



MATERIAL SAFETY DATA SHEET

HD DESCALER

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PARISER INDUSTRIES

PRODUCT NAME: HD DESCALER
TRADE SECRET REGISTRY #307554-5600P
Q/C spec SFS HD DESCALER

UN NUMBER

HMIS CODES: H F R P

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: PARISER INDUSTRIES
ADDRESS : 91 MICHIGAN AVE
PATERSON, NJ 07503

EMERGENCY PHONE : 800-424-9300
INFORMATION PHONE : 973-569-9090

DATE PRINTED : 2/23/2007
NAME OF PREPARER : ENVIRONMENTAL DEPT

SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
PHOSPHORIC ACID	7664-38-2	82 25 C	37.00

*** 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

Q/C spec SFS HD DESCALER
BOILING RANGE: 130-158
VAPOR DENSITY: N/A
COATING V.O.C.: NOT APPLICABLE
SOLUBILITY IN WATER: SOLUBLE
APPEARANCE AND ODOR: CLEAR LIQUID WITH NO DISTINCT ODOR

pH 1% SOLUTION
SPECIFIC GRAVITY (H2O=1): 1.18
EVAPORATION RATE: N/A
MATERIAL V.O.C.: NOT APPLICABLE

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Q/C spec HD DESCALER
FLASH POINT
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: n/a
METHOD USED: 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.



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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



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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 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

THE USE OF A RUBBER OR VINYL APRON IS RECOMMENDED.

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.

PROTECTIVE GLOVES

CHEMICAL RESISTANT GLOVES SHOULD BE WORN. GLOVES MAY BE DECONTAMINATED BY WASHING WITH MILD SOAP AND WATER. NATURAL AND BUTYL RUBBER HAVE BEEN SUGGESTED.

EYE PROTECTION

CHEMICAL GOGGLES

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

WHERE CONTACT IS LIKELY, RUBBER APRON AND BOOTS

WORK/HYGIENIC PRACTICES

WARM WATER SHOWERING AND HANDWASHING IS SUGGESTED AFTER WORKING IN EXTREMELY DUSTY AREAS. EYEWASH STATIONS ARE



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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