

PRE-FER

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PRODUCT NAME: PRE-FER

TRADE SECRET REGISTRY #307554-5119P

HMIS CODES: H F R P

UN NUMBER : N/A

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===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: PARISER INDUSTRIES

ADDRESS : 91 MICHIGAN AVE
PATERSON, NJ 07503

EMERGENCY PHONE : 800-424-9300

DATE PRINTED : 07/15/03

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NAME OF PREPARER : ENVIRONMENTAL DEPARTMENT

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
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*** NO REPORTABLE QUANTITIES OF HAZARDOUS INGREDIENTS ARE PRESENT ***

*** No toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372 are present. ***

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

pH 1% SOLUTION : 10.4

BOILING RANGE: n/a

SPECIFIC GRAVITY (H2O=1): 1.56

VAPOR DENSITY: N/A

EVAPORATION RATE: N/A

COATING V.O.C.: NOT APPLICABLE

MATERIAL V.O.C.: NOT APPLICABLE

SOLUBILITY IN WATER: SOLUBLE

APPEARANCE AND ODOR: WHITE ODORLESS POWDER

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

FLASH POINT : N/A

METHOD USED: n/a

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: n/a

UPPER: n/a

EXTINGUISHING MEDIA: FOR FIRES INVOLVING THIS PRODUCT, WATER SPRAY, CARBON DIOXIDE, FOAM OR DRY CHEMICAL MAY BE USED.

SPECIAL FIREFIGHTING PROCEDURES

WEAR NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS WHEN EITHER IN CONFINED AREAS OR EXPOSED TO COMBUSTION PRODUCTS. USE WATER TO COOL FIRE EXPOSED CONTAINERS.

UNUSUAL FIRE AND EXPLOSION HAZARDS

IRRITATING VAPOR MAY BE GENERATED. DUST MAY PRESENT EXPLOSION HAZARD.

===== SECTION V - REACTIVITY DATA =====

STABILITY: STABLE

CONDITIONS TO AVOID

CAN BE CORROSIVE TO ALUMINIUM SURFACES BECAUSE OF HIGH pH.

INCOMPATIBILITY (MATERIALS TO AVOID)

BECOMES CORROSIVE TO METALS WHEN WET

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

NONE KNOWN

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

===== SECTION VI - HEALTH HAZARD DATA =====

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
MAY CAUSE IRRITATION OF THE NOSE AND THROAT. HIGH CONCENTRATION MAY CAUSE
COUGHING AND CHOKING.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE
DUST MAY CAUSE MILD IRRITATION. DRY PRODUCT CAN CAUSE TISSUE DESTRUCTION AND
PERMANENT EYE DAMAGE IF NOT TREATED.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
NONE DETERMINED

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
CORROSIVE TO MUCOUS MEMBRANES OF THE MOUTH, THROAT, ESOPHAGUS AND STOMACH. MAY
CAUSE PERFORATION OF THE ESOPHAGUS OR STOMACH. LARGE AMOUNTS MAY CAUSE NAUSEA,
VOMITING, CRAMPS, ABDOMINAL PAIN, DIARRHEA AND SEVERE INFLAMMATION OF THE
STOMACH AND INTESTINAL TRACT.

HEALTH HAZARDS (ACUTE AND CHRONIC)
THE CHRONIC LOCAL EFFECT MAY CONSIST OF MULTIPLE AREAS OF SUPERFICIAL
DESTRUCTION OF THE SKIN OR OF PRIMARY IRRITANT DERMATITIS. SIMILARLY,
INHALATION OF SPRAY OR MISTS MAY RESULT IN VARYING DEGREES OF IRRITATION OR
DAMAGE TO THE RESPIRATORY TRACT TISSUES.

CARCINOGENICITY: NTP CARCINOGEN: No IARC MONOGRAPHS: No OSHA REGULATED: No

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
IN SOME CASES OF CONFIRMED HYPERTENSION, INGESTION MAY RESULT IN ELEVATED BLOOD
PRESSURE. (THIS APPLIES ONLY TO SALT-SENSITIVE INDIVIDUALS.) DERMATITIS AND
PRE-EXISTING RESPIRATORY CONDITIONS MAY BE AGGRAVATED.

EMERGENCY AND FIRST AID PROCEDURES
EYES: OBJECT IS TO FLUSH MATERIAL OUT IMMEDIATELY THEN SEEK MEDICAL ATTENTION.
IMMEDIATELY FLUSH EYES WITH LARGE AMOUNTS OF WATER FOR AT LEAST SEVERAL MINUTES
HOLDING LIDS APART TO ENSURE FLUSHING OF THE ENTIRE SURFACE. WASHING EYES
WITHIN 1 MINUTE IS ESSENTIAL TO ACHIEVE MAXIMUM EFFECTIVENESS. SEEK MEDICAL
ATTENTION IMMEDIATELY. SKIN: WASH WITH PLENTY OF WATER FOR 15 MINUTES. REMOVE
CONTAMINATED CLOTHING AND FOOTWEAR. WASH CLOTHING BEFORE REUSE. FOOTWEAR
SHOULD BE DECONTAMINATED BEFORE REUSE. SEEK MEDICAL ATTENTION IF SYMPTOMS ARE
PRESENT. INHALATION: GET PERSON OUT OF CONTAMINATED AREA TO FRESH AIR. IF
RESPIRATION STOPS, GIVE MOUTH-TO-MOUTH RESUSCITATION. SEEK MEDICAL ATTENTION IF
SYMPTOMS ARE PRESENT. INGESTION: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS
PERSON. IF SWALLOWED, DO NOT INDUCE VOMITING. GIVE LARGE QUANTITIES OF WATER.
(IF AVAILABLE, GIVE SEVERAL GLASSES OF MILK). IF VOMITING OCCURS SPONTANEOUSLY,
KEEP AIRWAY CLEAR. SEEK MEDICAL ATTENTION IMMEDIATELY.

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
IF MATERIAL IS SPILLED, SWEEP UP INTO SUITABLE DISPOSAL DRUM AND FLUSH AREA WITH
WATER.

WASTE DISPOSAL METHOD
IF MATERIAL CANNOT BE SALVAGED, THE PREFERRED METHOD OF DISPOSAL IS IN A SECURE
CHEMICAL LANDFILL IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL ENVIRONMENTAL
REGULATIONS.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING
DO NOT HANDLE UNLESS THE SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD.
AVOID EYE AND SKIN CONTACT. AVOID INHALATION OF DUST OR VAPORS. DO NOT
PUNCTURE, DRAG OR SLIDE CONTAINERS. DO NOT SMOKE IN ANY CHEMICAL HANDLING OR
STORAGE AREA. WASH HANDS BEFORE EATING.

STORE IN A COOL, DRY AND WELL-VENTILATED LOCATION. PROTECT FROM HUMIDITY. KEEP CONTAINERS TIGHTLY CLOSED. STORE AWAY FROM INCOMPATIBLE MATERIALS.

OTHER PRECAUTIONS

USE WITH ADEQUATE VENTILATION OR LOCAL EXHAUST FAN WHERE EXCESSIVE DUST MAY BE RELEASED INTO WORK ENVIRONMENT. DO NOT STORE CLOSE TO ACIDS. AVOID HUMID OR WET CONDITIONS AS PRODUCT WILL CAKE AND BECOME HARD. STORE IN A COOL, DRY WELL VENTILATED AREA. KEEP CONTAINER CLOSED WHEN NOT IN USE.

===== SECTION VIII - CONTROL MEASURES =====

RESPIRATORY PROTECTION

NIOSH/MSHA APPROVED RESPIRATOR FOR PARTICULATES. LOCAL EXHAUST, VENTILATE AS REQUIRED.

VENTILATION

GENERAL MECHANICAL VENTILATION OR LOCAL EXHAUST SHOULD BE SUITABLE TO KEEP VAPOR CONCENTRATIONS BELOW TLV. VENTILATION EQUIPMENT SHOULD BE EXPLOSION PROOF.

PROTECTIVE GLOVES

NORMAL WORK GLOVES ARE ADEQUATE.

EYE PROTECTION

EYE GLASSES OR GOGGLES SHOULD BE WORN IN DUSTY AREAS.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

PROTECTIVE CLOTHING MAY BE WORN IN DUSTY AREAS, BUT IS GENERALLY NOT REQUIRED.

WORK/HYGIENIC PRACTICES

WARM WATER SHOWERING AND HANDWASHING IS SUGGESTED AFTER WORKING IN EXTREMELY DUSTY AREAS. EYEWASH STATIONS ARE RECOMMENDED IN THE WORK AREA. THOROUGHLY WASH WITH SOAP AND WATER BEFORE HANDLING FOOD, SMOKING OR APPLYING MAKEUP. WASH CONTAMINATED CLOTHING AND DRY BEFORE REUSE.

===== SECTION IX - DISCLAIMER =====

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE, OBTAINED FROM SOURCES BELIEVED BY PARISER INDUSTRIES, INC., TO BE ACCURATE. AS WITH ALL CHEMICALS, KEEP AWAY FROM CHILDREN, ANIMALS, AND FOOD PRODUCTS. FOR INDUSTRIAL USE ONLY, USE AS DIRECTED.

===== SECTION X - UN CODE =====

N/A