

**Safety Data Sheet**  
**Bio-Dry Pump**

**SECTION I - IDENTIFICATION**

**PRODUCT NAME:** BIO-DRY PUMP  
**PRODUCT CODE:** 4107  
**PRODUCT USE:** Brake Cleaner  
**COMPANY NAME:** Superco Specialty Products  
**COMPANY ADDRESS:** 25041 Anza Drive, Valencia, CA 91355  
**COMPANY PHONE:** 1-800-320-0102  
**EMERGENCY PHONE:** 800-255-3924



**SECTION II – HAZARDS IDENTIFICATION**

**CLASSIFICATION:** Flammable Liquid: Category 2  
Skin Irritant: Category 2  
Eye Irritant: Category 2A  
Specific Target Organ Toxicity (Single Exposure): Category 3  
Aspiration Hazard: Category 1

**HAZARD STATEMENT(S): DANGER:** Highly flammable liquid and vapor. Causes skin and serious eye irritation. May cause respiratory irritation. May be fatal if swallowed and enters airways.

This product contains the following percentage of chemicals of unknown toxicity: 0%

**PRECAUTIONARY STATEMENTS:** Keep away from heat, sparks, open flames, and hot surfaces. –No smoking. Keep container tightly closed. Wear protective gloves and eye protection. If on skin (or hair): Take off immediately all contaminated clothing and wash it before reuse. Rinse skin with water or shower. If skin irritation occurs: Get medical advice or attention. 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 or attention. If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting. In case of fire use dry chemical, foam, or carbon dioxide. Store in a well-ventilated place. Keep container tightly closed and cool. Store locked up. Dispose of contents and container in accordance with local, state, and national regulations. Wash hands thoroughly after handling. Avoid breathing fumes, mist, or vapors. Use only outdoors or in a well-ventilated area. If inhaled: Remove person to fresh air and keep comfortable for breathing. Call a poison center or doctor if you feel unwell.

For large quantities: Ground or bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.



**SYMBOL:**

**HAZARDS NOT OTHERWISE CLASSIFIED:** N/A

**SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS**

<b>HAZARDOUS INGREDIENT</b>	<b>CAS NUMBER</b>	<b>PERCENT</b>
Acetone	67-64-1	50-70%
Aliphatic petroleum distillate	64742-89-8	20-30%
Heptane	142-82-5	20-30% %

**SECTION IV - FIRST AID MEASURES**

**EYES:** 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 or attention.

**INGESTION:** If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.

**INHALATION:** Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists.

**SKIN:** If on skin: Wash with plenty of water. If skin irritation occurs: get medical attention.

**ACUTE HEALTH HAZARDS:**

Inhalation: irritation of the respiratory tract, headache, nausea, dizziness, drowsiness, weakness, and fatigue

Eye: stinging, tearing, redness

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Oral: aspiration risk

Skin: irritation, prolonged or repeated contact may dry skin

**CHRONIC HEALTH HAZARDS:** Skin disorders, drying and irritation of the skin.

**NOTE TO PHYSICIAN:** If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately.

### SECTION V – FIRE-FIGHTING MEASURES

**EXTINGUISHING MEDIA:** Dry chemical, foam, or Carbon Dioxide (CO<sub>2</sub>).

**UNSUITABLE EXTINGUISHING MEDIA:** Water spray/stream.

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers. Shut off all sources of ignition.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Keep away from heat/sparks/open flames/hot surfaces. No smoking. May develop a flammable atmosphere in confined areas.

### SECTION VI – ACCIDENTAL RELEASE MEASURES

**PERSONAL PROTECTIVE EQUIPMENT:** Refer to section VIII for proper Personal Protective Equipment.

**SPILL:** Clean up with non-combustible material like vermiculite, sand or earth. If many cans are opened remove ignition sources. Prevent spill from entering sewers, storm drains, and natural waterways.

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

**RCRA STATUS:** Waste likely considered D001, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

### SECTION VII – HANDLING AND STORAGE

**HANDLING AND STORAGE:** Keep container tightly closed. Use only non-sparking tools. Take precautionary measures against static discharge. Store in a well ventilated place. Keep cool. Wear protective gloves and eye protection.

**OTHER PRECAUTIONS:** Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warning and precautions listed for the product.

**INCOMPATIBILITY:** Oxidizers, heat, sparks, open flame, and energized equipment.

### SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Acetone	1000 ppm	500 ppm
Aliphatic petroleum distillate	500 ppm	300 ppm
Heptane	400 ppm	400 ppm

**ENGINEERING CONTROLS / VENTILATION:** Use only in well ventilated areas. Forced ventilation required. Local exhaust preferred to general.

**RESPIRATORY PROTECTION:** Use only in well ventilated areas. If exposure levels are exceeded then organic vapor cartridge respirator or SCBA will be needed.

**PERSONAL PROTECTIVE EQUIPMENT:** Safety glasses and chemical resistant gloves

**ADDITIONAL MEASURES:** Wash hands thoroughly after handling.

### SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE:** Clear Liquid

**ODOR:** Solvent

**ODOR THRESHOLD:** N/D

**BOILING POINT:** N/D

**FREEZING POINT:** N/D

**FLAMMABILITY:** Highly Flammable Liquid

**FLASH POINT:** N/D

**AUTOIGNITION TEMPERATURE:** N/D

**LOWER FLAMMABILITY LIMIT:** N/A

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**UPPER FLAMMABILITY LIMIT:** N/A  
**VAPOR PRESSURE (mm Hg):** N/D  
**VAPOR DENSITY (AIR=1):** N/D  
**EVAPORATION RATE:** N/D  
**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 0.75  
**pH:** N/A  
**SOLIDS (%):** N/D  
**SOLUBILITY IN WATER:** N/D  
**PARTITION COEFFICIENT: n-OCTANOL/WATER (K<sub>ow</sub>):** N/D  
**VOLATILITY INCLUDING WATER (%):** 100 %  
**VOLATILE ORGANIC COMPOUNDS (VOC):** 45%  
**DIELECTRIC STRENGTH (Volts):** N/D  
**DECOMPOSITION TEMPERATURE:** N/D  
**VISCOSITY:** N/D

**SECTION X – STABILITY AND REACTIVITY DATA**

**REACTIVITY:** Heating or exposure to incompatible materials may cause fire or explosion.  
**CHEMICAL STABILITY:** Stable under normal conditions.  
**CONDITIONS TO AVOID:** Isolate from oxidizers, heat, sparks, electric equipment, and open flame.  
**INCOMPATIBILITY:** Oxidizers, heat, sparks, open flame, and energized equipment.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** Oxides of carbon  
**POSSIBLE HAZARDOUS REACTIONS:** None Known

**SECTION XI – TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:** **Acetone** (67-64-1) LD<sub>50</sub> (Oral, Rabbit) 5340 mg/kg, LC<sub>50</sub> (Inhalation, Cat) 2100 ppm, LD<sub>50</sub> (Dermal, Rabbit) 20,000 mg/kg; **Aliphatic Petroleum Distillate** (64742-89-8) LC<sub>50</sub> (Inhalation, Rat) 3400 ppm; **Heptane** (142-82-5) LD<sub>50</sub> (Oral, Rat) 15,000 mg/kg, LC<sub>50</sub> (Inhalation, Rat, 4hr) 103 g/m<sup>3</sup>, LD<sub>50</sub> (Dermal, Rabbit) 2,000 mg/kg  
**ROUTES OF ENTRY:** Eyes, Ingestion, Inhalation, Skin  
**EYES:** Causes irritation, redness, tearing, pain, blurred vision.  
**INGESTION:** May be harmful or fatal if swallowed. Nausea, vomiting, headaches, abdominal pain, diarrhea, dizziness, pulmonary edema, unconsciousness or death  
**INHALATION:** Anesthetic. Irritates respiratory tract. Acute overexposure can cause serious nervous system depression. Vapor harmful.  
**SKIN:** Brief contact is not typically irritating. May cause irritation, dryness, redness, localized defatting with prolonged or repeated contact.  
**MEDICAL CONDITION AGGRAVATED:** Asthma, bronchitis, emphysema and other lung diseases and chronic nose, sinus or throat conditions. Skin irritation may be aggravated in individuals with existing skin disorders.  
**ACUTE HEALTH HAZARDS:**  
Inhalation: irritation of the respiratory tract, dizziness, drowsiness, weakness, and fatigue  
Eye: stinging, tearing, redness  
Oral: aspiration risk  
Skin: prolonged or repeated contact may dry skin  
**CHRONIC HEALTH HAZARDS:** Skin disorders, drying and irritation of the skin.  
**CARCINOGENICITY:** OSHA: No ACGIH: No NTP: No IARC: No OTHER: No

**SECTION XII – ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:** **Acetone** (67-64-1) LC<sub>50</sub> (Mosquito Fish, 48 hrs) 13,000 mg/L  
**BIODEGRADABILITY:** Component or components of this product are not biodegradable.  
**BIOACCUMULATION:** This product is not expected to bioaccumulate.  
**SOIL MOBILITY:** This product is mobile in soil.  
**OTHER ECOLOGICAL HAZARDS:** This material is toxic to aquatic life.

**SECTION XIII – DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:** Dispose of in accordance with federal, state, and local regulations. Do not dump in sewers. Wrap container and place in trash collection, do not puncture, incinerate, or reuse container.

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**RCRA STATUS:** Waste likely considered D001, under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

**SECTION XIV - TRANSPORTATION INFORMATION**

**PROPER SHIPPING NAME:** Flammable Liquid, N.O.S., (Acetone, Heptane), LTD QTY  
**HAZARD CLASS/DIVISION:** 3  
**UN/NA NUMBER:** UN 1993  
**PACKAGING GROUP:** II

**SHIPPING BY WATER:**

**VESSEL (IMO/IMDG)**

**PROPER SHIPPING NAME:** Flammable Liquid, N.O.S., (Acetone, Heptane), LTD QTY

**HAZARD CLASS/DIVISION:** 3

**UN/NA NUMBER:** UN 1993

**ENVIRONMENTAL HAZARDS WATER:** Marine Pollutant

**AIR SHIPMENT**

**PROPER SHIPPING NAME:** Flammable Liquid, N.O.S., (Acetone, Heptane)

**HAZARD CLASS/DIVISION:** 3

**UN/NA NUMBER:** UN 1993

**SECTION XV - REGULATORY INFORMATION**

**TSCA STATUS:** All Chemicals are listed or exempt.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** None

**SARA 311/312 HAZARD CATEGORIES:** Acute Health, Fire

**SARA 313 REPORTABLE INGREDIENTS:** none

**STATE REGULATIONS:** This product contains no chemicals known to the State of California to cause cancer or reproductive toxicity.

**INTERNATIONAL REGULATIONS:** All components are listed or exempted.

<b>NFPA HEALTH:</b>	1	<b>HMIS HEALTH:</b>	1
<b>NFPA FLAMMABILITY:</b>	3	<b>HMIS FLAMMABILITY:</b>	3
<b>NFPA REACTIVITY:</b>	0	<b>HMIS REACTIVITY:</b>	0
<b>NFPA OTHER:</b>	None	<b>HMIS PROTECTION:</b>	B

**SECTION XVI - ADDITIONAL INFORMATION**

**PREPARATION BY:** Greg Sandlin

**DATE PREPARED:** 01/04/2016

**REVISION DATE:** 01/04/2016

N/A = Not Applicable; N/D = Not Determined

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