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.

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.

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).

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.

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.

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 (H2O)=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

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.

Section 11 — Toxicological Information
Eye Effects: Eye irritant.
Skin Effects: Slight skin irritant if allowed to remain in contact.

Section 12 — Ecological Information
Ecotoxicity:
Environmental Fate:
Environmental Transport: Unknown.
Environmental Degradation: Soaps are well known to be biodegradable.
Soil Absorption/Mobility: Unknown.

Section 13 — Disposal Considerations
Disposal: Contact your supplier or a licensed contractor for detailed recommendations. Follow applicable Federal, State, and local regulations.

Section 14 — Transport Information
Not hazardous under DOT regulations.

Section 15 — Regulatory Information
EPA Regulations: None apply.

Section 16 — Other Information
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