

GREASE-OFF

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PRODUCT NAME: GREASE-OFF

TRADE SECRET REGISTRY #307554-5203P

HMIS CODES: H F R P

UN NUMBER : N/A

1 0 0 B

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

MANUFACTURER'S NAME: PARISER INDUSTRIES

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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		WEIGHT PERCENT
		mm Hg	@ TEMP	
DENATURED ETHANOL	MIXTURE	50	20°C	5.00
SODIUM METASILICATE ANHYDROUS	6834-92-0	N/A	N/A	2.28
NOT ESTABLISHED				

*** 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 : 10.5 +/- .5

BOILING RANGE: 174°F

SPECIFIC GRAVITY (H2O=1): 1.06

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: PURPLE LIQUID

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

FLASH POINT : N/A

METHOD USED: n/a

FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 3.3

UPPER: 19.0

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. WEAR FULL PROTECTIVE CLOTHING.

UNUSUAL FIRE AND EXPLOSION HAZARDS

DO NOT USE WATER TO FIGHT FIRE SINCE IN THE PRESENCE OF WATER, PRODUCT WILL REACT WITH SOME METALS TO LIBERATE HYDROGEN, A FLAMABLE GAS.

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

STABILITY: STABLE

CONDITIONS TO AVOID

NONE

INCOMPATIBILITY (MATERIALS TO AVOID)

ACIDS, METALS AND WATER

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

SKIN: THIS PRODUCT IS DESTRUCTIVE TO TISSUES CONTACTED AND PRODUCES SEVERE BURNS. A LATENT PERIOD MAY EXIST BETWEEN EXPOSURE AND SENSE OF IRRITATION. EYE CONTACT: THIS PRODUCT IS DESTRUCTIVE TO EYE TISSUES ON CONTACT. WILL CAUSE SEVERE BURNS THAT RESULT IN DAMAGE TO THE EYES AND EVEN BLINDNESS.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

SEE ABOVE

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE

THIS PRODUCT, IF SWALLOWED, CAN CAUSE SEVERE BURNS AND COMPLETE TISSUE PERFORATION OF MUCOUS MEMBRANES OF THE MOUTH, THROAT, ESOPHAGUS, AND STOMACH.

HEALTH HAZARDS (ACUTE AND CHRONIC)

SEE ABOVE

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

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

MAY AGGRAVATE EXISTING SKIN AND/OR EYE CONDITIONS ON CONTACT.

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

EXTINGUISH AND DO NOT TURN ON ANY IGNITION SOURCE UNTIL THE AREA IS DETERMINED TO BE FREE FROM FIRE OR EXPLOSION HAZARD. WEAR SUITABLE PROTECTIVE EQUIPMENT. AVOID CONTACT WITH EYES. SMALL SPILLS CAN BE FLUSHED WITH LARGE AMOUNTS OF WATER; LARGER SPILLS SHOULD BE COLLECTED FOR DISPOSAL.

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

STORE IN APPROVED CONTAINERS ONLY. STORE IN COOL, WELL-VENTILATED AREA. ALWAYS WEAR RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT. DO NOT BREATHE VAPOR OR MIST. USE ONLY WITH ADEQUATE VENTILATION. AVOID CONTACT WITH SKIN, EYES, AND CLOTHING, EVEN DILUTE SOLUTIONS. DO NOT ADD WATER TO ACID. DURING DILUTION CARE SHOULD BE EXERCISED WHEN ADDING ACID TO WATER TO PREVENT SPLATTERING AND HEAT BUILD UP.

OTHER PRECAUTIONS

USE WITH ADEQUATE VENTILATION OR LOCAL EXHAUST. 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

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

WEAR CHEMICAL SAFETY GOGGLES PLUS FULL FACE SHIELD TO PROTECT AGAINST SPLASHING.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

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

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 =====

N/A