

MATERIAL SAFETY DATA SHEET**Pro-Tech Cleaner Concentrate****DATE: 06/30/10****MSDS****SECTION 1: PRODUCT AND COMPANY IDENTIFICATION****PRODUCT NAME:** Pro-Tech Cleaner Concentrate**MANUFACTURER:** Pro-Tech Products, Inc.**ADDRESS:** 3003 N. 73rd St.
Scottsdale, AZ 85251**EMERGENCY PHONE:** (800) 538-7303**CHEMTREC PHONE:** (800) 424-9300**FAX PHONE:** (480) 945-8873**CHEMICAL FAMILY:** Surfactant Cleaner**PREPARED BY:** Technical Services**SUPERCEDES MSDS DATED:** New Issue**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

<u>INGREDIENT</u>	<u>CAS NO.</u>		<u>% WT</u>	<u>SARA 313 REPORTABLE</u>
Water	n/a	> 40	n/a	
Proprietary surfactant blend	n/a	< 40	n/a	
Isopropanol	67-63-0	<20	Yes	

SECTION 3: HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW:****ROUTES OF ENTRY:** Inhalation**POTENTIAL HEALTH EFFECTS****EYES:** Can cause moderate irritation, redness, tearing, and blurred vision.**SKIN:** This product may cause skin irritation upon prolonged or repeat contact. Prolonged or repeated contact can cause moderate irritation, defating or dermatitis.**INGESTION:** Can cause gastrointestinal irritation, nausea, vomiting, diarrhea and kidney failure.**INHALATION:** Excessive inhalation of vapors can cause nasal and respiratory irritation, dizziness, weakness, fatigue, nausea, headache.**ACUTE HEALTH HAZARDS:** See above**CHRONIC HEALTH HAZARDS:** See Above**EFFECTS OF EXPOSURE:** See Above

CARCINOGENICITY

None

SECTION 4: FIRST AID MEASURES

EYES: Flush with large amounts of water for 15 minutes lifting upper and lower lids occasionally. Seek medical attention.

SKIN: Thoroughly wash exposed area with soap and water. Remove contaminated clothing. Launder contaminated clothing before re-use.

INGESTION: If swallowed, give 2 glasses of water to drink. Never give anything by mouth to an unconscious person. Consult a physician.

INHALATION: Remove person from the contaminated area to fresh air. If breathing is difficult, give Oxygen. Contact physician if symptoms develop.

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: n/a
(% BY VOLUME) LOWER: n/a

FLASH POINT: n/a

METHOD USED: n/a

AUTOIGNITION TEMPERATURE: n/a

NFPA HAZARD CLASSIFICATION

HEALTH: 1 **FLAMMABILITY:** 0 **REACTIVITY:** 0 **OTHER:** None

HMIS HAZARD CLASSIFICATION

HEALTH: 1 **FLAMMABILITY:** 0 **REACTIVITY:** 0 **PROTECTION:** see section 8

EXTINGUISHING MEDIA: Regular foam, carbon dioxide, or dry chemical. Water may be used to reduce the rate of burning and for cooling containers.

SPECIAL FIRE FIGHTING PROCEDURES: Self-contained breathing apparatus with full face piece operated in a pressure-demand or other positive pressure mode.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Keep containers cool to prevent rupture. Floor will become slippery if material is released.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition in the presence of air yields carbon monoxide and/or carbon dioxide as well as compounds of Zinc and Aluminum.

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: Contain and/or absorb spill with suitable material. Collect and dispose in accordance with applicable regulations.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Keep containers tightly closed. Store in cool, dry, well-ventilated area. Protect from physical damage. Protect from extreme temperatures. Keep out of reach of children.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

VENTILATION : Use with adequate ventilation.

RESPIRATORY PROTECTION: None required. An MSHA / NIOSH approved half-mask, air-purifying respirator (or equivalent),
OR,
MSHA / NIOSH approved self-contained breathing apparatus (or equivalent) in the positive pressure mode,
OR,
MSHA / NIOSH approved full-face piece airline respirator (or equivalent) in the positive pressure mode with emergency escape provisions.

EYE PROTECTION: Safety glasses with side shields or chemical splash goggles recommended.

SKIN PROTECTION: Chemical protective gloves are recommended to prevent skin contact.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: As needed to prevent skin contact.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White liquid

ODOR: Paint-like odor

PHYSICAL STATE: Liquid

pH AS SUPPLIED: > 9.0

BOILING POINT: 212 °F (100 °C)

MELTING POINT: n/a

FREEZING POINT: 32 °F (0 °C)

VAPOR PRESSURE (mmHg): n/a

VAPOR DENSITY (AIR = 1): > 1

SPECIFIC GRAVITY (H₂O = 1): > 1

EVAPORATION RATE: Slower than ether

SOLUBILITY IN WATER: Dispersible

PERCENT SOLIDS BY WEIGHT: > 60%

VOLATILE ORGANIC COMPOUNDS (VOC):

WITH WATER: < 0.35 lbs/gal (< 50 g/l)

SECTION 10: STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID (STABILITY): Extreme temperatures

INCOMPATIBILITY (MATERIAL TO AVOID): Strong oxidizing agents, strong acids or bases, and selected amines

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Thermal decomposition in the presence of air yields carbon monoxide and/or carbon dioxide as well as compounds of Zinc and Aluminum.

SECTION 10: STABILITY AND REACTIVITY (cont.)

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID (POLYMERIZATION): n/a

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: n/a

SECTION 12: ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: n/a

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with all Federal, State, and local government regulations.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

Not Restricted

WATER TRANSPORTATION

Not Restricted

AIR TRANSPORTATION

Not Restricted

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All components are on the Inventory

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): n/a

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT): n/a

311/312 HAZARD CATEGORIES: n/a

313 REPORTABLE INGREDIENTS:

Ethylene Glycol CAS: 107-21-1 < 2 % (by weight)

STATE REGULATIONS: n/a

INTERNATIONAL REGULATIONS: n/a

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: n/a

PREPARATION INFORMATION:

PREPARATION DATE: 6/30/10

SECTION 16: OTHER INFORMATION (cont.)

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