



Recovery Systems, Inc.

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MATERIAL SAFETY DATA SHEET

PWF-10

EMERGENCY TELEPHONE NUMBER: (800) 424-9300

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SECTION 1, PRODUCT IDENTIFICATION

PRODUCT NAME OR NUMBER.....PWF-10
TRADE NAME OR CHEMICAL NAME.....PWF-10
SYNONYMS.....None
FORMULA.....Proprietary
CHEMICAL FAMILY.....Cleaner
MOLECULAR WEIGHT.....N/A
NFPA.....See Section 8
HMIS RATING.....See Section 8

SECTION 2, HAZARDOUS INGREDIENTS AND HAZARD DATA

CHEMICAL NAME	CAS NUMBER	%WT	TLV-ACGIH	PEL-OSHA	SEC.313	NTP	IARC	PROP.65
Tetraoctylammonium Pyrophosphate	7320-34-5	<5	N/A	N/A	No	N/A	N/A	No

SECTION 3, REGULATORY DATA

NTP.....NATIONAL TOXICOLOGY PROGRAM
IARC.....INTERNATIONAL AGENCY FOR RESEARCH ON CANCER
PROPOSITION 65.....THIS PRODUCT DOES NOT CONTAIN INGREDIENTS ON THE LIST OF PROPOSITION 65. STATE OF CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986.
SECTION 313, SARA TITLE III.....THE CHEMICAL(S) MARKED WITH A "YES" ON SECTION 313 ARE SUBJECT TO THE REPORTING REQUIREMENTS OF THIS SECTION.

SECTION 4, PHYSICAL DATA

BOILING/MELTING POINT.....>212°F
Ph.....7.0-9.0
PERCENT VOLATILE BY WEIGHT (%).... 98
SPECIFIC GRAVITY OR BULK DENSITY..1.043
SOLUBILITY IN WATER..... COMPLETE
ODOR.....LIGHT CHERRY SCENTED

SECTION 5, FIRE AND EXPLOSION HAZARD DATA

FLASH POINT OF..... N/A
AUTOIGNITION TEMPERATURE..... N/A
FLAMMABILITY LIMITS IN AIR (%V)..... NOT DETERMINED
EXTINGUISHING MEDIA..... WATER, CARBON DIOXIDE, FOAM, DRY CHEMICAL
SPECIAL FIRE FIGHTING PROCEDURES.... WEAR SELF-CONTAINED BREATHING APPARATUS & FULL PROTECTIVE EQUIPMENT.
UNUSUAL FIRE & EXPLOSION HAZARDS..EXTINGUISH ALL NEARBY SOURCES OF IGNITION.

SECTION 10, SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION.....NOT NEEDED

VENTILATION:

LOCAL EXHAUST.....NEEDED

PROTECTIVE CLOTHING.....SAFETY GLASSES, NEOPRINE OR RUBBER GLOVES

SECTION 11, ENVIRONMENTAL DATA

ENVIRONMENTAL TOXICITY DATA.....NONE

SPILL OR LEAK PROCEDURES.....CONTAIN, COLLECT AND DISPOSE PER LOCAL, STATE AND FEDERAL REGULATIONS.

WASTE DISPOSAL METHODS.....PER LOCAL, STATE AND FEDERAL REGULATIONS.

CONTAINER DISPOSAL.....PER LOCAL, STATE AND FEDERAL REGULATIONS.

SECTION 12, SHIPPING DATA

D.O.T. PROPER SHIPPING NAME.....NOT REGULATED

HAZARDOUS SUBSTANCES 49CFR CERCLA.....NONE

D.O.T. HAZARD CLASS.....NONE

D.O.T. LABELS REQUIRED.....NONE

D.O.T. PLACARDS REQUIRED.....NONE

POISON CONSTITUENT.....NONE

BILL OF LADING DESCRIPTION.....PWF-10

PACKING GROUP.....NONE

UN/NA CODE.....NONE

SECTION 13, SUPPLIER INFORMATION

Worldwide Recovery Systems, Inc supplies PWF-10. For additional information call (909) 865-2281

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SECTION 6, HEALTH HAZARD DATA - EFFECTS OF OVEREXPOSURE

THRESHOLD LIMIT VALUE.....SEE SECTION 2.

SIGN AND SYMPTOMS OF EXPOSURE

EYES.....DIRECT CONTACT WITH CONCENTRATED PRODUCT MAY CAUSE MODERATE IRRITATION AND TEARING
 SKIN.....REPEATED OR PROLONGED CONTACT MAY CAUSE IRRITATION
 INHALATION.....INHALATION OF HIGH MIST CONCENTRATIONS MAY BE IRRITATING TO THE THROAT.
 INGESTION.....MAY CAUSE SOME NAUSEA, VOMITING, DIARRHEA & PAIN
 CHRONIC OVEREXPOSURE.....NONE KNOWN.

SECTION 7, EMERGENCY AND FIRST AID PROCEDURES

INHALATION.....MOVE VICTIM TO FRESH AIR AND OBTAIN MEDICAL HELP
 EYES.....FLUSH EYES WITH A LARGE AMOUNT OF WATER FOR AT LEAST 15 MINUTES. CONSULT A PHYSICIAN IF IRRITATION PERSISTS.
 SKIN.....WASH AFFECTED SKIN AREAS WITH WATER. CONSULT PHYSICIAN IF IRRITATION PERSISTS.
 INGESTION.....NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER. GET MEDICAL ATTENTION AS SOON AS POSSIBLE.

SECTION 8, HMIS RATING SYSTEM

HMIS RATING

HEALTH HAZARD.....1
 FIRE HAZARD.....0
 REACTIVITY.....0
 PERSONAL PROTECTION.....SEE SECTION 10

NFPA



SECTION 9, REACTIVITY DATA

PRODUCT STABILITY.....STABLE
 CONDITIONS TO AVOID.....EXTREME HEAT, SPARKS, OPEN FLAME
 CHEMICAL INCOMPATIBILITY.....STRONG ACID, ACID VAPOR. MAY PRODUCE CARBON MONOXIDE OR CARBON DIOXIDE.
 HAZARDOUS DECOMPOSITION PRODUCTS.....N/D
 HAZARDOUS POLYMERIZATION.....WILL NOT OCCUR
 CORROSIVE TO METAL.....NO
 OXIDIZER.....NO