

Material Safety Data Sheet

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ULTRASONIC Degreasing /Cleaning Solution

SECTION I PRODUCT IDENTIFICATION

MANUFACTURER: PACE Technologies
1802 W. Grant Rd. No. 102
Tucson, AZ 85745

INFORMATION PHONE: 520-882-6598

EMERGENCY PHONE: CHEMTREC 800-424-9300 (US) Day or night
International call collect CHEMTREC 202-483-7616

TRADE NAME: Ultrasonic Degreaser/ Cleaning Solution

**INGREDIENTS/
CHEMICAL NAME:** Anionic and nonionic surfactants, ethyl alcohol, water, stabilizing agents

HMIS RATING: HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0

HAZARD RATING:

LEAST: 0 SLIGHT: 1 MODERATE: 2 HIGH: 3 EXTREME: 4

SECTION II HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT(S)	CAS No.	OSHA PEL	ACGIH TLV	Other Limits Recommended
Ethanol (ethyl alcohol)	64-17-5	1000 ppm 1900 mg/m ³	1000 ppm	Not known

DOT Classification: Combustible liquid not regulated in packaging of less than 119 gallons. When shipped in bulk, classified as compounds, cleaning liquid Class 3 (NA 1993)

Ingredients are listed on the TSCA Inventory of Chemical Substances. Those not identified are non-hazardous.

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SECTION III PHYSICAL/ CHEMICAL DATA

SPECIFIC GRAVITY (H₂O=1): 1.02	BOILING POINT: N.A.
VAPOR PRESSURE: N.A.	PERCENT VOLATILE BY VOLUME: 13%
SOLUBILITY IN WATER: Complete	EVAPORATION RATE (BUTY/ACT=1): N.A.
VAPOR DENSITY (Air=1): N.A.	pH: 7.4
APPEARANCE AND ODOR: Clear blue floral scent	

SECTION IV FIRE AND EXPLOSION HAZARDS

FLASH POINT (METHOD):

Estimated 132° F (closed cup). Although this product has a flash point below 200° F (closed cup), it is an aqueous solution containing ethyl alcohol and does not sustain combustion.

EXPLOSIVE LIMITS:

LEL: N.A. UEL: N.A.

EXTINGUISHING MEDIA:

Use CO₂, water or dry chemical

SPECIAL FIRE FIGHTING PROCEDURES:

None known

UNUSUAL FIRE HAZARDS:

None known

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SECTION V HEALTH HAZARD DATA

ROUTES OF ENTRY INTO THE BODY: Oral, skin contact, eye contact

**HEALTH HAZARDS (ACUTE and
CHRONIC):**

Ingestion: May cause transient gastrointestinal irritation

Skin: Prolonged contact with concentrated product may be drying or irritating to skin

Eye Contact: May cause stinging, tearing, itching, swelling and/ or redness.

SIGNS AND SYMPTOMS OF EXPOSURE

Expected to be emetic if ingested. May cause nausea and/or diarrhea. May cause mild transient irritation if eye contact occurs. Prolonged contact with concentrated material may be drying or transiently irritating to skin.

**MEDICAL CONDITIONS GENERALLY
AGGRAVATED BY EXPOSURE:**

Pre-existing dermatitis may be aggravated by prolonged contact with concentrated material.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush eyes with large amounts of water for 15 minutes.

SKIN: If prolonged contact occurs, rinse thoroughly with water. If spilled on clothing, change clothes.

INGESTION: Drink a glassful of water.

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SECTION VI REACTIVITY DATA

STABILITY:	Stable
CONDITIONS TO AVOID:	None Known
HAZARDOUS POLYMERIZATION:	Will Not Occur
INCOMPATIBILITY (MATERIALS TO AVOID):	None Known
HAZARDOUS DECOMPOSITION PRODUCTS:	None Known

SECTION VII SPECIAL PROTECTION MEASURES

RESPIRATORY PROTECTION:	None required for normal use
VENTILATION:	Local Exhaust: None required with normal use. Mechanical (General): Acceptable
PROTECTIVE GLOVES:	None required with normal use. Protective gloves should be used for prolonged contact with undiluted product.
EYE PROTECTION:	None required with normal use. If a splash is likely, goggles may be needed.

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OTHER PROTECTIVE EQUIPMENT: None required with normal use.

SECTION VIII SPECIAL PRECAUTIONS AND SPILL/ LEAK PROCEDURES

**PRECAUTIONS TO BE TAKEN IN
HANDLING AND STORAGE:** None required.

OTHER PRECAUTIONS: None known.

**STEPS TO BE TAKEN IN CASE MATERIAL
IS RELEASED OR SPILLED:** Flush small quantities down acceptable sewer
(contains biodegradable surfactants). Prevent
spills from reaching waterway. Sorbents may be
used.

WASTE DISPOSAL METHOD: Disposal is to be performed in compliance with all
regulations. Small quantities may be disposed of
in sewer. For larger quantities, incineration is
preferred. Do not landfill.

SECTION IX ADDITIONAL INFORMATION

FOR COMPANY USE

THE INFORMATION AND RECOMMENDATIONS SET FORTH HEREIN ARE TAKEN FROM SOURCES
BELIEVED TO BE ACCURATE AS OF THE DATE HEREON; HOWEVER PACE TECHNOLOGIES MAKES
NO WARRANTY, EXPRESS OR IMPLIED WITH RESPECT TO THE ACCURACY OF THE INFORMATION
OR THE SUITABILITY OF THE RECOMMENDATIONS, AND ASSUMES NO LIABILITY TO ANY USER
THEREOF.

DATE PREPARED: 10/00

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