

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT

FILE NO.:

MSDS DATE: 7/1/16

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Citro PPE Soak and Wash

SYNONYMS:

PRODUCT CODES:

MANUFACTURER: EarthCo Products, LLC

DIVISION:

ADDRESS: 101 Convention Center Drive, Suite 700, Las Vegas NV 89109

EMERGENCY PHONE: 949.463.4326

CHEMTREC PHONE: 800.424.9300

OTHER CALLS:

FAX PHONE: 949.553.8161

CHEMICAL NAME:

CHEMICAL FAMILY:

CHEMICAL FORMULA:

PRODUCT USE: Cleaning - Degreasing

PREPARED BY:

SECTION 1 NOTES:

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: d-Limonene, 2-butoxyethanol

<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
5989-27-5111-76-2			
	<u>ppm</u>	<u>mg/m3</u>	
OSHA PEL-TWA:	N.e. 50		
OSHA PEL STEL :			
OSHA PEL CEILING:			
ACGIH TLV-TWA:	N.e., N.e. 25 (skin) N.e.		
ACGIH TLV STEL:			
ACGIH TLV CEILING:			

SECTION 2 NOTES:

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

ROUTES OF ENTRY:

POTENTIAL HEALTH EFFECTS

EYES: Major

SKIN: Major

INGESTION: Minor

INHALATION: Minor

ACUTE HEALTH HAZARDS: Irritation can result from liquid, mist or vapor contacting respiratory tract, eyes and skin. Absorption through skin or inhalation of vapor at normal temperatures poses minimal hazard. Ingestion of large amounts will cause diarrhea. Aspiration can damage lungs and cause death.

CHRONIC HEALTH HAZARDS: Prolonged or repeated exposure can de-fat skin and lead to dermatitis. May cause allergic skin response in some persons. Intense long-term exposure may cause kidney problems.

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MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

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CARCINOGENICITY

OSHA: Not Reported
OTHER:

ACGIH:

NR

NTP:

NR

IARC: NR

SECTION 3 NOTES:

SECTION 4: FIRST AID MEASURES

EYES: Flush eye for 15 minutes with water while retracting eyelids. Seek medical attention.

SKIN: Remove contaminated clothing. Wash affected area with soap and water. Launder clothing before reuse. Seek medical attention if irritation persists.

INGESTION: Do not induce vomiting. If conscious, give victim cold water. Never give anything by mouth to an unconscious person. Seek medical attention.

INHALATION: Remove victim to fresh air. If breathing has stopped, a trained person should perform artificial respiration. Seek medical attention.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:

SECTION 4 NOTES:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: N.e.
(% BY VOLUME) **LOWER:** N.e.

FLASH POINT:
F: N.D. @212°
C:

METHOD USED:

AUTOIGNITION TEMPERATURE:
F: 711°
C:

NFPA HAZARD CLASSIFICATION

HEALTH:
OTHER:

FLAMMABILITY:

REACTIVITY:

HMIS HAZARD CLASSIFICATION

HEALTH:
PROTECTION:

FLAMMABILITY:

REACTIVITY:

EXTINGUISHING MEDIA:

SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to cool containers below the flash point or to disperse vapor. Fire crews should wear self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

HAZARDOUS DECOMPOSITION PRODUCTS:

SECTION 5 NOTES:

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SECTION 6: ACCIDENTAL RELEASE MEASURES

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ACCIDENTAL RELEASE MEASURES:

SECTION 6 NOTES:

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE:

OTHER PRECAUTIONS:

SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

VENTILATION : Use in well ventilated area.

RESPIRATORY PROTECTION: No respiratory protection is required under normal conditions of use. Consider the use of respiratory protection in confined spaces or at elevated temperatures.

EYE PROTECTION: Chemical safety goggles recommended. A face shield may be warranted in some applications.

SKIN PROTECTION: Suitable protective clothing and impervious boots.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Emergency eye wash and shower should be available.

WORK HYGIENIC PRACTICES: Use standard practices.

EXPOSURE GUIDELINES:

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Thin opaque white

ODOR: Strong Orange

PHYSICAL STATE: Liquid

pH AS SUPPLIED: 8.5

pH (Other):

BOILING POINT:

F: 196°

C:

MELTING POINT: None

F:

C:

FREEZING POINT:

F: 32°

C:

VAPOR PRESSURE (mmHg): N.e

@

F: >1

C:

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VAPOR DENSITY (AIR = 1):
@

F:
C:
SPECIFIC GRAVITY (H2O = 1):
@

F: .98
C:
EVAPORATION RATE:

BASIS (=1): >1

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (con't)

SOLUBILITY IN WATER: Completely soluble in water.

PERCENT SOLIDS BY WEIGHT:

PERCENT VOLATILE:
BY WT/ BY VOL @
F:
C:

VOLATILE ORGANIC COMPOUNDS (VOC):

WITH WATER:	LBS/GAL
WITHOUT WATER:	LBS/GAL

MOLECULAR WEIGHT:
VISCOSITY:
@

F:
C:

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

STABLE

UNSTABLE

STABILITY:

CONDITIONS TO AVOID (STABILITY):

INCOMPATIBILITY (MATERIAL TO AVOID):

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:

HAZARDOUS POLYMERIZATION:

CONDITIONS TO AVOID (POLYMERIZATION):

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Non Toxic

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION

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ECOLOGICAL INFORMATION: Will biodegrade in less than thirty (30) days.

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of according to federal, state and local laws.

RCRA HAZARD CLASS:

SECTION 13: DISPOSAL CONSIDERATIONS (con't)

SECTION 13 NOTES:

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME:
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENT:

WATER TRANSPORTATION

PROPER SHIPPING NAME:
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENTS:

AIR TRANSPORTATION

PROPER SHIPPING NAME:
HAZARD CLASS:
ID NUMBER:
PACKING GROUP:
LABEL STATEMENTS:

OTHER AGENCIES:

SECTION 14 NOTES:

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT):

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES:

313 REPORTABLE INGREDIENTS:

STATE REGULATIONS:

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SECTION 15 NOTES:

SECTION 16: OTHER INFORMATION

OTHER INFORMATION:

PREPARATION INFORMATION:

DISCLAIMER: