

Safety Data Sheet

Material Name: J-Firm

*** Section 1 - Product and Company Identification ***

Material Name: J-Firm

Product Use: Standing Support

Manufacturer Information

Jennchem, LLC
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Pittsburgh, PA 15238

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Fax: 412-963-9767
Emergency # 800-424-9300 CHEMTREC
International #: 1-703-527-3887 CHEMTREC

*** Section 2 - Hazards Identification ***

GHS Classification:

Skin Corrosion/Irritation - Category 2

Eye Damage - Category 2B

Hazardous to Aquatic Environment Acute Hazard - Category 1

GHS LABEL ELEMENTS

Symbol(s)



Signal Word

Warning

Hazard Statements

Causes skin and eye irritation.

Very toxic to aquatic life.

Precautionary Statements

Prevention

Wash thoroughly after handling.

Wear protective gloves/protective clothing/eye protection/face protection.

Avoid release to the environment.

Response

If on skin: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash it before reuse.

If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. If eye irritation persists: Get medical advice/attention.

Collect spillage.

Disposal

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Dispose of contents/container in accordance with local/regional/international regulations.

*** Section 3 - Composition / Information on Ingredients ***

CAS #	Component	Percent
Trade Secret	Proprietary Ingredients	100

*** Section 4 - First Aid Measures ***

First Aid: Eyes

Immediately flush eyes with large amounts of water for at least 15 minutes, occasionally lifting lower and upper lids. Seek medical attention.

First Aid: Skin

In case of contact immediately wash contaminated area with plenty of water. Remove contaminated clothing. Wash contaminated clothing and shoes before reuse. Seek medical attention.

First Aid: Ingestion

If swallowed, do not induce vomiting. If conscious have person drink a cupful of water. Never give anything by mouth to an unconscious person. Contact poison control center. Seek medical attention.

First Aid: Inhalation

Move person to fresh air. If not breathing, give artificial respiration. If breathing difficult, give oxygen. Seek medical attention.

*** Section 5 - Fire Fighting Measures ***

General Fire Hazards

See Section 9 for Flammability Properties.
Non-combustible.

Hazardous Combustion Products

Not Determined.

Extinguishing Media

Compatible with all extinguishing media.

Unsuitable Extinguishing Media

None

Fire Fighting Equipment/Instructions

A self-contained breathing apparatus is recommended to limit exposures to combustion products when fighting any fire. Wear full protective equipment. Use water spray to keep fire-exposed containers cool.

*** Section 6 - Accidental Release Measures ***

Recovery and Neutralization

Stop the flow of material, if this is without risk.

Materials and Methods for Clean-Up

For small spills, mop and neutralize liquid, then dispose of the material in accordance with federal, state and local regulations or permits.

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For large spills, keep unnecessary people away. Isolate hazard area and deny entry. Do not touch or walk through spilled materials. Stop leak if possible without risk. Isolate, dike and store discharged material, if possible. Use sand or earth to contain spilled material. If containment is impossible, neutralize containment area and flush with large quantities of water, then dispose of the material in accordance with federal, state and local regulations or permits.

Emergency Measures

Isolate the hazard area and deny entry to unnecessary and unprotected personnel.

Personal Precautions and Protective Equipment

Use appropriate personal protective equipment as recommended in Section 8 during clean-up.

Environmental Precautions

Prevent runoff from entering storm sewers and ditches which lead to natural waterways.

Prevention of Secondary Hazards

None

*** Section 7 - Handling and Storage ***

Handling Procedures

Avoid contact with eyes, skin and clothing. Avoid breathing spray mist. Keep container closed. Promptly clean residue from closures with cloth dampened with water. Promptly clean up spills. Wash skin thoroughly after handling and before eating or performing hygienic activities. Wash all contaminated clothing prior to reuse.

Storage Procedures

Keep containers closed. Store in clean steel or plastic containers. Separate from acids, reactive metals, and ammonium salts. Storage temperature 0 – 95 degrees C. Loading temperature 45 – 95 degrees C. Do not store in aluminum, fiberglass, copper, brass, zinc or galvanized containers.

Incompatibilities

Gels that generate heat when mixed with acid. May react with ammonium salts resulting in evolution of ammonia gas. Flammable hydrogen gas may be produced on contact with aluminum, tin, lead and zinc.

*** Section 8 - Exposure Controls / Personal Protection ***
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Component Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

Engineering Measures

Use with sufficient ventilation.

Personal Protective Equipment: Respiratory

Use a NIOSH approved dust and mist respirator where spray mist occurs.

Personal Protective Equipment: Hands

Use impervious gloves.

Personal Protective Equipment: Eyes

Wear chemical goggles or face shield.

Personal Protective Equipment: Skin and Body

Wear impervious protective clothing to prevent skin contact. Wash hands and contaminated skin thoroughly after handling. Wash contaminated clothing prior to re-use.

Hygiene Measures

Always wash and clean affected skin areas prior to eating or performing personal hygiene activities. Always wash all contaminated clothing prior to re-use.

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*** Section 9 - Physical & Chemical Properties ***

Appearance:	Clear to hazy white.	Odor:	Odorless or musty
Physical State:	Liquid	pH:	approx. 11.3
Vapor Pressure:	ND	Vapor Density:	ND
Boiling Point:	ND	Melting Point:	ND
Solubility (H2O):	Miscible	Specific Gravity:	1.39 g/cm ³ (20 degrees C), 41 degrees Be, 11.62 lbs/gal
Evaporation Rate:	NA	VOC:	ND
Octanol/H2O Coeff.:	ND	Flash Point:	NA
Flash Point Method:	NA	Upper Flammability Limit (UFL):	NA
Lower Flammability Limit (LFL):	NA	Burning Rate:	NA
Auto Ignition:	NA		

*** Section 10 - Chemical Stability & Reactivity Information ***

Chemical Stability

This is a stable material.

Hazardous Reaction Potential

Will not occur.

Conditions to Avoid

None

Incompatible Products

Gels that generate heat when mixed with acid. May react with ammonium salts resulting in evolution of ammonia gas. Flammable hydrogen gas may be produced on contact with aluminum, tin, lead and zinc.

Hazardous Decomposition Products

Hydrogen.

*** Section 11 - Toxicological Information ***

Acute Toxicity

A: General Product Information

Acute Data: When Tested for eye and skin irritation potential, a similar material caused moderate irritation to the eyes and skin. Single dose acute oral LD50 in rats ranged from 1500 mg/kg to 3200 mg/kg.

Subchronic Data: In rats, in drinking water for three months at 200, 600, and 1800 ppm,- no specific changes to the organs of the animals were observed in any dosage group. Adverse effects reported to the kidneys of dogs fed the ingredient at 2.4 g/kg/day for 4 weeks. Decreased numbers of births and survival to weaning was reported for rats fed drinking water at 600 and 1200 ppm.

B: Component Analysis - LD50/LC50

No LD50/LC50's are available for this product's components.

Potential Health Effects: Skin Corrosion Property/Stimulativeness

May cause mild irritation.

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Potential Health Effects: Eye Critical Damage/ Stimulativeness

May cause mild irritation.

Potential Health Effects: Ingestion

May be harmful if swallowed.

Potential Health Effects: Inhalation

Spray mists may cause respiratory irritation.

Respiratory Organs Sensitization/Skin Sensitization

This product is not reported to have any sensitization effects.

Generative Cell Mutagenicity

This product is not reported to have any mutagenic effects.

Carcinogenicity

A: General Product Information

This product is not reported to have any carcinogenic effects.

B: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

Reproductive Toxicity

This product is not reported to have any reproductive toxicity effects.

Specified Target Organ General Toxicity: Single Exposure

This product is not reported to have any single exposure specific target organ toxicity effects.

Specified Target Organ General Toxicity: Repeated Exposure

This product is not reported to have any repeat exposure specific target organ toxicity effects.

Aspiration Respiratory Organs Hazard

Not an aspiration hazard.

*** Section 12 - Ecological Information ***
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Ecotoxicity

A: General Product Information

Product has a high pH when undiluted or not neutralized and is very toxic to aquatic life.

On a 100% solids basis: A 96 hour median tolerance for fish (*Gambusia affinis*) of 2320 ppm; a 96 hour median tolerance for water fleas (*Daphnia magna*) of 247 ppm; a 96 hour median tolerance for snail eggs (*Lymnea*) of 632 ppm; a 96 hour median tolerance for Amphipoda of 160 ppm.

B: Component Analysis - Ecotoxicity - Aquatic Toxicity

No ecotoxicity data are available for this product's components.

Persistence/Degradability

Not persistent in aquatic systems.

Bioaccumulation

No information available for the product.

Mobility in Soil

No information available for the product.

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*** Section 13 - Disposal Considerations ***

Waste Disposal Instructions

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

Disposal of Contaminated Containers or Packaging

Dispose of contents/container in accordance with local/regional/national/international regulations.

*** Section 14 - Transportation Information ***

DOT Information

Shipping Name: Not Regulated.

*** Section 15 - Regulatory Information ***

Regulatory Information

US Federal Regulations

Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

State Regulations

Component Analysis - State

None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

Additional Regulatory Information

None

*** Section 16 - Other Information ***

Key/Legend

ACGIH = American Conference of Governmental Industrial Hygienists; ADG = Australian Code for the Transport of Dangerous Goods by Road and Rail; ADR/RID = European Agreement of Dangerous Goods by Road/Rail; AS = Standards Australia; DFG = Deutsche Forschungsgemeinschaft; DOT = Department of Transportation; DSL = Domestic Substances List; EEC = European Economic Community; EINECS = European Inventory of Existing Commercial Chemical Substances; ELINCS = European List of Notified Chemical Substances; EU = European Union; HMIS = Hazardous Materials Identification System; IARC = International Agency for Research on Cancer; IMO = International Maritime Organization; IATA = International Air Transport Association; MAK = Maximum Concentration Value in the Workplace; NDSL = Non-Domestic Substances List; NFPA = National Fire Protection Association; NOHSC = National Occupational Health & Safety Commission; NTP = National Toxicology Program; STEL = Short-term Exposure Limit; TDG = Transportation of Dangerous Goods; TLV = Threshold Limit Value; TSCA = Toxic Substances Control Act; TWA = Time Weighted Average

Literature References

Available on request.

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Other Information

Disclaimer: The information contained in this document has been compiled from sources considered to be reliable, and are provided in good faith to assist our customers; however, JENNCHEM makes no representation as to its completeness or accuracy. The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with other materials. It is the user's responsibility to determine the suitability of this material for specific use, and adopt safety precautions as necessary. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for their own intended use.

It is the user's responsibility to assure that all persons coming into contact with this product are made aware of the information contained within this document.

End of Sheet