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SAFETY DATA SHEET

CALCIUM PHENATE



Version 5.0

Revision Date 04/25/2019

Print Date 02/09/2021

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name : CALCIUM PHENATE
Other means of Identification : WAX11
Recommended use : Intermediate
Restrictions on use : This material should not be used for any other purpose than that recommended without expert advice.
Manufacturer or supplier's details : INFINEUM USA L.P.
P.O. Box CN 135
Linden, NJ. 07036 USA
E-mail address for further information : SDS@infineum.com
Website for further information : <http://www.infineum.com>
Emergency telephone number : 703-527-3887 (international & maritime)
800-424-9300 (Transportation emergencies in the USA & Canada)

SECTION 2. HAZARDS IDENTIFICATION

Classification of the chemical in accordance with paragraph (d) of §1910.1200

This material is considered to be hazardous according to regulations.

GHS-Classification

Specific target organ toxicity - repeated exposure (Oral) : Category 2

Hazard statements:

H373: May cause damage to organs through prolonged or repeated exposure if swallowed.

GHS Label elements, including precautionary statements

Pictogram:



Signal word: Warning

Hazard statements:

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H373: May cause damage to organs (Kidney) through prolonged or repeated exposure if swallowed.

Precautionary statements:

Prevention

P260: Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.

Response

P314: Get medical advice/ attention if you feel unwell.

Disposal

P501: Dispose of contents/ container to an approved waste disposal plant.

Contains: Ethylene glycol

Other hazards which do not result in classification

This mixture contains no substance considered to be persistent, bioaccumulating and toxic (PBT).
This mixture contains no substance considered to be very persistent and very bioaccumulating (vPvB).

HMIS Classification : Health: 0
Chronic Health Hazard: *
Flammability: 1
Physical hazards: 0

NFPA Classification : Health: 0
Flammability: 1
Instability: 0

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous components

Name	CAS number or other code	Concentration [%]
Ethylene glycol	107-21-1	2

All concentrations are weight percent units for liquids or volume percent units for gaseous products.

Other ingredients are either not hazardous or are below the regulatory disclosure limit..

As per paragraph (i) of 29 CFR 1910.1200, formulation is considered a trade secret and specific chemical identity and exact percentage (concentration) of composition may have been withheld. Specific chemical identity and exact percentage composition will be provided to health professionals, employees, or designated representatives in accordance with applicable provisions of paragraph (i).

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SECTION 4. FIRST AID MEASURES

Description of first aid measures

- General advice** : No hazards which require special first aid measures.
- If inhaled** : If unconscious, place in recovery position and seek medical advice.
If symptoms persist, call a physician.
- In case of skin contact** : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
If symptoms persist, call a physician.
- In case of eye contact** : Flush eyes with water as a precaution.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists: Get medical advice/ attention.
- If swallowed** : Clean mouth with water and drink afterwards plenty of water.
Do not give milk or alcoholic beverages.
Never give anything by mouth to an unconscious person.
If symptoms persist, call a physician.

Most important symptoms and effects, both acute and delayed

- Symptoms** : No symptoms known or expected.

Indication of any immediate medical attention and special treatment needed

- Treatment** : No hazards which require special first aid measures.
If a person vomits when lying on his back, place him in the recovery position.
Keep patient warm and at rest.

- Protection of first-aiders** : For personal protection see section 8.

SECTION 5. FIREFIGHTING MEASURES

Extinguishing media

- Suitable extinguishing media** : Use water fog, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames

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Unsuitable extinguishing media : Do NOT use water jet.

Specific hazards arising from the chemical

- Combustibility** : Not classified as flammable or combustible, but will combust if ignited.
- Hazardous combustion products** : Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).
- Flammable properties** : See Section 9 for information on flammability.

Special protective equipment and precautions for fire-fighters

Protective equipment and precautions for firefighters : In the event of fire, wear self-contained breathing apparatus.

Fire Fighting Instructions : Standard procedure for chemical fires.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures : Advice for emergency responders
Ensure adequate ventilation.
Use personal protective equipment.
Material can create slippery conditions.
For personal protection see section 8.

Advice for non-emergency personnel

Environmental precautions : Do not flush into surface water or sanitary sewer system.
Prevent further leakage or spillage if safe to do so.
Try to prevent the material from entering drains or water courses.
If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and materials for containment and cleaning up : Wipe up with absorbent material (e.g. cloth, fleece).
Keep in suitable, closed containers for disposal.
Clean contaminated floors and objects thoroughly while observing environmental regulations.

Reference to other sections

Other information : For personal protection see section 8.

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SECTION 7. HANDLING AND STORAGE

Precautions for safe handling

For personal protection see section 8.
Smoking, eating and drinking should be prohibited in the application area.
Dispose of rinse water in accordance with local and national regulations.

Normal measures for preventive fire protection.

Products may load from Infineum manufacturing site above the standard loading/unloading range.

Loading/unloading temperature : No data available

Viscosity @ Loading/unloading temperature : No data available

Static accumulator : This material is not a static accumulator.

Conditions for safe storage, including any incompatibilities

Keep container tightly closed in a dry and well-ventilated place.

No decomposition if stored and applied as directed.

Storage temperature : Ambient

Incompatible materials and coatings : No data available

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limit Values

Substance name					
Form	Limit / Standard			Note	Source
Ethylene glycol					
aerosol	CEIL		100 mg/m3	A4	ACGIH
	C	50 ppm	125 mg/m3		OSHA P0
Aerosol only	C		100 mg/m3	URT irr, eye irr, (I), (NIC), A4	ACGIH
					NIOSH REL
Vapour	C	40 ppm	100 mg/m3		CAL PEL

Exposure limits for materials that can be formed when handling this product: When mists/aerosols can occur, the following are recommended: 5mg/m³ - ACGIH TLV, 10 mg/m³ - ACGIH STEL

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Limits/standards shown for guidance only. Follow applicable regulations.

Occupational exposure controls

Appropriate engineering controls : No special requirements under ordinary conditions of use and with adequate ventilation.

Individual protection measures, such as personal protective equipment

Respiratory protection : No personal respiratory protective equipment normally required.

Hand protection : Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. For prolonged or repeated contact use protective gloves.

Eye protection : Safety glasses

Skin and body protection : Protective suit

Advice on general occupational hygiene

Hygiene measures : Wash hands before breaks and immediately after handling the product. Remove contaminated clothing and protective equipment before entering eating areas.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Typical physical and chemical properties are given below. Consult the Supplier in Section 1 for additional data.

Information on basic physical and chemical properties

Physical state : liquid
Form : not determined
Colour : not determined
Odour : not determined
Odour Threshold : not determined

Important health safety and environmental information

Relative density : 1.10 at 15.55 °C (59.99 ° F)
Method: Estimated

Bulk density : Not applicable

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Density	: 1.10 g/cm ³ at 15.55 °C (59.99 ° F) Method: Estimated
Flash point	: 140.55 °C (284.99 ° F) Method: Pensky-Martens Closed Cup (ASTM D93)
Flammability (solid, gas)	: not determined
Lower flammability limit	: not determined
Upper flammability limit	: not determined
Auto-ignition temperature	: Not applicable
Vapour density (Air = 1.0)	: >1
Vapour pressure	: < 0.1 hPa (< 0.1 mmHg) at 20 °C (68 ° F) estimated
Evaporation rate (N-butyl acetate=1)	: Not applicable
pH	: Not applicable
Partition coefficient: n-octanol/water	: not determined
Water solubility	: negligible
Viscosity, kinematic	: not determined
Explosive properties	: not determined
Oxidizing properties	: not determined
Decomposition temperature	: not determined
Other information	
DMSO extract by IP346	: Less than 3.0 wt% (mineral oil component only)

SECTION 10. STABILITY AND REACTIVITY

Reactivity	: No dangerous reaction known under conditions of normal use.
Chemical stability	: Stable under recommended storage conditions.
Possibility of hazardous reactions	: No hazards to be specially mentioned.

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Conditions to avoid : Excessive heat.

Incompatible materials : Strong oxidizing agents

SECTION 11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Product

Acute oral toxicity : No data is available on the product itself.

Acute inhalation toxicity : No data is available on the product itself.

Acute dermal toxicity : No data is available on the product itself.

Skin corrosion/irritation : No data is available on the product itself.

Serious eye damage/eye irritation : No data is available on the product itself.

Respiratory or skin sensitisation : No data is available on the product itself.

Germ cell mutagenicity : No data is available on the product itself.

Genotoxicity in vitro : No data is available on the product itself.

Genotoxicity in vivo : No data is available on the product itself.

Carcinogenicity : No data is available on the product itself.

Reproductive toxicity : No data is available on the product itself.

STOT - single exposure : Assessment: No data is available on the product itself.

STOT - repeated exposure : Assessment: No data is available on the product itself.

Aspiration toxicity : No data is available on the product itself.

Components:**Ethylene glycol:**

Acute oral toxicity : Harmful if swallowed.

Carcinogenicity : No data available.

STOT - repeated exposure : Assessment: ETHYLENE GLYCOL (EG): Repeated high oral exposure has caused kidney damage, neurological effects, degeneration of the liver and changes in blood chemistry and circulating blood cells in laboratory animals. Repeated overexposure has the potential to cause similar toxic effects in humans. EG causes developmental and reproductive effects at high dose levels in laboratory animals. The relevance of

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these findings to humans is uncertain. However, as a precaution, avoid exposure during pregnancy.

Carcinogenicity

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.

OSHA

No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP

No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

ACGIH

No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

Product:

Toxicity to fish : No data is available on the product itself.

Toxicity to daphnia and other aquatic invertebrates : No data is available on the product itself.

Toxicity to algae : No data is available on the product itself.

Persistence and degradability

Product:

Biodegradability : No data is available on the product itself.

Bioaccumulative potential

Product:

Bioaccumulation : No data is available on the product itself.

Mobility in soil

Product:

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Mobility : No data is available on the product itself.

Components:

Ethylene glycol:

Mobility : After release, adsorbs onto soil.

Results of PBT and vPvB assessment

Product:

Assessment : No data is available on the product itself.

Components:

Ethylene glycol:

Assessment : This substance is not considered to be persistent, bioaccumulating and toxic (PBT). This substance is not considered to be very persistent and very bioaccumulating (vPvB).

Other adverse effects

Product:

Additional ecological information : None known.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal recommendations based on material as supplied, Disposal must be in accordance with applicable laws and regulations, and material characteristics at time of disposal

For the safety of persons conducting disposal, recycling or reclamation activities, refer to the information in Section 8, Exposure control and personal protection.

Disposal recommendations

Product : Dispose of contents/ container to an approved waste disposal plant.

Empty containers.

Empty Container Warning (where applicable): Empty containers may contain residue and can be dangerous. Do not attempt to refill or clean containers without proper instructions. Empty drums should be completely drained and safely stored until appropriately reconditioned or disposed. Empty containers should be taken for recycling, recovery, or disposal through suitably qualified or licensed contractor and in accordance with governmental regulations. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

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SECTION 14. TRANSPORT INFORMATION

LAND (DOT)

Not regulated for transport by land

SEA (IMDG)

Not regulated for transport by sea under IMDG code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Remarks

Not applicable

AIR (IATA)

Not regulated for transport by air

SECTION 15. REGULATORY INFORMATION

National chemical inventory status:

List	Status
TSCA	: Listed
DSL	: Listed
AICS	: Listed
NZIoC	: Listed
ENCS	: Listed
KECI	: Listed
PICCS	: Listed
IECSC	: Listed
TCSI	: Listed

To import this product into the EU your company requires registrations for all constituent substances that are subject to REACH registration. To discuss the possibility of setting up an Only Representative agreement with Infineum, please e-mail Only.Representatives@Infineum.com

CERCLA Reportable Quantity

Ethylene glycol (107-21-1) : 250000 lbs

SARA 311/312 Hazards : Specific target organ toxicity (single or repeated exposure)

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EPCRA - EMERGENCY PLANNING COMMUNITY RIGHT - TO - KNOW

SARA 302

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313

Components	CAS-No.	Concentration%
Ethylene glycol	107-21-1	2.00

US State Regulations

Pennsylvania Right To Know

Components	Highly refined mineral oil	64741-88-4
	Ethylene glycol	107-21-1

New Jersey Right To Know

Components	Highly refined mineral oil	64741-88-4
	Ethylene glycol	107-21-1
	Calcium carbonate	471-34-1

California Prop. 65

WARNING! This product can expose you to chemicals including the chemical/s shown below, which is/are known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Components Ethylene glycol

SECTION 16. OTHER INFORMATION

Revision changes since the previous version are marked in the margins throughout this document

Sources of key data used to compile the Safety Data Sheet

The information contained in this document is based upon data believed to be reliable at the time of going to press and relates only to the matters specifically mentioned in this document. Although Infineum has used reasonable skill and care in the preparation of this information, in the absence of any overriding obligations arising under a specific contract, no representation, warranty (express or implied), or guarantee is made as to the suitability, accuracy, reliability or completeness of the information; nothing in this document shall reduce the user's responsibility to satisfy itself as to the suitability, accuracy, reliability, and completeness of such information for its particular use; there is no warranty against intellectual property infringement; and Infineum shall not be liable for any loss, damage or injury that may occur from the use of this information other than death or personal injury caused by its negligence. No statement shall be construed as an endorsement of any product or process. For greater certainty, before use of information contained in this document, particularly if the product is used for a purpose or under conditions which are abnormal or not reasonably foreseeable, this information must be reviewed with the supplier of such information.

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