SAFETY DATA SHEETS

This SDS packet was issued with item:

078659750

N/A



Material Safety Data



Jorgensen Laboratories, Inc. 1450 North Van Buren Avenue

Loyeland, 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 Hauid

Odor: Practically Odorless

Chemical Description: Less than 5% Phosphorio Acid Solution & Corrosion Inhibitors

TREACHINGS TIVE SECTION

Section 2 Hazardous Component Information

OSHA PEL

CAS # 7664-38-2 % wt

Phosphorio Acid

Section 3 Hazards Identification

Primary Route of Entry: Skin, eyes and mouth.

Potential Health Biffects: 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.

Sidn: 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 Pirst Ald Procedures

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

Sidn: Pollowing 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 cyclids with fingers. Rinsing promptly with water or Sedium Blembonate 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 commined breathing apparatus

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

Hazardons 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 hert 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. Pollow all local, state and federal environmental regulations.

Section 7 Handling & Storage:

Handling: Handlo with care and avoid unnecessary personal contact. Avoid contact with eyes and protonged 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 Pace 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 Proporties: 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 varbon 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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SAFETY DATA SHEET J-646

Revision: 05/01/2015

Printed: 5/19/2015

Supersedes Revision: 04/29/2015

1. Product and Company Identification

Product Code: J-646

Product Name: Jorvet Foam Spray

Company Name:Jorgensen LaboratoriesPhone Number:1450 N. VanBuren Avenue1 (800) 525-5614

Loveland, CO 80538

Emergency Contact: Chemtrec 1 (800) 424-9300

2. Hazards Identification

Skin Corrosion/Irritation, Category 2
Serious Eye Damage/Eye Irritation, Category 2



GHS Signal Word: Warning

GHS Hazard Phrases: Causes skin irritation.

Causes serious eye irritation.

GHS Precaution Phrases: Keep out of reach of children.

Read label before use.

Do not get in eyes, on skin, or on clothing.

Wear rubber gloves, chemical goggles, and rubber apron.

Wash hands thoroughly after handling.

GHS Response Phrases: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and

easy to do. Continue rinsing for 15 minutes. Get medical advice/attention.

IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Get immediate medical advice/attention. IF ON SKIN: Take off contaminated clothing and wash before re-use. Wash with plenty of water for

15 minutes. If skin irritation occurs: Get medical advice/attention.

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If experiencing respiratory symptoms: Get medical advice/attention.

Medical and Transportation Emergencies contact Chemtrec 1-800-424-9300

GHS Storage and Disposal

Phrases:

Dispose of contents/container in accordance to local, state and federal

regulations.

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Hazard Rating System:

| | 2 |
|--------------|---|
| Flammability | 0 |
| Physical | 0 |
| PPE | С |

HMIS:

Potential Health Effects (Acute and Chronic)

3. Composition/Information on Ingredients

CAS # Hazardous Components (Chemical Name) Concentration

7664-38-2 Phosphoric acid <3.0% 67-63-0 Isopropyl alcohol <5.0%

4. First Aid Measures

Emergency and First Aid

Procedures: No data available.

In Case of Inhalation: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If

experiencing respiratory symptoms: Get medical advice/attention.

In Case of Skin Contact: Wash thoroughly with fresh, tepid water for 15 minutes. Discard contaminated clothing and footwear or wash

before reuse. If skin irritation occurs: Get medical advice/attention.

In Case of Eye Contact: Immediately flush eyes with large amounts of fresh, tepid water for at least 15 minutes. Hold eyelids open to

ensure complete irrigation of eye and lid tissues. Tilt head to the side and irrigate the eye from the bridge of the nose to the outside of the face. Keep run-off from entering the other eye, mouth or ear. Washing eye within the first few seconds is essential to achieve maximum effectiveness. Remove contact lenses, if present

and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

In Case of Ingestion: Do not induce vomiting. Rinse mouth with fresh, tepid water, then immediately drink 4-8 oz. of milk or water.

Never give anything by mouth to an unconscious person. If vomiting occurs, keep airways open. Keep head

lower than hips to prevent aspiration into the lungs. Get medical advice/attention.

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5. Fire Fighting Measures

Flash Pt: No data.

Explosive Limits: LEL: No data. UEL: No data.

Auto ignition Pt: No data.

Suitable Extinguishing

Media: Dry chemical, CO2, sand, earth, water spray or regular foam.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or

equivalent), and full protective gear.

Flammable Properties and

Hazards: No data available.

6. Accidental Release Measures

Protective Precautions, Rubber or neoprene gloves, safety glasses. Wear chemical protective clothing. Do not get in eyes, or on **Protective Equipment and** clothing. Wash hands thoroughly after handling. Provide mechanical ventilation to disperse or ventilate **Emergency Procedures:** the area with fresh air.

Steps To Be Taken in Case Absorb spill with inert material (e.g. dry sand or earth), and dispose of in accordance with applicable **Material Is Released Or** regulations.

Spilled:

7. Handling and Storage

Precautions To Be Taken Avoid contact with eyes, skin, and clothing.

In Handling:

Precautions To Be Taken Keep container closed when not in use. Keep from freezing. Store away from incompatible material.

In Storing:

8. Exposure Controls/Personal Protection

| CAS# | Partial Chemical Name | OSHA TWA | ACGIH TWA | Other Limits |
|-----------|-----------------------|--------------|--------------------------------|--------------|
| 7664-38-2 | Phosphoric acid | PEL: 1 mg/m3 | TLV: 1 mg/m3 SSTEL: 3 mg/m3 | No data. |
| 67-63-0 | Isopropyl alcohol | PEL: 400 ppm | TLV: 200 ppm STEL: 400 ppm | No data. |

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Respiratory Equipment: A respirator is not needed under normal and intended conditions of product use.

(Specify Type):

Eye Protection: Safety glasses

Protective Gloves: Rubber or neoprene gloves.

Other Protective Clothing: Wear chemical protective clothing.

Engineering Controls Handle in accordance with good industrial hygiene and safety practice in a well ventilated area.

(Ventilation etc.): Wash hands before breaks and at the end of the workday.

9. Physical and Chemical Properties

Physical States: [] Gas [X] Liquid [] Solid **Appearance and Odor:** Appearance: Clear Reddish Pink Liquid

Odor: Slight Odor

Melting Point:No data.Boiling Point:No data.Autoignition Pt:No data.Flash Pt:No data.

Explosive Limits: LEL: No data. UEL: No data.

Specific Gravity (Water = 1): 0.990 - 1.010

Vapor Pressure (vs. Air or

Mm Hg): No data.

Vapor Density (vs. Air = 1): No data.

Evaporation Rate: No data.

Solubility in Water: 100

pH: 1. 95 – 2.65 @1%

Percent Volatile: N.D.

10. Stability and Reactivity

Stability: Unstable [] Stable [X]

Conditions to Avoid: Avoid handling conditions which may allow for leaks and spills of this material. Do not permit personnel to

handle this product without proper training and/or protective equipment.

Incompatibility -

Materials to Avoid: Avoid contact with strong acids, bleach bases or other.

Hazardous

Decomposition or

Byproducts: No data available.

Possibility of

Hazardous Reactions: Will occur [] Will not occur [X]

Conditions to Avoid -

Hazardous Reactions: No data available.

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11. Toxicological Information

Toxicological Information: Inhalation, Eye contact, Skin contact, Ingestion **Irritation or Corrosion:** Eyes: Causes serious eye irritation.

Skin: May cause skin irritation.
Ingestion: Causes digestive tract burns.

Inhalation: No known effects.

Symptoms Related to

Toxicological Characteristics: Eyes: Redness, pain, irritation

Skin: Redness, pain, irritation
Ingestion: Corrosion, Abdominal pain
Inhalation: No symptoms known.

Chronic Toxicological Effects: No known chronic toxicological effects.

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated? No

12. Ecological Information

General Ecological Information: This product has no known ecotoxicological effects.

13. Disposal Considerations

Waste Disposal Method: Dispose of contents/container in accordance to local, state and federal regulations.

14. Transport Information

LAND TRANSPORT (US DOT):

DOT Proper Shipping Name:

Compound Cleaner, Not Regulated

DOT Hazard Class: UN/NA Number:

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not Regulated.

15. Regulatory Information

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EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS # Hazardous Components (Chemical Name) S. 302 (EHS) S. 304 RQ S.313 (TRI)

7664-38-2 Phosphoric acid No Yes 5000 LB No 67-63-0 Isopropyl alcohol No No Yes

16. Other Information

Revision Date: 05/01/2015

Additional Information About

This Product:

Company's Disclaimer: While Jorgensen believes the statements set forth herein are accurate as of the date hereof, Jorgensen makes no warranty with respect thereto and expressly disclaims all liability for reliance thereon. Such data is offered solely for your consideration, investigation, and verification.