

## Colloidal Oatmeal

### Material Safety Data Sheet (MSDS)

#### 1. Product Identification

**Product Name:** Colloidal Oatmeal  
**INCI Name:** Avena Sativa (Oat) Kernel Flour  
**Chemistry:** Grain-related Dust  
**CAS Number:**  
**EINECS Number:**

#### 2. Physical & Chemical Properties

**Melting Point:** Not applicable  
**Boiling Point:** Not applicable  
**Non-Volatiles:** No data available  
**Viscosity:** Not applicable  
**Specific Gravity:** No data available  
**Solubility in water:** minimal  
**Refractive Index:** No data available  
**Appearance & Odor:** Off-white powder with characteristic odor of Oats.

#### 3. Stability & Reactivity

**Chemical Stability:** Stable.  
**Conditions to Avoid:** When handled or used improperly, this product can produce significant quantities of airborne dust. Sufficient dust concentrations can produce an explosion hazard when mixed with air in critical proportions and in the presence of an ignition source. Adequate ventilation, proper handling techniques, and good housekeeping procedures will help to eliminate the explosion potential.  
**Incompatible Materials:** None.  
**Hazardous Decomposition Products:** No data available.  
**Hazardous Polymerization:** Will not occur under normal temperatures and pressures.

#### 4. Handling & Storage

**Handling precautions:** Handle in a manner that will produce minimal dust generation.  
**Storage Precautions:** Store in a cool, dry place.  
**Other Precautions:** In areas of high dust concentrations, all ignition sources should be eliminated. Intrinsically-safe or spark-proof equipment should be used.

#### 5. Accidental Release Measures

Steps to be taken: sweep, preferably vacuum material. Avoid inhalation of dust. Waste disposal method: no special disposal procedure must be followed. This material is not defined as a hazardous material under RCRA.

#### 6. Exposure Controls & Personal Protection

**Respiratory Protection:** Local exhaust: capture of grain dust at the point of generation is the preferred method and should be implemented as necessary to control dust concentration. General mechanical: ventilation and dust control measures must be adequate to keep dust concentrations below explosive concentrations of 20,000-50,000 mg/m<sup>3</sup>.  
**Protective Clothing:** Protective goggles are advised if eye irritation is experienced or if eye contact is likely. In cases of excessive dust concentrations, an MSHA/NIOSH-approved respirator for dusts should be worn.  
**Other Protective Measures:** None specified.

#### 7. Hazards Identification

**Eye:** Exposure to high airborne dust concentrations can produce eye (particularly conjunctiva) irritation.  
**Skin:** None specified.

**Inhalation:** Chronic: If inhalation exposures are maintained below the TLV, no chronic effects are expected; however, exposure may produce a respiratory allergic response leading to grain dust asthma in some hypersensitive individuals. This is found to be particularly evident in individuals with a family history of allergies. Recent evidence suggests that an increased prevalence of chronic bronchitis may occur among individuals exposed to high concentration of grain-related dusts for long periods of time.

**Ingestion:** None specified.

**Signs and Symptoms:** Productive cough, tearing and redness in eyes, and breathlessness.

**Cancer:** None specified.

**Target Organs:** No data available.

**Developmental:** No data available.

**Pre-existing Medical Conditions:** Allergies caused by grain related products may be aggravated by exposure to this product. Smoking tobacco products may increase the bronchitis and asthma incidence.

#### 8. First Aid Measures

**Eyes:** Rinse eyes with water, contact a physician if irritation persists.  
**Skin:** Rinse affected area with water, contact a physician if irritation persists..

**Inhalation:** Remove to fresh air. If irritation persists seek immediate medical attention.

**Ingestion:** None specified.

#### 9. Fire Fighting Measures

**Flash Point:** N/A

**Extinguishing Media:** Water, Foam, CO<sub>2</sub>, Dry Chemical, or Halogen Extinguishing System.

**Fire Fighting Procedures:** No special procedures specified.

#### 10. Toxicological Information

Product could be an eye hazard and/or a lung toxin. Classified as a possible irritant.

#### 11. Disposal Consideration

No special disposal procedure must be followed. This material is not defined as a hazardous material under RCRA.

#### 12. Transport Information

**DOT Shipping Name:** not regulated

**ADR/RIC Code:** not regulated

**Sea Transport IMDG Code:** not regulated

**Air Transport IATA:** not regulated

#### 13. Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.