



1. Identification: Product 49%

Contact:	Boveda Office:
	952-745-2900
Boveda Inc.	Toll Free:
10237 Yellow Circle Drive	877-892-1720
Minnetonka, MN 55343	Email:
952-745-2900	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.

Ingredients:	CAS No.	Percent
Water (Reverse Osmosis)	7732-18-5	10 to 60
Sodium Formate	141-53-7	30 to 70
Sodium Lactate	72-17-3	10 to 35
Xanthan gum	11138-66-2	0 to 0.6

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 formate and sodium lactate**.

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 formate and sodium lactate**.

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 formate and sodium lactate**.

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 formate and sodium lactate**.

9. Physical and Chemical Properties

Appearance: Thick, translucent gel.

Odor: Odorless.

Volatiles: Water vapor

pH: 7.2-8.5

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 formate and sodium lactate**.

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 lactate Not available

Sodium formate Mouse 11,200 mg/Kg

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 formate and sodium lactate.**

14. Transport Information

Not regulated.

15. Regulatory:

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

16. Other Information:

Last Product revision: 1-7-2014