

# MATERIAL SAFETY DATA SHEET

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## Section One – Product Description

Identity: **VECTOR 700**  
(USDA Authorized)

HMIS Codes:  
Health: 2  
Flammability: 1  
Reactivity: 0  
Protective Equipment: B

## Section Two – Hazardous Ingredients

Chemical Name:	CAS Number:	% Present	OSHA PeI	ACGIV TLV
Sodium Metasilicate	6434-92-0	2%	None Established	None Est.

## Section Three – Physical Data

**Appearance and Odor:** Water Thin Blue Liquid, No Odor

<b>Boiling Point:</b> 218°F	<b>Vapor Density:</b> NA
<b>Specific Gravity:</b> 1.08	<b>Evaporation Rate:</b> NA
<b>Vapor Pressure:</b> NA	<b>Solubility in Water:</b> 100%
<b>% Volatile by Volume:</b> NA	<b>pH (concentrate):</b> 12.4

## Section Four – Fire Fighting Data

<b>Flash Point:</b> None	<b>Special Fire Fighting Procedures:</b> None
<b>Flammable Limits:</b> Unknown	<b>Extinguishing Media:</b> Water, Dry Chemical or Foam
<b>Lower Explosive Limit:</b> NA	<b>Unusual Fire and Explosion Hazards:</b> None Known
<b>Upper Explosive Limit:</b> NA	

## Section Five – Reactivity Data

<b>Stability:</b> Stable	<b>Conditions to Avoid:</b> None
<b>Incompatibility:</b> Strong Acids	<b>Hazardous Decomposition or Byproducts:</b> None
<b>Hazardous Polymerization:</b> Will Not Occur	
<b>Conditions to Avoid Uncontrolled Polymerization:</b> None	

## Section Six – Health & First Aid Data

**Primary Route(s) of Entry:** Eye Contact, Skin Contact, Inhalation, Indigestion

**Health Hazards (Acute and Chronic):** May cause eye irritation or eye damage. May cause skin irritation and drying. May also cause irritation of the respiratory tract. Swallowing can result in severe injury. No chronic effects are known.

## **Signs and Symptoms of Overexposure:**

**Eyes:** Tearing, stinging, redness, irritation

**Skin:** Stinging, redness, some swelling possible, drying of skin

**Respiratory:** Coughing, soreness in respiratory tract, chest tightness, difficulty breathing

**Carcinogenicity:** No

## **Emergency and First Aid Procedures:**

**Eye Contact:** Immediately flush with large quantities of water for at least 15 minutes while holding the eyelids open. Get immediate medical attention.

**Skin Contact:** Immediately remove contaminated clothing and flush area with large quantities of water for at least 15 minutes. Get medical attention if irritation develops.

**Ingestion:** If patient conscious, give several glasses of water for dilution effect and get medical attention. Never give an unconscious person anything by mouth.

**DO NOT INDUCE VOMITING.**

**Inhalation:** Remove from contaminated atmosphere. If breathing has stopped, give artificial respiration then oxygen if needed. Get immediate medical attention.

## **Section Seven – Spill and Disposal Procedures**

**Spill and Release Procedures:** Absorb spilled liquids with inert material of absorbent material. Scoop or shovel absorbed material into containers. Dry mop or use absorbent material to remove final traces.

**Waste Disposal Method:** Check local, state and federal regulations. May be hauled to approved landfill or flushed into sewer. Neutralization of pH required.

## **Section Eight – Special Protection Information**

**Respiratory Protection:** None required, dust mask recommended.

**Ventilation:** Local and mechanical exhaust, none required.

**Eye Protection:** Goggles or face shield.

**Protective Gloves:** Rubber preferred.

**Other Protective Clothing or Equipment:** Impervious clothing preferred to prevent skin contact.

## **Section Nine – Special Precautions**

**Work/Hygienic Practices:** Wash thoroughly after handling. Wash contaminated clothes before re-use. Check protective clothing, particularly gloves for leaks before use.

**Handling and Storage:** Store in cool, dry, well-ventilated area. Keep closed when not in use.

**Other Precautions:** KEEP OUT OF REACH OF CHILDREN

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