



**1. Identification:** Product 69%

**Contact:**

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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	40 to 70
Sodium chloride	7647-14-5	14 to 40
Ammonium chloride	12125-02-9	10 to 35
Xanthan gum	11138-66-2	0 to 2
Citric acid	77-92-9	0 to 1.0
Sodium Citrate	6132-04-3	0 to 0.5

**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 sodium chloride, ammonium chloride, sucrose, xanthan gum and citric acid.**

## **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 sodium chloride, ammonium chloride, xanthan gum, citric acid and sodium citrate.**

## **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 sodium chloride, ammonium chloride, xanthan gum, citric acid and sodium citrate.**

## **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 sodium chloride, ammonium chloride, xanthan gum, citric acid and sodium citrate.**

## **9. Physical and Chemical Properties**

**Appearance:** Thick, translucent gel.

**Odor:** Odorless.

**Volatiles:** Water vapor

**pH:** 2.5 to 4.5

**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 sodium chloride, ammonium chloride, xanthan gum, citric acid and sodium citrate.**

## **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
Ammonium chloride	Mouse	1300 mg/Kg
	Rat	1650 mg/Kg
Xanthan gum	A food ingredient at this level	
Citric acid	A food ingredient at this level	

**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 sodium chloride, ammonium chloride, xanthan gum, citric acid and sodium citrate.**

## **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: 1-7-2014