

# Material Safety Data Sheet

Phoenix 27-A Water Dispersible Pipe Joint Lubricant

Date of Preparation: August 1998

## Section 1 — Chemical Product and Company Identification

Product/Chemical Name: Phoenix 27-A Water Dispersible Pipe Joint Lubricant

Chemical Formula: 88-6

Manufacturer:

JTM Products, Inc.,

9505 Cassius Avenue,

Cleveland, OH 44105,

Phone (216) 341-2212

Fax: (216) 341-2214

(CHEM-TEL 24-hour emergency: (800) 255-3924)

## Section 2 — Composition / Information on Ingredients

Blend of soap and non-toxic ingredients to lower freezing point.

## Section 3 — Hazards Identification

\* \* \* Emergency Overview \* \* \*

### Potential Health Effects

Primary Entry Routes: Not hazardous

Carcinogenicity: IARC, NTP, and OSHA do not list the ingredients in Phoenix 27-A Water Dispersible Pipe Joint Lubricant as carcinogens.

HMIS
H 1
F 0
R 0
PPE†
†Sec
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## Section 4 — First Aid Measures

Eye Contact: Flush with copious volumes of water for 15 minutes while holding eyelids open.

Skin Contact: Wash with water.

*If irritation persists, call a physician.*

NFPA



## Section 5 — Fire-Fighting Measures

Flash Point: >220°F (>104°C)

LEL: NA

Flash Point Method: NA, contains water

UEL: NA

Autoignition Temperature: NA

Flammability Classification: 0

Extinguishing Media: Water, water fog, alcohol foam, carbon dioxide or dry chemical are all suitable.

Unusual Fire or Explosion Hazards: None

Hazardous Combustion Products: None

Fire-Fighting Instructions: Do not release runoff from fire control methods to sewers or waterways.

Fire-Fighting Equipment: Because fire may produce toxic thermal decomposition products, wear a self-contained breathing apparatus (SCBA) with a full facepiece operated in pressure-demand or positive-pressure mode.

## Section 6 — Accidental Release Measures

Spill/Leak Procedures: This product is a biodegradable soap.

Containment: For large spills, dike far ahead of spill for later disposal.

Cleanup: Place the bulk of any spilled material into drums, then rinse any remaining material to sewage treatment facility, in accordance with any applicable regulations.

Regulatory Requirements: Follow applicable OSHA regulations (29 CFR 1910.120).

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## Section 7 — Handling and Storage

Handling Precautions: No special precautions are required.

Storage Requirements: No special precautions are required.

Regulatory Requirements: No known regulatory requirements for handling and storage.

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## Section 8 — Exposure Controls / Personal Protection

Engineering Controls:

Ventilation: Provide general or local exhaust ventilation systems.

Administrative Controls:

Respiratory Protection: If respirators are used, OSHA requires a written respiratory protection program that includes at least: medical certification, training, fit-testing, periodic environmental monitoring, maintenance, inspection, cleaning, and convenient, sanitary storage areas.

Protective Clothing/Equipment: Wear chemically protective gloves to prevent prolonged or repeated skin contact. Wear protective eyeglasses or chemical safety goggles, per OSHA eye- and face-protection regulations (29 CFR 1910.133). Contact lenses are not eye protective devices. Appropriate eye protection must be worn instead of, or in conjunction with contact lenses.

Safety Stations: Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.

Contaminated Equipment: Launder before reuse. Remove this material from your shoes and clean personal protective equipment.

Comments: Never eat, drink, or smoke in work areas. Practice good personal hygiene after using this material, especially before eating, drinking smoking, using the toilet, or applying cosmetics.

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## Section 9 — Physical and Chemical Properties

Physical State: Paste

Appearance and Odor: amber paste, bland odor

Odor Threshold: NA

Vapor Pressure: NA

Vapor Density (Air=1): NA

Formula Weight: NA (blend)

Density: 8.3 lbs./gal.

Specific Gravity (H<sub>2</sub>O)=1, at 4°C): 1.0

pH: 11

Water Solubility: complete solubility in water

Boiling Point: >220°F

Freezing/Melting Point: <32°F

Viscosity: viscous paste

Refractive Index: unknown

Surface Tension: unknown

% Volatile: 55

Evaporation Rate: NA

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## Section 10 — Stability and Reactivity

Stability: Phoenix 27-A Water Dispersible Pipe Joint Lubricant is stable at room temperature in closed containers under normal storage and handling conditions.

Polymerization: Hazardous polymerization will not occur.

**Chemical Incompatibilities:**

Conditions to Avoid: Reactive alloys such as aluminum, brass, bronze. Also avoid contact with strong oxidizing agents.

Hazardous Decomposition Products: Thermal oxidative decomposition of Phoenix 27-A Water Dispersible Pipe Joint Lubricant can produce oxides of carbon and nitrogen.

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**Section 11 — Toxicological Information**

Eye Effects: Eye irritant.

Skin Effects: Slight skin irritant if allowed to remain in contact.

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**Section 12 — Ecological Information**

Ecotoxicity:

Environmental Fate:

Environmental Transport: Unknown.

Environmental Degradation: Soaps are well known to be biodegradable.

Soil Absorption/Mobility: Unknown.

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**Section 13 — Disposal Considerations**

Disposal: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, State, and local regulations.

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**Section 14 — Transport Information**

Not hazardous under DOT regulations.

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**Section 15 — Regulatory Information**

EPA Regulations: None apply.

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**Section 16 — Other Information**

Prepared by: B. Noragon

Approved by: B. Roll

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