

MATERIAL SAFETY DATA SHEET



Conforms to 93/112/EC and ISO 11014-1

1. Chemical Product and Company Identification

Product Name: AquaPor 3:1 GTAC

Product Number: EC-206

Chemical Names/

Description:

A polysaccharide complex.

Manufacturer

National Diagnostics
305 Patton Drive
Atlanta, GA 30336

Telephone Numbers

(800) 526-3867
(404) 699-2121

Emergency Numbers

Chemtrec

(800) 424-9300 (U.S. & Canada)
01-703-527-3887 (outside U.S. & Canada)

2. Composition/Information on Ingredients

Component	% Comp.	CAS #	EINECS #	TLV (Units)
Agarose	100	9012-36-6		10 mg/m3

3. Hazards Identification

Appearance and Odor

White powder.

EMERGENCY OVERVIEW - IMMEDIATE HAZARD

AS PART OF GOOD INDUSTRIAL AND PERSONAL HYGIENE AND SAFETY PROCEDURE, AVOID ALL UNNECESSARY EXPOSURE TO THE CHEMICAL SUBSTANCE AND ENSURE PROMPT REMOVAL FROM SKIN, EYES, AND CLOTHING.

EMERGENCY OVERVIEW - CHRONIC HAZARD WARNING:

No information found.

Potential Health Effects

Inhalation

Nuisance dust. May cause coughing or sneezing if inhaled in large amounts.

Ingestion

No adverse effects expected. Very large ingestion may cause gastrointestinal upset due to gelation and bulking with possible constipation.

Skin

No adverse effects expected.

Eyes

No adverse effects expected but dust may cause mechanical irritation.

Signs and Symptoms of Overexposure**Inhalation**

Coughing, sneezing.

Ingestion

Upset stomach, constipation.

Skin

No adverse effects expected.

Eyes

Itching, redness.

Carcinogenicity

Not listed as a known or anticipated carcinogen by NTP or IARC.

Mutagenicity

No information found.

Reproductive Toxicity

No information found.

Teratogenic Effects

No information found.

Routes of Entry

No information found.

Target Organ Statement

No information found.

4. First Aid Measures**Inhalation**

Remove to fresh air. Get medical attention for any breathing difficulty.

Ingestion

Give several glasses of water to drink to dilute. If large amounts were swallowed, get medical advice.

Skin

Wash exposed area with soap and water. Get medical advice if irritation develops.

Eyes

Wash thoroughly with running water. Get medical advice if irritation develops.

5. Fire Fighting Measures

Flash Point	N.A.	Flammable Limits	N.A.
Flash Point Method	N.A.	Autoignition temperature	N.A.

Extinguishing media

Water spray, dry chemical, alcohol-resistant foam, or carbon dioxide.

Protective Equipment

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full facepiece operated in the pressure demand or other positive pressure mode.

Hazardous Combustion Products

Carbon monoxide and carbon dioxide.

Unusual Fire and Explosion Hazards

Fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

NFPA Codes: Health 0 Flammability 1 Reactivity 0

6. Accidental Release Measures

Steps to be taken in case material is released or spilled

Remove all sources of ignition. Ventilate area of leak or spill. Vacuuming or wet sweeping may be used to avoid dust dispersal. Small amounts of residue may be flushed to sewer with plenty of water.

Waste Disposal Method

Disposal must be made in accordance with applicable federal, state, and local regulations.

Personal Precautions

Wear appropriate protective equipment as specified in section 8.

7. Handling and Storage

Handling

Avoid contact and inhalation. Do not get in eyes, on skin, on clothing. Wash thoroughly after handling.

Storage

Keep in a tightly closed container, stored in a cooled, dry, ventilated area away from sources of heat or ignition. Protect from physical damage. Isolate from incompatible materials (section 10).

Storage Temperature

Room Temperature

Disposal

Observe all national, state, and local regulations regarding disposal.

8. Exposure Controls/Personal Protection

Airborne Exposure Limits

Component: Agarose

ACGIH Threshold Limit Value (TLV): 10 mg/m³

OSHA Permissible Exposure Limit (PEL): 15 mg/m³

Engineering Controls

A system of local and/or general exhaust is recommended to keep employee exposures below the Airborn Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source.

Respiratory Protection

If exposure limits are exceeded, wear a full-face respirator with organic vapor cartridge and high efficiency dust mist filter. Beyond fifty times exposure limits or when exposure levels are not known, wear a full-face piece positive pressure respirator.

Eye Protection

Safety glasses. Maintain eye wash fountain and quick-drench facilities in work area.

Skin Protection

Wear protective gloves and clean body covering clothing.

Other Control Measures

N.A.

9. Physical Properties

Boiling point N.A.

Melting point No data found.

Vapor pressure (mmHg) No data found.

Vapor density (Air = 1) No data found.
% volatile by volume 15

Evaporation Rate No data found.

Solubility in water Moderate (1 to 10%)

pH No data found.

Specific gravity (H₂O = 1) 1.7

10. Stability and Reactivity

Stability

Stable under ordinary conditions of use and storage.

Conditions to Avoid

No information found.

Hazardous Decomposition Products

Carbon dioxide and carbon monoxide may form when heated to decomposition.

Hazardous Polymerization

Will not occur

Incompatibles

Agarose:

Oxidizers.

11. Toxicological Information

Product LD50 Values

AquaPor 3:1 GTAC

Oral Rat LD50 (mg/kg):

AquaPor 3:1 GTAC

Dermal Rabbit LD50 (mg/kg):

Component Cancer List Status

	NTP Carcinogen		IARC Category
	Known	Anticipated	
Agarose	No	No	None

12. Ecological Information

Agarose

No information found.

13. Disposal Considerations

Observe all national, state, and local regulations regarding disposal.

14. Transport Information

D.O.T.

Proper Shipping Name: Not regulated.

Hazard Class: N.A.

UN Number: N.A.

Packing Group: N.A.

I.A.T.A.

Proper Shipping Name: Not regulated.

Hazard Class: N.A.

UN Number: N.A.

Packing Group: N.A.

I.M.O.

Proper Shipping Name: Not regulated.

Hazard Class: N.A.

UN Number: N.A.

Packing Group: N.A.

15. Regulatory Information

United States

TSCA Regulatory Statement

All intentional ingredients are listed on the TSCA Inventory.

SARA 311/312 Hazard Categories

Component	Fire	Pressure	Reactivity	Acute	Chronic
Agarose	No	No	No	No	No

Europe

EEC Regulatory

All intentional ingredients are listed on the European EINECS Inventory.

16. Other Information

NFPA Codes: Health 0 Flammability 1 Reactivity 0

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