

# SAFETY DATA SHEET

Date Prepared : 05/19/2015

SDS No : United Chemical & Supply Co\_Echo 81 #0116405

**Core ECO 81 #116405**

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** Core ECO 81 #1 16405  
**GENERAL USE:** Cleaner/Degreaser  
**PRODUCT DESCRIPTION:** Peroxide Powered Cleaner Degreaser  
**CHEMICAL FAMILY:** Peroxide/detergent blend

### DISTRIBUTOR

United Chemical & Supply Co  
PO Box 5066  
201 Fair Forest Way  
Greenville, SC 29607  
**Customer Service:** 864-234-5922

### 24 HR. EMERGENCY TELEPHONE NUMBERS

**CHEM-TEL (Medical and Transportation):** 800-255-3924  
**POISON CONTROL CENTER (Medical):** 800-222-1222

## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATIONS

#### Health:

Eye Irritation, Category 2A  
Skin Irritation, Category 2

### GHS LABEL



Exclamation  
mark

**SIGNAL WORD:** WARNING

### HAZARD STATEMENTS

H319: Causes serious eye irritation.  
H315: Causes skin irritation.  
H303: May be harmful if swallowed.

### PRECAUTIONARY STATEMENT(S)

#### Prevention:

P262: Do not get in eyes, on skin, or on clothing.  
P280: Wear protective gloves/protective clothing/eye protection/face protection.  
P264: Wash hands thoroughly after handling.  
P102: Keep out of reach of children.  
P273: Avoid release to the environment.

#### Response:

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P337+P313: If eye irritation persists: Get medical advice/attention.  
P302+P352: IF ON SKIN: Wash with plenty of soap and water  
P332+P313: If skin irritation occurs: Get medical advice/attention.  
P362: Take off contaminated clothing.  
P301+P312: IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.

#### Storage:

P404: Store in a closed container.

**Disposal:**

P501: Dispose of contents/container according to all local, state and Federal regulations.

**EMERGENCY OVERVIEW**

**PHYSICAL APPEARANCE:** Clear Liquid

**IMMEDIATE CONCERNS:** Eye & Skin irritant

**POTENTIAL HEALTH EFFECTS**

**EYES:** Irritating, and may injure eye tissue if not removed promptly.

**SKIN:** Skin irritant with prolonged or repeated contact.

**SKIN ABSORPTION:** None Expected.

**INGESTION:** Although of moderate to low toxicity, ingestion can cause gastrointestinal irritation, nausea, vomiting, diarrhea, and possible death.

**INHALATION:** Mist is irritating to nose, throat and lungs.

**REPRODUCTIVE TOXICITY**

**TERATOGENIC EFFECTS:** None known.

**CARCINOGENICITY:** Contains an ingredient listed under IARC Group 3 status.

**MUTAGENICITY:** None known.

**MEDICAL CONDITIONS AGGRAVATED:** Previous skin conditions such as dermatitis may be aggravated.

**ROUTES OF ENTRY:** Eye, skin, ingestion.

**CANCER STATEMENT:** None

**WARNING CAUTION LABELS:** Irritant

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
Ethoxylate Alcohol C9-11	0 - 5	68439-46-3
Primary Alcohol Ethoxylate C11	0 - 5	34398-01-1
Sodium Octanesulfonate	0 - 5	5324-84-5
Hydrogen Peroxide	0 - 5	7722-84-1
Fragrance	0 - 1	N/A
Water	85 - 90	7732-18-5

**4. FIRST AID MEASURES**

**EYES:** Immediately flush eyes with water for at least 15 minutes, while holding eyelids open. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Seek medical attention immediately.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** Remove victim to fresh air and monitor. Seek medical advise if irritation persists.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE**

**EYES:** Burning sensation with tearing, redness.

**SKIN:** Prolonged contact will cause irritation marked by redness, burning sensation.

**SKIN ABSORPTION:** Not Established

**INGESTION:** Irritation of mouth, throat, along with stomach upset, vomiting.

**INHALATION:** Irritation of nose, throat and lungs with coughing, sneezing, possible difficulty breathing.

**ACUTE EFFECTS:** Not Established

## 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** NA = Not Applicable

**GENERAL HAZARD:** NA = Not Applicable

**EXTINGUISHING MEDIA:** Not required. Water based material.

## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Avoid walking in product. Wipe up or otherwise flush small spills to sanitary sewer.

**LARGE SPILL:** Avoid walking in material. Prevent product from entering into stream, soil, storm sewer or other bodies of water.

### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Avoid discharges into open waterways.

**LAND SPILL:** Avoid discharge to soil.

**GENERAL PROCEDURES:** Isolate spill or leak area immediately. Keep unauthorized personnel away. Do not touch or walk through spilled material. Prevent entry into waterways, sewers, or confined areas. Absorb with dry earth, sand or other non-combustible material and transfer to containers.

**SPECIAL PROTECTIVE EQUIPMENT:** Eye protection, rubber gloves, rubber boots to protect feet.

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Close container after use.

**HANDLING:** Wear eye protection, rubber gloves when handling concentrate.

**STORAGE:** Store in area inaccessible to children.

**STORAGE TEMPERATURE:** Store at ambient temperatures.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
EXPOSURE LIMITS				
Chemical Name	Type		ppm	mg/m <sup>3</sup>
Hydrogen Peroxide	OSHA PEL	TWA	1	1.4
	ACGIH TLV	TWA	1	1.4
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL

**ENGINEERING CONTROLS:** No special requirements.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Chemical splash goggles and full face-shield.

**SKIN:** Rubber or other chemical resistant gloves.

**RESPIRATORY:** A respirator is not needed under normal and intended conditions of product use.

**PROTECTIVE CLOTHING:** Chemical resistant outerwear (tyvek) if contact with spray or mist is anticipated.

**WORK HYGIENIC PRACTICES:** Wash with soap and water after handling. Do not eat, drink or smoke while using product.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**ODOR:** Citrus floral

**COLOR:** Water Clear

**pH:** 4.5 to 5.0

**PERCENT VOLATILE:** 85+  
**FLASH POINT AND METHOD:** None  
**FLAMMABLE LIMITS:** N/A  
**AUTOIGNITION TEMPERATURE:** NA = Not Applicable  
**VAPOR PRESSURE:** ≤ 20 mm Hg at (68°F)  
**VAPOR DENSITY:** ≤ 1 Air = 1  
**BOILING POINT:** ~ 100°C (212°F)  
**FREEZING POINT:** ~ 0°C (32°F)  
**MELTING POINT:** Not Available  
**SOLUBILITY IN WATER:** Complete  
**EVAPORATION RATE:** (Water =1) 1.0  
**DENSITY:** 8.48 at (68°F)  
**SPECIFIC GRAVITY:** 1.016 grams/ml.  
**VISCOSITY:** Water thin.  
**(VOC):** None

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** Stable  
**HAZARDOUS POLYMERIZATION:** No  
**CONDITIONS TO AVOID:** Not Established  
**POSSIBILITY OF HAZARDOUS REACTIONS:** None Expected.  
**HAZARDOUS DECOMPOSITION PRODUCTS:** None known.  
**INCOMPATIBLE MATERIALS:** Strong alkalis, reducing agents, chlorine bleach products.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

Chemical Name	ORAL LD <sub>50</sub> (rat)	DERMAL LD <sub>50</sub> (rabbit)	INHALATION LC <sub>50</sub> (rat)
Ethoxylate Alcohol C9-11	1400 mg/kg (rat)	> 5000 mg/kg (rat)	No data available
Primary Alcohol Ethoxylate C11	> 2000 mg/kg (rat)	> 2000 mg/kg (rabbit)	
Hydrogen Peroxide	> 2000 mg/kg (rat)	> 2000 mg/kg (rabbit)	

**DERMAL LD<sub>50</sub>:** Not Established

**ORAL LD<sub>50</sub>:** Not Established

**INHALATION LC<sub>50</sub>:** Not Established

**SERIOUS EYE DAMAGE/IRRITATION:** Irritant

**RESPIRATORY OR SKIN SENSITISATION:** No known significant effects or critical hazards.

**GERM CELL MUTAGENICITY:** No known significant effects or critical hazards.

### CARCINOGENICITY

Chemical Name	IARC Status
Hydrogen Peroxide	Group 3 - Not classifiable as to its carcinogenicity to Humans

**IARC:** 3-Group 3: Not classifiable as to its carcinogenicity to humans.

**REPRODUCTIVE TOXICITY:** No known significant effects or critical hazards.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Not Established

**ECOTOXICOLOGICAL INFORMATION:** Not Established

**AQUATIC TOXICITY (ACUTE):** Not Established

**13. DISPOSAL CONSIDERATIONS**

**DISPOSAL METHOD:** Small amounts (less than 5 gallons) may be disposed of in sanitary sewer. Consult local authorities for additional disposal information.

**FOR LARGE SPILLS:** Consult with local and state authorities for large volume disposal.

**PRODUCT DISPOSAL:** See above.

**EMPTY CONTAINER:** Rinse container with clear water. Offer container for recycling, or dispose of in trash.

**RCRA/EPA WASTE INFORMATION:** NA = Not Applicable

**14. TRANSPORT INFORMATION**

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Cleaning Compound, not regulated.

**ROAD AND RAIL (ADR/RID)**

**PROPER SHIPPING NAME:** Cleaning Compound, not regulated.

**AIR (ICAO/IATA)**

**SHIPPING NAME:** Cleaning Compound, not regulated.

**VESSEL (IMO/IMDG)**

**SHIPPING NAME:** Cleaning Compound, not regulated.

**15. REGULATORY INFORMATION**

**UNITED STATES**

**SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)**

**311/312 HAZARD CATEGORIES:** Health - Acute

**FIRE:** No **PRESSURE GENERATING:** No **REACTIVITY:** No **ACUTE:** Yes **CHRONIC:** No

**313 REPORTABLE INGREDIENTS:** None

**302/304 EMERGENCY PLANNING**

**EMERGENCY PLAN:** NA = Not Applicable

**CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)**

**CERCLA REGULATORY:** NA = Not Applicable

**TSCA (TOXIC SUBSTANCE CONTROL ACT)**

**TSCA REGULATORY:** All ingredients are listed on the TSCA Chemical Inventory.

**STATES WITH SPECIAL REQUIREMENTS**

Chemical Name	Requirements
Hydrogen Peroxide	Massachusetts Right to Know Substance New Jersey Right To Know Substance New York Right to Know Substance Pennsylvania Right to Know Substance

**CALIFORNIA PROPOSITION 65:** None

**CARCINOGEN:** The International Agency for Research on Cancer (IARC) has concluded that there is inadequate evidence for carcinogenicity of hydrogen peroxide in humans, but limited evidence in experimental animals (Group 3 - not classifiable as to its carcinogenicity in humans).

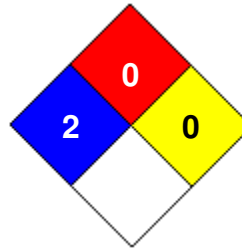
**16. OTHER INFORMATION**

**PREPARED BY:** Regulatory Affairs Department **Date Prepared:** 05/19/2015

### HMIS RATING

HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B

### NFPA CODES



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