

M A T E R I A L S A F E T Y D A T A S H E E T

#82880

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PRODUCT NAME: #82880 RED GREASE
 PRODUCT CODE: VIA-0008-009

H M I S C O D E S . H F R P
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===== SECTION I - DISTRIBUTOR IDENTIFICATION =====

DISTRIBUTOR'S NAME : PARTS ASSOCIATES, INC
 ADDRESS : 12420 PLAZA DRIVE
 PARMA, OH 44130

EMERGENCY PHONE : 1-800-451-8346 DATE PRINTED : 01/08/01
 INFORMATION PHONE : 1-800-321-1128, EXT. 123 NAME OF PREPARER : ESP

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

REPORTABLE COMPONENTS	CAS NUMBER	VAPOR PRESSURE mm Hg @ TEMP	WEIGHT PERCENT
HEPTANE OSHA PEL: 400 PPM, ACGIH TLV: 400 PPM	142-82-5	40 72	51
PROPANE OSHA PEL: 1000 PPM, ACGIH TLV: ASPHYXIAN	74-98-6	6350 68	15

*** 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 =====

BOILING RANGE: -44 deg F - 208 deg F SPECIFIC GRAVITY (H2O=1): 0.72
 VAPOR DENSITY: HEAVIER THAN AIR EVAPORATION RATE: SLOWER THAN ETHER
 SOLUBILITY IN WATER: NIL
 APPEARANCE AND ODOR: AEROSOL PRODUCT

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

FLASH POINT: -156 deg F METHOD USED: ESTIMATED
 FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER: 1.2 UPPER: 9.5

EXTINGUISHING MEDIA: FOAM, CO2, DRY CHEMICAL, WATER FOG

SPECIAL FIREFIGHTING PROCEDURES

WATER SPRAY MAY BE INEFFECTIVE. WATER MAY BE USED TO COOL CONTAINERS TO PREVENT PRESSURE BUILD-UP AND EXPLOSION WHEN EXPOSED TO EXTREME HEAT. IF WATER IS USED, FOG NOZZLES PREFERRED. WEAR GOGGLES AND SELF-CONTAINED BREATHING APPARATUS

UNUSUAL FIRE AND EXPLOSION HAZARDS

CLOSED CONTAINERS MAY EXPLODE FROM INTERNAL PRESSURE BUILD-UP WHEN EXPOSED TO EXTREME HEAT AND DISCHARGE CONTENTS. VAPOR ACCUMULATION CAN FLASH OR EXPLODE IF IGNITED. OVEREXPOSURE TO DECOMPOSITION PRODUCTS MAY CAUSE A HEALTH HAZARD. SYMPTOMS MAY NOT BE READILY APPARENT. OBTAIN MEDICAL ATTENTION

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

STABILITY: STABLE
 CONDITIONS TO AVOID
 APPLICATION TO HOT SURFACES STORAGE ABOVE 120 DEG F. EXPOSURE TO OPEN FLAME.

INCOMPATIBILITY (MATERIALS TO AVOID)
 STRONG OXIDIZING AGENTS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS

MAY PRODUCE FUMES WHEN HEATED TO DECOMPOSITION. FUMES MAY CONTAIN CARBON MONOXIDE AND OTHER TOXIC FUMES.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
RESPIRATORY IRRITATION, HEADACHE, NAUSEA, FATIGUE, DROWSINESS, IMPAIRED CO-
ORDINATION.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE
SKIN: CONTACT MAY DRY THE SKIN; PROLONGED CONTACT MAY CAUSE MODERATE IRRITATION.
EYES. LIQUID OR VAPOR CAN CAUSE MODERATE TO SEVERE IRRITATION

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
NOT EASILY ABSORBED. SOLVENT ACTION CAN DRY AND DEFAT THE SKIN CAUSING THE SKIN
TO CRACK, LEADING TO DERMATITIS.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE
NOT A LIKELY ROUTE OF EXPOSURE. IF SWALLOWED, SEEK IMMEDIATE MEDICAL ADVICE
AND/OR ATTENTION.

HEALTH HAZARDS (ACUTE AND CHRONIC)
ACUTE: EYE IRRITANT. POSSIBLE SKIN IRRITANT. CHRONIC: NONE KNOWN.

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

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE
NONE KNOWN.

EMERGENCY AND FIRST AID PROCEDURES

INHALATION: REMOVE TO FRESH AIR. ADMINISTER OXYGEN IF NEEDED. APPLY ARTIFICIAL
RESPIRATION IF BREATHING HAS STOPPED. GET MEDICAL ATTENTION. SKIN: WIPE OFF WITH
TOWEL. WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS
EYES: WASH IMMEDIATELY WITH LARGE VOLUMES OF FRESH WATER FOR AT LEAST 15
MINUTES. GET MEDICAL ATTENTION

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

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
AVOID BREATHING VAPORS. VENTILATE AREA. REMOVE ALL SOURCES OF IGNITION. CLEAN UP
AREA WITH ABSORBENT MATERIAL AND PLACE IN CLOSED CONTAINERS FOR DISPOSAL

WASTE DISPOSAL METHOD

DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. BEFORE
ATTEMPTING CLEAN UP, REFER TO OTHER SECTIONS OF THIS MSDS FOR HAZARD CAUTION
INFORMATION.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

STORE AND USE IN COOL, DRY, WELL-VENTILATED AREAS. VAPORS MAY CAUSE FLASH FIRE
KEEP AWAY FROM HEAT, SPARKS AND FLAME. DO NOT STORE ABOVE 120 DEG F. DO NOT
PUNCTURE OR INCINERATE (BURN) CANS. DO NOT STICK PIN, NAIL OR ANY OTHER SHARP
OBJECT INTO OPENING ON TOP OF CAN. DO NOT SPRAY IN EYES. SEE PRODUCT LABEL FOR
ADDITIONAL INFORMATION.

OTHER PRECAUTIONS

USE WITH ADEQUATE VENTILATION TO PREVENT VAPOR BUILD-UP, OPEN DOORS AND WINDOWS
OR USE AN EXPLOSION-PROOF EXHAUST FAN TO ENSURE FRESH AIR EXCHANGE DURING AND
AFTER USE. DO NOT BREATHE VAPOR, GAS OR SPRAY MIST. WHEN USING, DO NOT EAT,
DRINK OR SMOKE. AVOID CONTACT WITH EYES, SKIN AND CLOTHING. WEAR PROTECTIVE
EQUIPMENT. WASH THOROUGHLY AFTER HANDLING. REMOVE CONTAMINATED CLOTHING AND WASH
IT BEFORE REUSE. EMPTY CONTAINERS RETAIN PRODUCT RESIDUES; FOLLOW LABEL WARNINGS
EVEN AFTER CAN IS EMPTIED. DO NOT STORE IN BASEMENTS.

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

MATERIAL SAFETY DATA SHEET

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RESPIRATORY PROTECTION

AVOID BREATHING VAPORS. USE WITH ADEQUATE VENTILATION EQUAL TO OUT OF DOORS. IN RESTRICTED AREAS, USE APPROVED CHEMICAL/ MECHANICAL FILTERS DESIGNED TO REMOVE A COMBINATION OF PARTICLES AND VAPOR. IN CONFINED AREAS, USE APPROVED AIR LINE TYPE RESPIRATOR OR HOOD. SELF-CONTAINED BREATHING APPARATUS IS REQUIRED FOR VAPOR CONCENTRATIONS ABOVE PEL/TLV LIMITS.

VENTILATION

SUFFICIENT TO PREVENT INHALATION OF SOLVENT VAPORS. GENERAL DILUTION AND/OR LOCAL EXHAUST VENTILATION IN VOLUME OR PATTERN TO KEEP PEL/TLV OF MOST HAZARDOUS INGREDIENT BELOW ACCEPTABLE LIMIT AND LEL BELOW STATED LIMIT.

PROTECTIVE GLOVES

SOLVENT RESISTANT GLOVES REQUIRED FOR PROLONGED OR REPEATED CONTACT.

EYE PROTECTION

USE OF SAFETY GLASSES WITH SPLASH GUARDS OR FULL FACE SHIELD IS RECOMMENDED.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

USE OF SOLVENT RESISTANT APRONS OR OTHER CLOTHING IS RECOMMENDED.

WORK/HYGIENIC PRACTICES

EYE WASHES AND SAFETY SHOWERS IN THE WORKPLACE ARE RECOMMENDED.

***** SECTION IX - DISCLAIMER *****

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