

DE-LIME

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PRODUCT NAME: DE-LIME

TRADE SECRET REGISTRY #307554-5013P

HMIS CODES: H F R P

UN NUMBER : 8, UN1805, PGIII

2 0 1 C

===== 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

INFORMATION PHONE : 973-569-9090

NAME OF PREPARER : ENVIRONMENTAL DEPARTMENT

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

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE		WEIGHT PERCENT
		mm Hg	@ TEMP	
PHOSPHORIC ACID	7664-38-2	82	25 C	27.00
RODINE 1150	MIXTURE	N/A	N/A	1.00

*** 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 : 2.4 - 2.9

BOILING RANGE: 130-158

SPECIFIC GRAVITY (H2O=1): 1.14

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: CLEAR TO LIGHT STRAW COLOR; SWEET ODOR

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

FLASH POINT : 740øF

METHOD USED: TCC

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

UPPER: n/a

EXTINGUISHING MEDIA: USE EXTINGUISHING MEDIA APPROPRIATE FOR SURROUNDING FIRE.

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

N/A

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

STABILITY: STABLE

CONDITIONS TO AVOID

CONTACT WITH ALKALINE MATERIALS, REACTIVE METALS.

INCOMPATIBILITY (MATERIALS TO AVOID)

MILD STEEL AND ALUMINUM MAY REACT TO PRODUCE FLAMMABLE/EXPLOSIVE HYDROGEN GAS.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

AT FLAME TEMPERATURES, WILL EMIT TOXIC PHOSPHORUS OXIDE FUMES

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
IRRITANT, REDDENING OF SKIN. SKIN DAMAGE. SEVERE IRRITATION TO EYES.
FLUSH EYES AND SKIN WITH PLENTY OF WATER FOR A LEAST 15 MINUTES. CALL A
PHYSICIAN IF IRRITATION OCCURS

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)
HAS LOW ORAL AND MODERATE DERMAL TOXICITY. IT IS CORROSIVE TO THE EYES. SLIGHTLY
TOXIC WHEN INHALED. SLIGHTLY TOXIC WITH REPEATED INHALATION OR INGESTION.

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

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
MAY AGGRAVATE EXISTING SKIN AND/OR EYE CONDITIONS ON CONTACT.

EMERGENCY AND FIRST AID PROCEDURES
INGESTION: IF PATIENT IS CONSCIOUS, GIVE TWO GLASSES OF WATER. DO NOT INDUCE
VOMITING. IF SIGNS AND SYMPTOMS OF TOXICITY APPEAR, CALL A PHYSICIAN. SKIN:
WASH WITH SOAP AND WATER. INHALATION: REMOVE TO FRESH AIR. IF BREATHING IS
DIFFICULT, ADMINISTER OXYGEN; IF BREATHING HAS STOPPED, ADMINISTER ARTIFICIAL
RESPIRATION. OBTAIN MEDICAL ATTENTION. EYES: FLUSH THOROUGHLY WITH WATER.

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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
IF MATERIAL IS SPILLED, STEPS SHOULD BE TAKEN TO CONTAIN LIQUIDS AND PREVENT
DISCHARGES TO STREAMS OR SEWER SYSTEMS. SPILLS OR RELEASES SHOULD BE REPORTED,
IF REQUIRED, TO THE APPROPRIATE LOCAL, STATE AND FEDERAL REGULATORY AGENCIES.

WASTE DISPOSAL METHOD
DISPOSE IN AN APPROVED HAZARDOUS WASTE MANAGEMENT FACILITY. CARE MUST BE TAKEN
WHEN USING OR DISPOSING OF CHEMICAL MATERIALS AND/OR THEIR CONTAINERS TO PREVENT
ENVIRONMENTAL CONTAMINATION. IT IS YOUR DUTY TO DISPOSE OF THE CHEMICAL
MATERIALS AND/OR THEIR CONTAINERS IN ACCORDANCE WITH ALL REGULATIONS REGARDING
DISPOSAL.

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 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
N/A

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

RESPIRATORY PROTECTION

USE SELF-CONTAINED BREATHING APPARATUS IN HIGH VAPOR CONCENTRATIONS.

VENTILATION

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

PROTECTIVE GLOVES

NEOPRENE GLOVES SHOULD BE WORN. GLOVES MAY BE DECONTAMINATED BY WASHING WITH MILD SOAP AND WATER.

EYE PROTECTION

CHEMICAL GOGGLES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

WHERE CONTACT IS LIKELY, RUBBER APRON AND BOOTS

WORK/HYGIENIC PRACTICES

WARM WATER SHOWERING, HANDWASHING AND 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 =====

8, UN1805, PGIII (PHOSPHORIC ACID)