

SAFETY DATA SHEET

SECTION I - IDENTIFICATION

PRODUCT NAME: Power Clean
PRODUCT CODE: PC
PRODUCT USE: Condenser Coil Cleaner
COMPANY NAME: Vapco Products, Inc.
COMPANY ADDRESS: 401 Marshall Road, Valley Park, MO 63088
COMPANY PHONE: 636-923-2121
EMERGENCY PHONE: 800-255-3924

SECTION II – HAZARDS IDENTIFICATION

CLASSIFICATION: Skin Corrosive: Category 1B; Eye Damage: Category 1
PERMISSIBLE EXPOSURE LIMITS: Not established for this product. See Section VIII for Component PELs and TLVs.

HAZARD STATEMENT(S):

EFFECTS OF ACUTE OVEREXPOSURE:

Eyes: Exposure to liquid, vapor, or mist may cause mild eye irritation. Symptoms may include stinging, tearing, redness, and swelling.

Skin: Exposure may cause mild skin irritation. Symptoms may include: redness, itching, and defatting. Skin absorption is possible but harmful effects are unlikely.

Breathing: Exposure to vapor or mist may cause mild irritation. Prolonged or repeated exposure may cause irritation to the respiratory tract including the nose, throat, and airways, and central nervous system depression including dizziness, weakness, fatigue, nausea, headache, and unconsciousness.

Swallowing: Exposure may cause gastrointestinal irritation including nausea, vomiting and diarrhea.

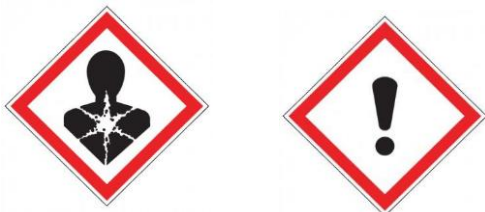
Primary Route(s) of Entry: Skin contact, eye contact, and inhalation.

EFFECTS OF CHRONIC OVEREXPOSURE:

None known. The component in this material is not listed as a carcinogen by IARC, NTP, OSHA, or ACGIH.

Medical Conditions Aggravated by Exposure: Skin contact may aggravate existing dermatitis or other significant skin conditions. Inhalation may adversely affect existing respiratory concerns.

SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

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SECTION III – COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	PERCENT
Sodium xylenesulphonate (SXS)-40%	1300-72-7	9 - 10%
Tetrapotassium Pyrophosphate (TKPP)	7320-34-5	4 - 5%
Sodium Metasilicate	6834-92-0	< 3%
Polyaspartic Acid Sodium Salt (soln)	181828-06-8	< 1%
NP-9 9-Mole Surfactant	Mixture	< 2%
Benzenesulfonic Acid, Dodecyl-, Sodium Salt; (Sodium Dodecylbenzenesulfonate)	Mixture	4 - 5%

SECTION IV - FIRST AID MEASURES

EYES: Immediately remove individual from exposure area and into fresh air. Flush eyes with water for at least 15 minutes while holding eyelids apart. Seek medical attention.

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

INHALATION: If affected, remove individual to fresh air. If breathing is difficult, administer oxygen (if you have been trained in its use). If breathing has stopped give artificial respiration. Keep person warm, quiet and get medical attention. If possible do not leave person unattended.

SKIN: Remove contaminated clothing. Wash exposed area with large amounts of soap and water. If skin irritation symptoms develop, seek medical attention.

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

NOTE TO PHYSICIAN: The absence of visible signs or symptoms of burns does not reliably exclude the presence of actual tissue damage.

SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Regular foam, CO2, Dry Chemical, and Water spray.

EXPLOSIVE LIMIT: Not determined

UNSUITABLE EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: Wear Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS: This product contains a large amount of water and will not burn under normal firefighting conditions.

SECTION VI – ACCIDENTAL RELEASE MEASURES

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

SMALL SPILL: Absorb liquid with vermiculite, floor absorbent, or other absorbent material. Ventilate area well before re-entry. Appropriate personal protective equipment should be worn. Do not allow to drain into sewers or storm drains. Dispose of in accordance with local, state and federal regulations.

LARGE SPILL: Only personnel trained in spill clean-up under 29 CFR 1910.120 should be involved with spill

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clean-up procedures. Prevent material from entering drains, sewers, streams, or other bodies of water. Prevent from spreading. If run-off occurs notify appropriate authorities as required. Pump or vacuum transfer spilled product to clean containers for recovery. Absorb unrecoverable product on absorbent materials. Transfer contaminated absorbent and other materials to container for disposal. Follow Local, State, and Federal regulations for proper disposal.

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Do not reuse container and recycle or place in trash collection. Drums and pails should be offered for recycling.

RCRA STATUS: Product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Minimize temperature extremes. Keep containers closed when not in use. Do not transfer to unmarked containers. Loosen closure carefully. Avoid freezing or excessive heat.

INCOMPATIBILITY: Strong oxidizing materials

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS / VENTILATION: Provide sufficient mechanical ventilation (general and/or local exhaust).

RESPIRATORY PROTECTION: Not required under normal conditions of use; however, if sprayed or used in confined areas, a NIOSH / MSHA approved respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH / MSHA respirators under specified conditions -- see 29 CFR 1910.134 or your safety equipment supplier. Engineering and/or administrative controls should be implemented to reduce exposure.

PERSONAL PROTECTIVE EQUIPMENT: Wear chemical resistant gloves such as n-butyl rubber, rubber, or neoprene. Contact your safety equipment supplier. Wear chemical splash goggles in compliance with OSHA regulations are advised. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Green Liquid

ODOR THRESHOLD: N/D

BOILING POINT: 212 °F @ 760 mmHg (component)

FREEZING POINT: N/D

FLAMMABILITY: Not considered a flammable liquid by OSHA (29CFR 1910.1200)

FLASH POINT: 212°F (TCC)

AUTOIGNITION TEMPERATURE: N/D

LOWER FLAMMABILITY LIMIT: N/D

UPPER FLAMMABILITY LIMIT: N/D

VAPOR PRESSURE (mm Hg): Not established for product

VAPOR DENSITY (AIR= 1) : >1

EVAPORATION RATE: Slower than Ether

SPECIFIC GRAVITY (H2O= 1) : >1 @ 68°F (component)

pH: Not available

SOLIDS (%): N/D

SOLUBILITY IN WATER: Soluble

PARTITION COEFFICIENT: n-OCTANOL/WATER (Kow): N/D

VOLATILITY INCLUDING WATER (%): N/D

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VOLATILE ORGANIC COMPOUNDS (VOC) : >80%
DIELECTRIC STRENGTH (Volts): N/A
DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY DATA

REACTIVITY: Strong oxidizing materials
CHEMICAL STABILITY: Stable
CONDITIONS TO AVOID: Do not mix with any products.
INCOMPATIBILITY: Avoid contact with strong oxidizing materials.
HAZARDOUS DECOMPOSITION PRODUCTS: None known.
POSSIBLE HAZARDOUS REACTIONS: Will not occur

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: SXS (1300-72-7) Acute aquatic toxicity (rainbow trout) (static) (96 hr): LC50 (Lethal Concentration) is estimated to be greater than 1000 mg/L (relatively harmless). Acute aquatic toxicity (D.magna) (static) (48 hr): EC50 (Effective Concentration) is estimated to be greater than 1000 mg/L (relatively harmless). Acute aquatic toxicity (freshwater algae) (static) (48 hr): EC50 is greater than 230 mg/kg (practically non-toxic to algae). **TKPP (7320-34-5)** LD50 Mouse: 2000 mg/kg. **Calsoft L-40** (mixture) LC50 Mixture: LD50: (ORAL, RAT) 1260 MG/KG. **NP-9** (mixture) Ecotoxicity to Micro-organisms: Bacterial/NA LC50 > 5000 mg/l Ecotoxicity to Aquatic Invertebrates: Daphnia LC50 48 h 21.4

ROUTES OF ENTRY: Skin contact, eye contact, and inhalation.
EYES: Causes severe burns, stinging, redness, tearing, and swelling. Burning may not be immediately painful or visible.
INGESTION: Causes gastrointestinal irritation, nausea, vomiting, abdominal cramps.
INHALATION: Causes irritation to the respiratory tract, coughing, shortness of breath.
SKIN: Causes drying and irritation of the skin.
MEDICAL CONDITION AGGRAVATED: Pre-existing disorders of the skin, respiratory system, and eyes will be aggravated by over exposure.
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: SXS (1300-72-7) Acute aquatic toxicity (rainbow trout) (static) (96 hr): LC50 (Lethal Concentration) is estimated to be greater than 1000 mg/L (relatively harmless). Acute aquatic toxicity (D.magna) (static) (48 hr): EC50 (Effective Concentration) is estimated to be greater than 1000 mg/L (relatively harmless). Acute aquatic toxicity (freshwater algae) (static) (48 hr): EC50 is greater than 230 mg/kg (practically non-toxic to algae). **TKPP (7320-34-5)** LD50 Mouse: 2000 mg/kg. **Calsoft L-40** (mixture) LC50 Mixture: LD50: (ORAL, RAT) 1260 MG/KG. **NP-9** (mixture) Ecotoxicity to Micro-organisms: Bacterial/NA LC50 > 5000 mg/l Ecotoxicity to Aquatic Invertebrates: Daphnia LC50 48 h 21.4 mg/l Ecotoxicity to Fish: Fathead Minnow LC50 96 h 6.6 mg/l

BIODEGRADABILITY: This product is biodegradable.
BIOACCUMULATION: This product is not expected to bioaccumulate.
SOIL MOBILITY: This product is mobile in soil.
OTHER ECOLOGICAL HAZARDS: None Known

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SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Containers used to transport and store this material may be hazardous when emptied. Residue (Vapor, Liquid, and/or Solid) may be present in the emptied container. All hazard precautionary measures should be followed.

RCRA STATUS: Product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORTATION INFORMATION

DOT Hazard Classification: None required

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

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

SARA Title III, Section 313 chemicals: None known.

SARA Title III, Section 312: Health Acute (Yes) Chronic (No) Fire (No) Reactivity (No)

STATE REGULATIONS: California Proposition 65: None

INTERNATIONAL REGULATIONS: All components are listed or exempted.

NFPA HEALTH: 1

HMIS HEALTH: 1

NFPA FLAMMABILITY: 0

HMIS FLAMMABILITY: 0

NFPA REACTIVITY: 0

HMIS REACTIVITY: 0

SECTION XVI - ADDITIONAL INFORMATION

PREPARATION BY:

DATE PREPARED: 07/27/2016

REVISION DATE:

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

DISCLAIMER: To the best of our knowledge, information contained herein is accurate. However there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.