

1. IDENTIFICATION**Product identifier:** PLASTRETARD L**Product Code:** IEPPEAR000**Manufacturer Name:** SICIT GROUP S.p.A**Address:** Via Arzignano 80 I-36072 Chiampo (VI)
Italy**Telephone number:** +39 0444 450946**Emergency phone number:** +39 0444 450946 working hours only**Email Address:** sds@sicitgroup.com**Recommended use:** Industrial use as gypsum setting retarder**Restrictions on use:** None known.**2. HAZARD(S) IDENTIFICATION****Classification:**

Physical	Health
Not hazardous	Not Hazardous

Label Elements**Not hazardous in accordance with the GHS and OSHA Hazcom 2012.****3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical name	CAS No.	Concentration
Non-Hazardous mixture of chemically modified natural polymers	Proprietary	40-60%
Water	7732-18-5	40-60%

4. FIRST-AID MEASURES**Inhalation:** No first aid should be needed. If mists are inhaled and irritation experienced, move to fresh air.**Skin contact:** No first aid should be needed. Wash exposed skin after use.**Eye contact:** Rinse eyes with water. Seek medical attention if irritation persists.**Ingestion:** No first aid should be needed. Not intended for ingestion. If swallowed, rinse mouth with water. Seek medical attention if symptoms develop.**Most important symptoms/effects, acute and delayed:** May cause mild eye irritation. Ingestion may cause gastrointestinal upset.**Indication of immediate medical attention and special treatment, if necessary:** None required.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Use any extinguishing media appropriate for the fire situation.

Specific hazards arising from the chemical: Product is not flammable or combustible. Combustion after the water has evaporated may release toxic and irritating gases including oxides of carbon, nitrogen and sulfur.

Special protective equipment and precautions for fire-fighters: Follow normal fire-fighting procedures for the fire situation. Cool exposed container with water.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Wear suitable protective clothing.

Environmental Precautions: Prevent spill from entering sewers and water courses. Report releases as required by local and national authorities.

Methods and materials for containment and cleaning up: Contain and collect spill using inert absorbent material and place in appropriate container for disposal.

7. HANDLING AND STORAGE

Precautions for safe handling: Avoid the generation of mists. Avoid contact with eyes. Avoid prolonged contact with skin. Wash thoroughly with soap and water after handling.

Conditions for safe storage, including any incompatibilities: Store in a cool, dry area out of direct sunlight. Store in original packaging or in sealed container. Product is hygroscopic. Store away from heat and open flames.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure guidelines:

Non-Hazardous mixture of chemically modified natural polymer and additives	None Established
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Appropriate engineering controls: Use with adequate general or local exhaust ventilation to minimize exposures levels.

Individual protection measures:

Respiratory protection: None needed under normal use conditions. If exposure levels are excessive and irritation is experienced, a NIOSH approved particulate respirator is recommended. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

Skin protection: Impervious gloves and clothing recommended if needed to avoid prolonged skin contact.

Eye protection: Safety glasses or goggles recommended if splashing is likely.

Other: None known.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.): Brown liquid

Odor: Characteristic

Physical State: Liquid	pH: 7.0-8.5
Melting point/freezing point: Not available	Boiling Point: Not available
Flash point: >203°F / 95°C	Evaporation rate: Not available
Flammability (solid, gas): Not applicable	VOC: Not available
Flammable limits: LEL: Not applicable	UEL: Not applicable
Vapor pressure: Same as water	Relative vapor density: Same as water
Relative density: 1.22-1.25	Solubility(ies): Soluble
Partition coefficient: n-octanol/water: Not available	Auto-ignition temperature: 647°C
Decomposition temperature: Not available	Kinematic Viscosity: Not available
Particle Characteristics: Not applicable	

10. STABILITY AND REACTIVITY

Reactivity: Not reactive under normal conditions of use.

Chemical stability: Stable.

Possibility of hazardous reactions: None known.

Conditions to avoid: None known.

Incompatible materials: Avoid oxidizing agents.

Hazardous decomposition products: Thermal decomposition may yield carbon, sulfur and nitrogen oxides.

11. TOXICOLOGICAL INFORMATION

Acute effects of exposure:

Inhalation: Inhalation of mists may cause minor irritation of the mucous membranes and upper respiratory tract.

Ingestion: May cause gastrointestinal upset.

Skin contact: May cause slight irritation. Not irritating in rabbits.

Eye contact: May cause slight irritation with redness and tearing. Not irritating in rabbits.

Chronic Effects: None known.

Sensitization: Components are not known to be sensitizers. The product was tested and found not to be sensitizing in an invitro test (OECD 442E).

Germ Cell Mutagenicity: None of the components have been shown to cause germ cell mutagenicity.

Reproductive Toxicity: None of the components have been shown to cause reproductive toxicity.

Carcinogenicity: None of the components are listed as carcinogens or suspected carcinogens by IARC, NTP, ACGIH or OSHA.

Acute Toxicity Values: LD50 oral rat >2000 mg/kg

12. ECOLOGICAL INFORMATION

Ecotoxicity values: LC50 brachydanio rerio >100 mg/L/96h; EC50 daphnia magna >100 mg/L/48h; EC50 Pseudokirchneriella subcapitata 193.281 mg/L/72h. NOEC daphnia magna >100 mg/L/21d. Toxicity to microorganisms: EC50 (3h) activated sludge >1000 mg/L respiration inhibition.

Persistence and degradability: Biodegradable in aerobic conditions (100% after 28 days – OECD 301)

Bioaccumulative potential: No bioaccumulative potential

Mobility in soil: No data is available.

Other adverse effects: The product is completely biodegradable but if present in copious quantities can pollute ground and surface water, it may cause temporarily alterations in the point of dispersion. It is necessary to prevent the dispersion of the product into ground and surface waters.

13. DISPOSAL CONSIDERATIONS

Dispose in accordance with all local, state and federal regulations.

14. TRANSPORT INFORMATION

	UN Number	Proper shipping name	Hazard Class	Packing Group	Environmental Hazard
DOT		Not Regulated			
TDG		Not Regulated			
IMDG		Not Regulated			
IATA		Not Regulated			

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code): Not applicable – product is transported only in packaged form.

Special precautions: None known.

15. REGULATORY INFORMATION

Safety, health, and environmental regulations specific for the product in question.

CERCLA: This product is not subject to CERCLA release reporting. Many states have more stringent release reporting requirements. Report spills as required under federal, state and local regulations.

SARA Hazard Category (311/312): Not Hazardous

EPA SARA 313: This product contains the following chemicals regulated under SARA Title III, section 313:
None

16. OTHER INFORMATION

SDS Revision History: New SDS

Date of preparation: October 17, 2022

NOTICE

This above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. The company shall not be held liable for any damage resulting from handling or from contact with the above product. This information relates only to the product designated herein and does not relate to its use in combination with any other material or process.