

**AERCHEM INC.**  
**320 North Walnut**  
**Bloomington, IN 47408**

Tel: 812.334.9996      Fax: 812.334.1960      Emergency: 800.424.9300

---

**SECTION 1: IDENTIFICATION**

**Effective Date:** 3/1/94  
**Product Name:** POTATO STARCH  
**CAS No.:** 9005-25-08

---

**SECTION 2: HAZARDOUS INGREDIENTS:**

Ingredients contributing to hazard are absent. The chemical nature of this product does not give occasion to caution against hazards for adverse human health and environmental effects.

---

**SECTION 3: PHYSICAL DATA**

Odor:	neutral
Appearance:	white, powder
pH (depends on quality):	~ 7
Solubility in water:	(20°C) < 10 <sup>-2</sup> g/l; colloidal dispersible in hot water (> 90°C)
Bulk density:	~ 700 kg/m <sup>3</sup>

---

**SECTION 4: FIRE AND EXPLOSION DATA**

Flash point:	no development of volatile and inflammable vapors till process of combustion
Extinguishing media:	standard media such as powder, foam or water are suitable
Fire fighting procedures:	for protection, the standard breathing apparatus should be used
Unusual fire and explosions hazards:	This product has no explosion properties in nature

---

**SECTION 5: REACTIVITY DATA**

This product loses its microscopical structure of granules by swelling in water during heating from 50°C.

**Decomposition byproducts:** There is no thermal decomposition if used as directed. In case of complete combustion, the decomposition product are carbon dioxide and water.

---

**SECTION 6: HEALTH HAZARD DATA**

**Toxicity:** This product is not toxic and does not contain ingredients which can be considered as such

---

**SECTION 7: SPILLAGE AND DISPOSAL PROCEDURES**

**Spillage:** No personal and environmental precautions are recommended. After spillage or leakage, remove waste in dry form if possible, otherwise flush with plenty of cold water.

Wet material on floor surface can be a slipping hazard.

**Disposal:** Taken into consideration the local authority regulations, it may be landfilled or incinerated together with household refuse. This product is expected to be readily biodegradable and not ecotoxic under normal circumstances.

---

**SECTION 8: FIRST AID PROCEDURES**

Because it is inert material, there is no reason to give proper instructions about first aid measure in relation to product.

---

**SECTION 9: HANDLING AND STORAGE INFORMATION:**

If appropriate technical measures should be taken to dispose of dust by ventilation or vacuum cleaning. Avoid excessive raising dust of loose material. Regular removing of dust is recommended. Specific incompatibilities have not to be stated. Store in cool, dry area away from extreme weather conditions. If appropriate, keep the packaging closed and sound.

---

**SECTION 10: SPECIAL PROTECTION INFORMATION:**

**Respiratory Protection:** In case of raising dust, use of breathing protection is recommended

---

**SECTION 11: TRANSPORT INFORMATION**

**DOT Classification:** Is not classified as dangerous goods according to international regulations for transport by land, inland waterways, sea and air.

---

**SECTION 12: OTHER REGULATORY INFORMATION**

Generally, this product is not subjected to regulations for mandatory marking, however take into consideration the possible existence of local regulations.