

AGAR AGAR TYPE I (PTC GRADE)

SECTION 1: CHEMICAL PRODUCT IDENTIFICATION

Product Name: Agar Agar Type I (PTC Grade)

Code No.: 3505

CAS#: Not available

Synonym: Not available

Chemical Formula: Not available

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

Composition:

Name: Agar Agar Type I (PTC Grade)

Toxicological Data on Ingredients: Not a hazardous substance or mixture according to Regulation (EC) No.1272/2008. This substance is not classified as dangerous according to Directive 67/548/EEC

SECTION 3: HAZARDS IDENTIFICATION

Potential Acute Health Effects: Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008. This substance is not classified as dangerous according to Directive 67/548/EEC

SECTION 4: FIRST AID MEASURES

Eye Contact: Flush eyes with water as a precaution.

Skin Contact: Wash off with soap and plenty of water.

Serious Skin Contact: Not Available

Inhalation: If breathed in, move person into fresh air. If not breathing, give artificial respiration.

Serious Inhalation: Not Available

Ingestion: Never give anything by mouth to an unconscious person. Rinse mouth with water.

Serious Ingestion: Not available

SECTION 5: FIRE AND EXPLOSION DATA

Flammability of the Product: May be flammable at high temperature.

Auto-Ignition Temperature: Not Available.

Flash Points: Not Applicable.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances: Not Available.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not Available.

Fire Fighting Media and Instructions:

SMALL FIRE: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

LARGE FIRE: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special Remarks on Fire Hazards: When heated to decomposition it emits acrid smoke and irritating fumes.

Special Remarks on Explosion Hazards: Not Available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Small Spill: Use appropriate tools to put the spilled solid in a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.



Large Spill: Use a shovel to put the material into a convenient waste disposal container. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

SECTION 7: HANDLING AND STORAGE

Precautions: Do not ingest. Do not breathe dust. If ingested, seek medical advice immediately and show the container or the label. Keep away from incompatibles such as oxidizing agents, acids.

Storage: Keep container tightly closed. Keep container in a cool, well-ventilated area. Hygroscopic

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

Personal Protection: Safety glasses, Lab coat, Dust respirator, Gloves. Be sure to use an approved/certified respirator or equivalent.

Personal Protection in Case of a Large Spill: Splash goggles, Full suit, Dust respirator, Boots, Gloves. A self-contained breathing apparatus should be used to avoid inhalation of the product. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Exposure Limits: Not Available.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance Form	: Off white to Creamish color free flowing powder
Colour	: Not available
Odour	: Not available
Odour Threshold	: Not available
pH	: 6.0 – 7.0
Melting point/freezing point	: Not available
Initial boiling point and boiling range	: Not available
Flash point	: Not available
Evaporation rate	: Not available
Flammability (solid, gas)	: Not available
Upper/lower flammability or explosive limits	: Not available
Vapour pressure	: Not available
Relative density	: Not available
Water solubility	: Not available
Partition coefficient	: Not available
Auto-ignition temperature	: Not available
Dispersion Properties	: Not available
Solubility	: Soluble in hot water

SECTION 10: STABILITY AND REACTIVITY DATA

Stability: Not available

Instability Temperature: Not available

Conditions of Instability: Not available

Incompatibility with various substances: Reactive with acids, metals and oxidizing agents

Special Remarks on Reactivity: Not available

Special Remarks on Corrosivity: Not available

Polymerization: No



SECTION 11: TOXICOLOGICAL INFORMATION

Routes of Entry: Inhalation. Ingestion
Toxicity to Animals: LD50/ LC50: Not Available
Chronic Effects on Humans: Not Available
Other Toxic Effects on Humans: Not Available
Special Remarks on Toxicity to Animals: Not Available
Special Remarks on other Toxic Effects on Humans: Not Available

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity: Not available
BOD and COD: Not available
Products of Biodegradation: Possibly hazardous short term degradation products are not likely. However, long-term degradation products may arise.
Toxicity of the Products of Biodegradation: Not available
Special Remarks on the Products of Biodegradation: Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal: Waste must be disposed of in accordance with federal, state and local environmental control regulations.

SECTION 14: TRANSPORT INFORMATION

UN number		
ADR/RID:	IMDG:	IATA:
UN proper shipping name		
ADR/RID: Not dangerous goods		
IMDG: Not dangerous goods		
IATA: Not dangerous goods		
Transport hazard class(es)		
ADR/RID:	IMDG:	IATA:
Packaging group		
ADR/RID:	IMDG:	IATA:
Environmental hazards		
ADR/RID: no	IMDG Marine pollutant: no	IATA: no
Special precautions for user: Not Available		

SECTION 15: OTHER REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture: This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.
Chemical Safety Assessment: For this product a chemical safety assessment was not carried out

SECTION 16: OTHER INFORMATION

References: Full text of H AND R-Statements: Not available
Special Considerations: Not available
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