

# MATERIAL SAFETY DATA SHEET

## TAMARIND POWDER

### SECTION 1. PRODUCT IDENTIFICATION AND COMPANY DETAILS

Product Name/Code	TamarindPowder	Supplier	ASES CHEMICAL WORKS.
Botanical Name	Tamarindus Indica	Address	Brahm Bagh, Jalori Gate Jodhpur - 342001 Rajasthan-India
		Ph.	+91-9636889954
		Web:	www.ases.in
		Email:	ecom@ases.in

### SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

Sr. no.	Composition	HSN CODE	Classification
2.	Spray Dried Tamarind Powder	20051000	Vegetable Powder

### SECTION 3. HAZARDS IDENTIFICATION

Overview	Classification according to Regulation 29CFR 1910.1200: This product is not a hazardous substance. Also, according to EC criteria, this product is not classified as a hazardous substance.
Inhalation	In case product dust is released, Possibly irritating.
Ingestion	No hazard is expected in normal use.
Skin Contact	May cause skin irritation.
Eye Contact	In case of contact with the eye, possibly irritating.

### SECTION 4. FIRST AID MEASURES

Skin contact	Wash off with soap and plenty of water.
Eye contact	In case of contact with the eye, immediately flush eyes with plenty of water or until all material has been removed.
If inhaled	If product dust is released, Possible discomfort: coughing or sneezing. Move victims into fresh air.
In case of ingestion	If swallowed, wash out the mouth with water or drink 1-2 glasses of water. If a person is uncomfortable, call a physician.
General comment	Seek medical attention in all cases. Treat according to the symptoms.

### SECTION 5. FIRE FIGHTING MEASURES

Fire and explosion hazard	This material is non-flammable. No specific hazard.
Extinguishing media	Use fire extinguishers of suitable type according to the surrounding fire conditions, such as dry chemical, carbon dioxide, dry powder, or foam.
Hazardous combustion products	As in any fire, wear self-contained positive-pressure breathing apparatus, (MSHA/NIOSH - approved or equivalent) and full protective gear.
Flash Point	Not applicable °C (°F)
Auto ignition temperature	Not applicable °C (°F)

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### SECTION 6. ACCIDENTAL RELEASE MEASURES

Procedure for personal precaution	Exercise appropriate precautions to minimize direct contact with the skin or eye and prevent inhalation of the dust.
Environmental precaution	Product does not present any particular risk to the environment.
Method for cleaning up	Sweep up, place in a bag, and hold for waste disposal. Avoid raising dust. Ventilate the area and wash the spill site after material pickup is complete.

### SECTION 7. PRECAUTION FOR SAFE HANDLING, STORAGE AND USE

Handling Procedure	Do not breathe dust. Avoid inhalation. Avoid contact with the eyes, skin, and clothing. Use proper PPE, such as a mask, goggles, gloves.
Storage condition	Spray-dried food powder should be kept in a dry, cool, and shaded place with the original packaging. Avoid moisture and store in a cool, dry place.

### SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational exposure limits	ACGIH	5 mg/m <sup>3</sup> for respirable dust
	OSHA Z1	15mg/m <sup>3</sup> for total dust
	NIOSH	6mg/m <sup>3</sup> for dust
Personal Protective equipment		
Respiratory protection		Use NIOSH approved self-contained breathing apparatus.
Eye protection		Wear safety glasses suitable for splashes, mist and dust.
Body protection		Wear impervious clothing to cover the exposed body.
Hand protection		Wear protective gloves.
Collective emergency equipment		Eye fountain.

### SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Fine Powder
Color	Light Brown
Odour	Characteristic
pH	Less than 5.0 of 5.0% Solution
Density	Approx. 50-100 g/L.
Melting Point	Not applicable °C (°F)
Flash Point	Not applicable °C (°F)
Boiling Point	Not applicable °C (°F)
Auto ignition temperature	Not known °C (°F)
Vapour pressure	Not applicable
Solubility in water	Semi soluble in water

### SECTION 10. STABILITY AND REACTIVITY

Chemical stability	The product is stable.
Conditions to avoid	High temperatures
Materials to avoid	Strong oxidizing agents
Hazardous polymerization products	Not applicable.
Hazardous polymerization	Will not occur.

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### SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity LD 50 oral (mouse)	Not applicable
LD 50 Intravenous Rats	Not applicable
Carcinogenicity/Mutagenicity/Teratogenicity	Not known to have any effects.
Other health effects	Not known

### SECTION 12. ECOLOGICAL INFORMATION

Aquatic environment	No data available
Degradability	Inter mineral product. Not degradable.

### SECTION 13. DISPOSAL CONSIDERATIONS

Product	Minimize the generation of waste. Dispose of according to regional and local regulations.
Packaging	Packaging material should be recycled or disposed of according to regional and local regulations.

### SECTION 14. TRANSPORT INFORMATION

Not dangerous according to transport regulations by road, rail, or air.

### SECTION 15. REGULATORY INFORMATION

US federal Regulation OSHA	If listed below, Spray Dried powder specific standard applies to the product: None Listed.	
Clean Air act section (112)	If listed below, components present at or above the minimum level is hazardous air pollution: None listed.	
TSCA status	If listed below, non-proprietary substances are subject to export notification under section 12 (b) of TSCA: None Listed	
WHMIS Classification	Not controlled	
NFPA rating	Health	1
	Flammability	0
	Reactivity	0

### SECTION 16. OTHER INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and ASES CHEMICAL WORKS assume no liability resulting from its use.