIER CREAM MAY LEAD TO SKIN DRYNESS AND CRACKING AND DERMATITIS OVER AN EXTENDED PERIOD OF TIME.

RESPIRATORY PROTECTION USE A DUST MASK

PROTECTION OF HANDS AND SKIN PROTECTIVE GLOVES AND WORKER SUITS

EYE PROTECTION SAFETY GLASSES

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE WHITE TO GREY POWDER

ODOR RAW MATERIALS

PH IN 1%, WATER SOLUTION (20°C) 6 - 8

BOILING TEMPERATURE UNKNOWN

MELTING TEMPERATURE UNKNOWN

FLASH POINT UNKNOWN

AUTO-IGNITION TEMPERATURE UNKNOWN

FLAMMABLE LIMITS IN AIR UNKNOWN

VAPOUR PRESSURE UNKNOWN

SOLUBILITY IN WATER MAKE A GEL

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID TEMPERATURE OVER 30°C FOR A LONG TIME

INCOMPATIBLE MATERIALS : HYDROFLUORIC ACID.

DECOMPOSITION PRODUCTS NONE

11. TOXICOLOGICAL INFORMATION.

INHALATION : THIS PRODUCT CAN PRODUCE A NUISANCE DUST WHICH SHOULD BE MAINTAINED BELOW A TIME WEIGHTED AVERAGE OF 10 MG/M3. EXPOSURE TO HIGH CONCENTRATIONS MAY PRODUCE LUNG DAMAGE. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR OR DUST. USE ONLY IN WELL VENTILATED AREAS.

INGESTION : INGESTION MAY CAUSE IRRITATION OF THE GASTROINTESTINAL TRACT.

SKIN CONTACT : PROLONGED SKIN CONTACT MAY CAUSE IRRITATION AMONG SENSITIVE INDIVIDUALS.

ABSORPTION BY SKIN : NONE

EYE CONTACT : PARTICULATES MAY SCRATCH EYE SURFACES AND MAY CAUSE EYE IRRITATION, REDNESS AND/OR SORENESS.

CHRONIC EFFECTS OF OVER-EXPOSURE LONG TERM DUST INHALATION IN EXCESS OF THE TLV MAY INCREASE SUSCEPTIBILITY TO RESPIRATORY DISEASE AND CAUSE AN ADVERSE RESPIRATORY EFFECT. HANDLING WITHOUT GLOVES OR ADEQUATE BARRIER CREAM MAY LEAD TO SKIN DRYNESS AND CRACKING AND DERMATITIS OVER AN EXTENDED PERIOD OF TIME.

12. ECOLOGICAL INFORMATION

COMMON PRODUCTS

13. GENERAL CONSIDERATIONS

BEHAVIOR IN THE ENVIRONMENT SET EQUIPMENT TO AVOID POWDER FLYING OUT.

TOXICOLOGY NONE

13. DISPOSAL CONSIDERATIONS.

BURYING UNDER GROUND OR ACCORDING TO LOCAL GOVERNMENT'S REGULATIONS.

14. TRANSPORT INFORMATION.

NU NUMBER UNKNOWN

SEA TRANSPORT : NO SPECIAL LIMITS

PACKING GROUP UNKNOWN

IMDG/IMO UNKNOWN

ROAD AND RAIL TRANSPORT NO SPECIAL LIMITS

AIR TRANSPORT NO SPECIAL LIMITS

TPC/TPF UNKNOWN

ICAO/IATA UNKNOWN

ADR/RID UNKNOWN

15. REGULATORY INFORMATION.

PACKAGING AND LABELLING

(DIRECTIVE 67/548 AND ITS AMENDMENTS, R.D. 2216/85 AND SUBSEQUENTS).

HAZARD SYMBOL (S) NONE

RISK PHRASE (S) NONE

SAFETY PHRASE (S) NONE

TOXIC AND DANGEROUS WASTE (LAW 20/1986) NONE

WATER LAW (LAW 29/1985 AND R.D. 849/1986) NONE

MAJOR ACCIDENTS (EEC DIRECTIVE 82/501, R.D. 886/1988) NONE

16. OTHER INFORMATION.

PRODUCT APPLICATIONS NO SPECIAL MATTER

REMARKS:

THE INFORMATION CONTAINED IN THIS DOCUMENT IS, TO THE BEST OF OUR KNOWLEDGE AT THE TIME OF PRINTING, TRUE AND ACCURATE. HOWEVER ALL THE RECOMMENDATIONS AND SUGGESTIONS CONTAINED HEREIN ARE GIVEN WITHOUT OUR GUARANTEE AS THE CONDITIONS IN WHICH THE PRODUCT IS USED BEYOND OUR CONTROL. FURTHERMORE, NOTHING CONTAINED HEREIN MAY BE CONSTRUED AS A RECOMMENDATION TO USE ANY PRODUCT IN A WAY THAT INFRINGE THE LAW, SAFETY PRACTICES OR CURRENTLY VALUE PATENTS IN RESPECT OF ANY MATERIAL OR ITS USE.

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