

MATERIAL SAFETY DATA SHEET

MSDS NUMBER: F-05
 PART NUMBER: 21-0
 PRODUCT NAME: POWER KLEEN
 CAS NUMBER: - -0
 CHEMICAL NAME: Mixture
 CHEMREC EMERGENCY RESPONSE # 800-424-9300

SECTION I

MANUFACTURER: Hydrotex

ADDRESS: 1825 Monetary Lane
 Carrollton, TX 75006

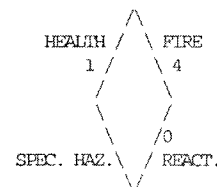
EMERGENCY TELEPHONE NUMBER: (800)424-9300

INFORMATION TELEPHONE NUMBER: (972)389-8500

DATE PREPARED: 02/11/00

HMS R RATINGS:

HEALTH: 1
 FIRE: 4
 REACTIVITY: 0
 PERSONAL PROTECTION: G



SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

CAS NUMBER	HAZARDOUS COMPONENT	SUB- SARA				OTHER LIMITS	
		NTP	IARC	PART/Z 313	OSHA PEL	ACGIH TLV	RECOMMENDED PERCENT
8012-95-1	Oil mist, mineral	N	N	N	5mg/m3	5mg/m3	
64742-48-9	Hydrotreated Heavy Naphtha	N	N	N	400 ppm	400 ppm	
108-88-3	Toluene	N	N	Y	200 ppm	50 ppm	

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT	180 Deg F.	SPECIFIC GRAVITY (H2O = 1)	0.85000
VAPOR PRESSURE (mm Hg.)	<10	MELTING POINT	NA
VAPOR DENSITY (AIR = 1)	>1	EVAPORATION RATE (Butyl Acetate = 1)	ND

SOLUBILITY IN WATER: slight

APPEARANCE AND ODOR: Dark Blue Liquid with Solvent Odor

OTHER INFORMATION: This product contains ingredients in the hazardous categories labeled under delayed health, fire. It does contain an ingredient reportable under Section 313 of SARA Title III.

All components of this material are on the US TSCA Inventory.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 45 deg F. TCC

FLAMMABLE LIMITS: LEL: ND UEL: ND

EXTINGUISHING MEDIA: Halon, Dry Chemical, Foam, CO2 and Water mist or Fog

SPECIAL FIRE FIGHTING PROCEDURES: Cool containers exposed to heat with water
 Avoid breathing smoke or vapors

UNUSUAL FIRE FIGHTING PROCEDURES: Expansion of overheated containers may cause explosion hazard.

SECTION V - REACTIVITY DATA

STABILITY: Stable

INCOMPATIBILITY (MATERIALS TO AVOID): Strong Oxidizers
 Avoid Open Flame

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Oxides of Nitrogen, Carbon Monoxide, Carbon dioxide

HAZARDOUS POLYMERIZATION: Will not occur

SECTION VI - HEALTH HAZARD DATA

ROUTE(S) OF ENTRY: Eyes
Skin
Ingestion
Inhalation

HEALTH HAZARDS (ACUTE AND CHRONIC): Acute: Eyes-Irritation Ingestion-Cathartic Effect
Chronic: Skin-Irritation, Dermatitis Inhalation-Dizziness, Narcosis

SIGNS AND SYMPTOMS OF EXPOSURE: Eye contact: May cause temporary irritation and redness. No permanent injury expected

Skin contact: Frequent or prolonged contact may irritate and cause dermatitis. Occasional brief contact will not result in significant irritation. Skin contact may aggravate an existing dermatitis condition.

Inhalation: High vapor concentrations (greater than 1,000 ppm) may be irritating to respiratory passages. Prolonged exposure may cause headaches, dizziness, nausea, or narcosis.

Ingestion: May result in nausea, vomiting, or catharsis. Harmful if aspirated into the lungs during ingestion or vomiting.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NI

EMERGENCY AND FIRST AID PROCEDURES: Eye contact: Flush eyes with large amounts of water until irritation subsides. If irritation persists, seek medical attention.

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing and launder before reuse.

Inhalation: Remove affected person to fresh air. If symptoms persist, seek medical attention.

Ingestion: If Cathartic effect persists, seek medical attention. Do not induce vomiting.

OTHER HEALTH WARNINGS: NI

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Ventilate area if ventilation inadequate. Remove sources of ignition. Contain spills with dikes or absorbents to prevent migration and entry into sewers or streams. Take up small spills with absorbents. Large spills may be taken up with pump or vacuum. Use non-flammable absorbents for residue.

WASTE DISPOSAL METHOD: Dispose of recovered material or absorbent material as an industrial waste in a manner acceptable to good waste management practice and in compliance with applicable local, state and federal regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Where contact is likely, long sleeves and chemical resistant gloves. Where eye contact may occur, wear safety glasses with side shields. Where concentrations in air may exceed stated limits and there is inadequate ventilation, NIOSH/MSHA approved organic vapor respirators may be necessary. Mechanical ventilation recommended in case of spills in confined areas to maintain concentrations below exposure levels.

OTHER PRECAUTIONS: Exposure to liquids, vapors, mists or fumes should be minimized.

SECTION VIII - CONTROL MEASURES

VENTILATION REQUIREMENTS: Adequate ventilation to maintain a level of concentration below exposure limits.

PERSONAL PROTECTIVE EQUIPMENT: Longs sleeves, Chemical Resistant Gloves, Safety Glasses with side shields, NIOSH/MSHA approved organic vapor respirator in areas of inadequate ventilation.

SECTION IX - ADDITIONAL INFORMATION

ADDITIONAL MANUFACTURER WARNINGS: This material safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in this data sheet which we received from sources outside our company. We believe that information to be correct but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No warranty is made, either express or implied.

OTHER PRECAUTIONS AND COMMENTS: Department of Transportation:
Shipping Name: Flammable liquids, NOS (2-propanol, petroleum distillate)
Hazard Class: 3
DOT ID No. : UN1993
Packing Group II
