



**1. Identification:** Product 78% + Oxygen Scavenger

**Contact:**

**Boveda Inc.**  
10237 Yellow Circle Drive  
Minnetonka, MN 55343

**Boveda Office:**  
952-745-2900  
**Email:**  
Info@bovedainc.com

The use of this product is for regulation of water activity (relative humidity) in closed chambers.

**2. Hazard(s) identification:**

May cause eye irritation. May be harmful if swallowed. May cause skin irritation.

**3. Composition/ information on ingredients:**

The percentage varies because the product transfers moisture in use.

| <b>Ingredients:</b>     | <b>CAS No.</b> | <b>Percent</b> |
|-------------------------|----------------|----------------|
| Water (Reverse Osmosis) | 7732-18-5      | 50 to 67       |
| Potassium chloride      | 7447-40-7      | 20 to 31       |
| Sodium chloride         | 7647-14-5      | 8 to 13        |
| Iron powder             | 7439-89-6      | 2 to 5         |
| Xanthan gum             | 11138-66-2     | 0.5 to 1.0     |

**4. First-aid measures:**

**Ingestion:**

If the pouch contents are swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately. A small quantity of this material will normally produce negligible effects in an adult. If the contents are consumed by a child under 50 pounds, a physician should be consulted.

**Skin Contact:**

Flush skin with a large amount of soapy water.

**Eye Contact:**

Immediately flush with warm water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention if irritation persists beyond washing.

## 5. Fire-Fighting Measures:

The aqueous pouch is not considered to be a fire hazard - not combustible. If an incident should happen during manufacture, shipping or storage of bulk quantities of product see **MSDS for potassium chloride, sodium chloride, iron powder, and xanthan gum.**

## 6. Accidental Release Measures

Not applicable for the individual pouch. If an incident should happen during manufacture, shipping or storage of bulk quantities of product see **MSDS for potassium chloride, sodium chloride, iron powder, and xanthan gum.**

## 7. Handling and Storage

Not applicable for the individual pouch. If an incident should happen during manufacture, shipping or storage of bulk quantities of product see **MSDS for potassium chloride, sodium chloride, iron powder, and xanthan gum.**

## 8. Exposure Controls/Personal Protection

Not applicable for the individual pouch. If an incident should happen during manufacture, shipping or storage of bulk large quantities of product see **MSDS for potassium chloride, sodium chloride, iron powder, and xanthan gum.**

## 9. Physical and Chemical Properties

**Appearance:** Thick, translucent gel.

**Odor:** Odorless.

**Volatiles:** Water vapor

**pH:** ? to ?

**Solubility:** Very soluble in water.

**Melting Point, Boiling Point, and Vapor Density:** Not applicable

## 10. Stability and Reactivity

Not applicable for the individual pouch. If an incident should happen during manufacture, shipping or storage of bulk quantities of product see **MSDS for potassium chloride, sodium chloride, iron powder, and xanthan gum.**

## 11. Toxicological Information

This product is a water solution comprised of chloride, sodium chloride, and xanthan gum so any toxic effect of these salts is diluted.

**LD50 Oral:**

|                    |                                                                    |            |
|--------------------|--------------------------------------------------------------------|------------|
| Sodium chloride    | Rat                                                                | 3000 mg/Kg |
| Potassium chloride | Mouse                                                              | 1500 mg/Kg |
|                    | Rat                                                                | 2000 mg/Kg |
| Iron powder        | No available data. Used at low levels for food iron fortification. |            |
| Xanthan gum        | Used at food levels                                                |            |

**Not a carcinogen**

**12. Ecological Information**

Not applicable

**13. Disposal Considerations**

Individual units may be disposed of in household trash.

If an incident should happen during manufacture, shipping or storage of bulk quantities of product see **MSDS for potassium chloride, sodium chloride, iron powder, and xanthan gum.**

**14. Transport Information**

Not regulated.

**15. Regulatory:**

**TSCA 12(b):** Not listed as a toxic substance    **California Prop 65:** Not listed

**16. Other Information:**

Last Product revision: 12-16-2013