

MSDS**Material Safety Data****JorVel™**

Jorgensen Laboratories, Inc.
 1450 North Van Buren Avenue
 Loveland, CO

JorClave Foaming Autoclave Spray Cleaner
 Product Codes: J646
 Effective Date: **SEP 25 2009**
 24 Hour Emergency Telephone:
 CMB: (800)535-5053

All non-emergency questions may be directed to customer service @ (970)669-2500 or fax (970)663-5042

HAZARDOUS INFORMATION

Appearance: Clear Reddish/Pink Liquid
 Odor: Practically Odorless
 Chemical Description: Less than 5% Phosphoric Acid Solution & Corrosion Inhibitors

Ratings	NFPA	HMSIS
2	3	2.1
2	3	2.2
2	3	2.3
2	3	2.4
2	3	2.5
2	3	2.6
2	3	2.7
2	3	2.8
2	3	2.9
2	3	3.0
2	3	3.1
2	3	3.2
2	3	3.3
2	3	3.4
2	3	3.5
2	3	3.6
2	3	3.7
2	3	3.8
2	3	3.9
2	3	4.0
2	3	4.1
2	3	4.2
2	3	4.3
2	3	4.4
2	3	4.5
2	3	4.6
2	3	4.7
2	3	4.8
2	3	4.9
2	3	5.0
2	3	5.1
2	3	5.2
2	3	5.3
2	3	5.4
2	3	5.5
2	3	5.6
2	3	5.7
2	3	5.8
2	3	5.9
2	3	6.0
2	3	6.1
2	3	6.2
2	3	6.3
2	3	6.4
2	3	6.5
2	3	6.6
2	3	6.7
2	3	6.8
2	3	6.9
2	3	7.0
2	3	7.1
2	3	7.2
2	3	7.3
2	3	7.4
2	3	7.5
2	3	7.6
2	3	7.7
2	3	7.8
2	3	7.9
2	3	8.0
2	3	8.1
2	3	8.2
2	3	8.3
2	3	8.4
2	3	8.5
2	3	8.6
2	3	8.7
2	3	8.8
2	3	8.9
2	3	9.0
2	3	9.1
2	3	9.2
2	3	9.3
2	3	9.4
2	3	9.5
2	3	9.6
2	3	9.7
2	3	9.8
2	3	9.9
2	3	10.0

Section 2 Hazardous Component Information
 Phosphoric Acid

OSHA PEL
 1mg/m3

CAS #
 7664-38-2

% wt
 <5%

Section 3 Hazards Identification

Primary Route of Entry: Skin, eyes and mouth.

Potential Health Effects: Signs and Symptoms of Exposure:

Eyes: Can cause reddening, stinging, tearing and swelling if contact with eye(s) occurs. Degree of irritation depends upon duration of contact.

Skin: Can irritate the skin. Degree of irritation depends on duration of contact.

Ingestion: May cause irritation to stomach lining.

Inhalation: No known effects.

Section 4 First Aid Procedures

Eyes: Following eye contact, flush eyes immediately with plenty of water, for fifteen minutes. A mild solution of Sodium Bicarbonate (Baking Soda) can also be used to neutralize acid. Assure adequate flushing of the eyes by separating the eyelids with fingers. Get medical attention.

Skin: Following skin contact, wash area at once with plenty of water for fifteen minutes. A mild solution of Sodium Bicarbonate (Baking Soda) can also be used to neutralize acid. Assure adequate flushing of the eyes by separating the eyelids with fingers. Rinsing promptly with water or Sodium Bicarbonate solution will reduce irritation considerably.

Ingestion: If swallowed call physician.

Inhalation: Move victim to fresh air if irritation occurs. Get medical attention.

Section 5 Fire Fighting Measures

Fire Fighting Procedures: Use self contained breathing apparatus

Extinguishing Media: Use water spray, carbon dioxide, dry chemical powder or appropriate foam.

Hazardous Combustion Products: None known.

Section 6 Accidental Release Measures

Steps to be taken in the event of spills, leaks or release: For small spills: neutralize with sodium bicarbonate, add inert absorbent, sweep up, and place the material in plastic drums approved for disposal. For large spills: Dike to contain and pump into drums approved for disposal. Follow all local, state and federal environmental regulations.

Section 7 Handling & Storage:

Handling: Handle with care and avoid unnecessary personal contact. Avoid contact with eyes and prolonged or repeated skin contact. Wash thoroughly after handling.

Storage: Keep container tightly closed when not in use and during transport. Store at room temperature.

Materials or Conditions to avoid:

Section 8 Exposure Controls/Personal Protection

Personal Protective Equipment:

General: Protect from clothing by wearing coveralls.

Eye and Face Protection: In cases where there is likelihood of eye contact, wear chemical goggles.

Skin Protection: Wear impervious gloves as a standard handling practice.

MATERIAL SAFETY DATA SHEET

Section 9 Physical & Chemical Properties:

pH as is: 1.90-2.50
Solubility in water: Soluble
Specific Gravity: 1.01 (water=1.00)

Section 10 Stability & Reactivity:

General stability considerations: Product is stable.
Incompatible materials: Do not mix with alkaline materials such as Sodium Hydroxide or any other strong bases.
(Heat can develop)
Hazardous decomposition products: Could release carbon monoxide and carbon dioxide.
Hazardous Polymerization: Will not occur.

Section 11 Disposal Considerations:

Dispose of in accordance with all local, state and federal environmental regulations.

Section 12 Transport Information:

Proper Shipping Name: Consumer Commodity, ORM-D Domestic ONLY

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