

Material Safety Data Sheet

PERMA•CRETE®

MANUFACTURER'S NAME:
QUALITY SYSTEMS, INC.
1101 Menzler Road
Nashville, TN 37210

EMERGENCY TELEPHONE NO.:
(800) 535-5053

DATE OF PREPARATION:
06/08/95

INFORMATION TELEPHONE NO.:
(800) 607-3762

SECTION I-PRODUCT IDENTIFICATION

PRODUCT NAME: ORANGE POWER DEGREASER

SECTION II-HAZARDOUS INGREDIENTS

INGREDIENT	CAS #	RTECS#	OSHA PEL	ACGIH TLV	% IN PROD.
GLYCOL ETHERS	N/A	N/A	N/A	N/A	2.7%

SECTION III-PHYSICAL DATA

BOILING POINT:	212° - 310°F	APPEARANCE:	Clear, Orange Liquid
VAPOR PRESSURE (mm Hg):	17mm Hg	ODOR:	Citrus
	68°F/20°C	EVAPORATION	
VAPOR DENSITY (Air = 1):	N/A	RATE (N/D = 1):	N/D
SOLUBILITY IN WATER:	Emulsifies	PH (Concentrate):	N/A
SPECIFIC GRAVITY:	.929 @ 60°F	PH (Use Dilution of	
PERCENT VOLATILE BY		1:20):	7.0-8.0
VOLUME:	75%		

SECTION IV-FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (F) (Method Used):	121°F (TCC)
FLAMMABLE LIMITS - LEL:	N/A
FLAMMABLE LIMITS - UEL:	N/A
EXTINGUISHER MEDIA:	Carbon dioxide, dry chemical and foam
SPECIAL FIRE FIGHTING PROCEDURES:	Fire exposed drums should be cooled with stream of water
UNUSUAL FIRE HAZARDS:	None
HMIS CODES:	Health 1; Flam. 2; React. 0; Pers. Protect B; Chronic Hazard - No

SECTION V-HEALTH HAZARD DATA

EST'D PEL. /TLV: Not Established **PRIMARY ROUTES OF ENTRY:** N/A

ACUTE EFFECTS OF OVEREXPOSURE:

This product can be an eye irritant. Inflammation of eye tissue is characterized by redness, watering, and/or itching. One of the ingredients in this product has caused sensitization reactions in a small percentage of the general population.

CHRONIC EFFECTS OF OVEREXPOSURE:

Contact, especially if prolonged or repeated, may cause redness, itching, or blistering of the skin. None of the hazardous ingredients are listed as carcinogens by IARC, NTP, or OSHA.

FIRST AID:

SKIN CONTACT: Wash contaminated skin thoroughly with soap or a mild detergent. Apply a skin cream with lanolin. Get medical attention if irritation persists. Remove contaminated clothing.

EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting upper and lower lids. Get medical attention at once.

INHALATION: Move exposed person to fresh air. If irritation persists, get medical attention promptly.

INGESTION: If this product is swallowed, do not induce vomiting. If victim is conscious, give plenty of water to drink. Get medical attention at once.

SECTION VI-REACTIVITY DATA

STABILITY:	Stable.
CONDITIONS TO AVOID:	Heat, flame, spark, strong acids and/or oxidizers.
POLYMERIZATION:	Will not occur.
HAZARDOUS DECOMPOSITION:	Carbon monoxide.

SECTION VII-SPILL AND DISPOSAL PROCEDURES

SPILL RESPONSE: Observe safety precautions in Sections VIII & IX during clean-up. Absorb spill on an inert absorbent material. Pick up and place residue in a suitable waste container. Wash spill area thoroughly with a detergent solution and rinse with water.

RECOMMENDED DISPOSAL: Consult local, state and federal agencies for proper disposal method in your area.

RCRA HAZARDOUS WASTE NOS.: N/A

SECTION VIII-SAFE HANDLING AND USE INFORMATION

RESPIRATORY PROTECTION: Use NIOSH approved breathing apparatus.

VENTILATION: Mechanical ventilation preferred.

PROTECTIVE GLOVES: Wear nitrile gloves or use gloves with demonstrated resistance to the ingredients in this product.

EYE PROTECTION: Wear tight-fitting splash-proof safety glasses, especially if contact lenses are worn.

SECTION IX-SPECIAL PRECAUTIONS

RECOMMENDED STORAGE: Store in tightly closed container in a dry area at temperatures between 60° - 120° F.

COMBUSTIBLE: Store and use away from heat, sparks, open flame, or any source of ignition. Post "No Smoking" signs according to local regulations for combustible liquids.

**KEEP PRODUCT AWAY FROM SKIN AND EYES.
KEEP OUT OF THE REACH OF CHILDREN.**

Abbreviations: N/D - Not Determined

N/A - Not Applicable

This information is accurate to the best knowledge of Quality Systems, Inc., but is furnished without any expressed or implied warranties. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.