

**MATERIAL SAFETY DATA SHEET**

<b>Product Name</b>	<b>AGAR AGAR POWDER NO.1 FOR BACTERIOLOGY</b>
---------------------	---

**1. Identification of the substance/mixture and of the company/undertaking**

**1.1 Product identifier**

**Trade name :** AGAR AGAR POWDER NO.1 FOR BACTERIOLOGY

**Product code :** A0087

**Identification of the product:** AGAR AGAR POWDER NO.1 FOR BACTERIOLOGY

**CAS No :** 9002-18-0

**1.2 Relevant identified uses of the substance or mixture and uses advised**

**againstUse:** Industrial. For professional use only.

**1.3 Details of the supplier of the safety data sheet**

**Company identification:** CYNOR

National industry, Pipodra GIDC, Surat-394110, Gujarat, India.

**Email:** cynorlaboratories@gmail.com **Mobile No.:** +91 8799070507

**2. Hazards identification -DSD**

**2.1 Classification of the substance or mixture**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

**2.2 Label element**

Not a hazardous substance or mixture according to Regulation (EC) No 1272/2008.

**2.3 Other hazards**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**3. Composition/information on ingredients**

**Substance / Preparation:** AGAR AGAR POWDER NO.1 FOR BACTERIOLOGY

**CAS No :** 9002-18-0

No components need to be disclosed according to the applicable regulations.

**4. First aid measures**

**4.1 Description of first aid measures**

**If inhaled**

After inhalation: fresh air.

**In case of skin contact**

In case of skin contact: Take off immediately all contaminated clothing. Rinse skin with water / shower.

**In case of eye contact**

After eye contact: rinse out with plenty of water. Remove contact lenses.

**If swallowed**

After swallowing: make victim drink water (two glasses at most). Consult doctor if feeling unwell.

**4.2 Most important symptoms and effects, both acute and delayed**

The most important known symptoms and effects are described in the labelling(see section 2.2) and/or in section 11

**4.3 Indication of any immediate medical attention and special treatment needed**

No data available

**5. Fire-fighting measures**

**5.1 Extinguishing media**

**Suitable extinguishing media**

Water Foam Carbon dioxide (CO<sub>2</sub>) Dry powder

**Unsuitable extinguishing media**

For this substance/mixture no limitations of extinguishing agents are given.

**5.2 Specific hazards arising from the substance or mixture** Carbon oxides Combustible.

Development of hazardous combustion gases or vapours possible in the event of fire

**5.3 Advice for fire-fighters**

In the event of fire, wear self-contained breathing apparatus.

**5.4 Further information**

Prevent fire extinguishing water from contaminating surface water or the ground water system.

**6. Accidental release measures**

**6.1 Personal precautions, protective equipment and emergency procedures**

Advice for non-emergency personnel: Avoid inhalation of dusts. Evacuate the danger area, observe emergency procedures, consult an expert. For personal protection see section 8.

**6.2 Environmental precautions**

Do not allow to enter drains or water courses.

**6.3 Methods and material for containment and cleaning up**

Cover drains. Collect, bind, and pump off spills. Observe possible material restrictions (see sections 7 and 10). Take up dry. Dispose of properly. Clean up affected area. Avoid generation of dusts.

**6.4 Reference to other sections**

For disposal see section 13.

**7. Handling and storage**

**7.1 Precautions for safe handling**

For precautions see section 2.2.

**7.2 Conditions for safe storage, including any incompatibilities**

**Storage conditions**

Tightly closed. Dry.

Moisture sensitive.

**Storage class**

Storage class (TRGS 510): 11: Combustible Solids

**7.3 Specific end use(s)**

Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

**8. Exposure controls/personal protection**

**8.1 Control parameter**

**Occupational Exposure Limits** : No data available.

**8.2 Exposure control**

**Personal protection** : Avoid all unnecessary exposure.

**Respiratory protection** : Wear approved mask.

**Hand protection** : Wear protective gloves.  
**Eye protection** : Chemical goggles or safety glasses.  
**Others** : When using, do not eat, drink or smoke.

## **9. Physical and chemical properties**

### **9.1 Information on basic physical and chemical properties**

Appearance	Form powder Color: beige
Odor	No data available
Odor Threshold	No data available
pH	5.0-7 at 15 g/l at 50 °C
Melting point/freezing point	No data available
Initial boiling point and boiling range	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (Solid, gas)	No data available
Upper/lower flammability or explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Density	No data available
Relative density	No data available
Water solubility	No data available
Partition coefficient: n-octanol/water	No data available
Autoignition temperature	No data available
Decomposition temperature	No data available
Viscosity	Viscosity, kinematic: No data available Viscosity, dynamic: No data available
Explosive properties	No data available
Oxidizing properties	none

### **9.2 Other information**

No data available

## **10. Stability and reactivity**

### **10.1 Reactivity**

The following applies in general to flammable organic substances and mixtures: in corresponding fine distribution, when whirled up a dust explosion potential may generally be assumed.

### **10.2 Chemical stability**

The product is chemically stable under standard ambient conditions (room temperature).

**10.3 Possibility of hazardous reactions**

No data available

**10.4 Conditions to avoid**

Exposure to moisture. no information available

**10.5 Incompatible materials**

No data available

**10.6 Hazardous decomposition products**

In the event of fire: see section 5

**11. Toxicological information**

**11.1 Information on toxicological effects**

**Acute toxicity**

LD50 Oral - Rat - 11.000 mg/kg

Inhalation: No data available Dermal:

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitization**

No data available

**Germ cell mutagenicity**

No data available

**Carcinogenicity**

No data available

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

**11.2 Additional Information**

RTECS: AW7950000

After uptake of large quantities:

Diarrhea

However, when the product is handled appropriately, hazardous effects are unlikely to occur. Handle in accordance with good industrial hygiene and safety practice.

**12. Ecological information**

**12.1 Toxicity**

No additional information available

**12.2 Persistence – degradability**

No additional information available

**12.3 Bioaccumulative potential**

No additional information available

**12.4 Mobility in soil**

No additional information available

**12.5 Results of PBT and vPvB assessment**

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

**12.6 Other adverse effects**

No additional information available

**13. Disposal considerations**

**13.1 Waste treatment methods**

No additional information available

**14. Transport information**

**14.1 UN number**

ADR/RID: -

IMDG: -

IATA: -

**14.2 UN proper shipping name**

ADR/RID:

Not dangerous goods

IMDG:

Not dangerous goods

IATA:

Not dangerous goods

**14.3 Transport hazard class(es)**

ADR/RID: -

IMDG: -

IATA: -

**14.4 Packaging group**

ADR/RID: -

IMDG: -

IATA: -

**14.5 Environmental hazards**

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

**14.6 Special precautions for user Further information**

Not classified as dangerous in the meaning of transport regulations.

**15. Regulatory information**

**15.1 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.

**15.2 Chemical safety assessment**

For this product a chemical safety assessment was not carried out

**16. Other information**

**Abbreviations and acronyms** : PBT: persistent, bioaccumulative and toxic. vPvB: very persistent and very bioaccumulative

**Sources of key data used** : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

**Further information** : None.



**CYNOR LABORATORY**

**Address: National industry, Pipodra GIDC, Surat-394110, Gujarat, India.**

**Email: cynorlaboratories@gmail.com Mobile No.: +91 8799070507**

In accordance with REACH Regulation (CE) N° 1907/2006 and with CLP Regulation(CE) N° 1272/2008 **DISCLAIMER OF LIABILITY** The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness.

The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge.

For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product. This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.

**End of document**

**Prepared by: CYNOR**

**For questions contact: CYNOR**

**Office: CYNOR**

National industry, Pipodra GIDC, Surat-394110, Gujarat, India.

**Email: cynorlaboratories@gmail.com Mobile No.: +91 8799070507**

(The statements contained herein are offered for informational purposes only and are based upon technical data that CYNOR believes to be accurate. It is intended for use only by persons having the necessary technical skills and at their own discretion and risk. Since conditions and manner of use are outside our control, we make **NO WARRANTY, EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS OR OTHERWISE.**)