



**1. Identification:** Product 32%

**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	15 to 40
Calcium chloride dihydrate	10035-04-8	0 to 60
Magnesium chloride hexahydrate	7791-18-6	60 to 90
Natrosol Gum	9004-62-0	0.0 to 0.5
Sodium citrate	6132-04-3	0.0 to 0.12

**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 calcium chloride, magnesium chloride, sodium citrate 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 calcium chloride, magnesium chloride, sodium citrate 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 calcium chloride, magnesium chloride, sodium citrate 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 calcium chloride, magnesium chloride, sodium citrate 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 calcium chloride, magnesium chloride, sodium citrate 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
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.

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**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