

## SAFETY DATA SHEET

### SECTION I IDENTIFICATION

PRODUCT NAME: ACE OXY-CLEANER  
PRODUCT CODE: P/N 5304, 5305  
CHEMICAL FAMILY: AQUEOUS CLEANING COMPOUND

Pg. 1/4  
Version 5  
5/1/2013  
Meets GHS requirements

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### SECTION II HAZARD IDENTIFICATION



ROUTES OF ENTRY: Skin, Eyes, Ingestion, Inhalation

#### WARNING:

HEALTH HAZARDS:  
(acute & chronic)

**SKIN** - May cause irritation. May be severe if contact is prolonged or repeated.  
**EYES** - Direct contact may cause severe irritation to eyes. Damage may be irreversible in severe cases.  
**INHALATION** - Causes severe irritation of the nose, throat, respiratory tract and mucous membranes. Vapor or mist may be harmful in large doses. May cause respiratory sensitization.  
**INGESTION** - Causes severe irritation of the gastrointestinal tract and mucous membranes. Swallowing large amount can be harmful.

CARCINOGENICITY: Not listed by OSHA, IARC, OR NTP.

### SECTION III COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL:	% by wt.	CAS #	OSHA PEL	ACGIH TLV
Hydrogen Peroxide	5 - 10	7722-84-1	1 ppm TWA	1 ppm TWA

### SECTION IV FIRST AID MEASURES

**SKIN CONTACT:** Remove contaminated clothing. Wash under shower with mild soap and warm water for at least 15 minutes. Seek medical attention if irritation occurs.

**EYE CONTACT:** Flush immediately with gently running water for a minimum of 15 minutes. If irritation persists consult a physician.

**INHALATION:** Remove to fresh air. If respiratory irritation or breathing difficulty develops, consult a physician.

**INGESTION:** DO NOT induce vomiting. Drink large quantities of water and call physician or local poison control center. Never give anything by mouth to an unconscious person.

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#### SECTION V FIRE FIGHTING MEASURES

FLASH POINT: N/AP

EXTINGUISHING MEDIA: Water spray, foam, dry chemical powder, or carbon dioxide

SPECIAL PROCEDURES: Firefighters should wear proper protective equipment and self contained breathing apparatus with full face piece operated in positive pressure mode. Move containers from fire area if it can be done without risk. Use water to keep fire-exposed containers cool.

UNUSUAL HAZARDS: Residues may burn if water is evaporated. Contains an oxidizer that may decompose in extreme heat, rupturing containers, and accelerating existing fires.

#### SECTION VI ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: **Small Spills:** Soak up material with an absorbent such as clay, sand, or other suitable material. Dispose of contaminated product, absorbents and rinsates properly.  
**Large Spills:** Wear protective clothing as appropriate. Prevent liquid from entering sewers or waterways. Shut off source of leak if it is safe to do so. Dike and contain spilled material. Remove with vacuum trucks or pump to storage/salvage containers. Soak up residue with an absorbent such as clay, sand, or other suitable material. Dispose of contaminated product, absorbents, and rinsates properly.

#### SECTION VII HANDLING & STORAGE

WASTE DISPOSAL METHOD: Reuse or reprocess if possible. Dispose in accordance with all applicable regulations

HANDLING: Handle and open containers with care. Wear appropriate personal protection gear. Open containers carefully as they may be under pressure. Repackage only in light-blocking containers. Consider vented caps for container size greater than 5 gallons.

STORAGE: Store in a cool, well ventilated place away from incompatible materials. Protect containers from direct sunlight.

#### SECTION VIII EXPOSURE CONTROLS - PERSONAL PROTECTION



VENTILATION: Local exhaust.

RESPIRATORY PROTECTION: Not generally needed.

GLOVES: Impervious gloves are recommended to prevent skin contact.

EYE PROTECTION: Use goggles if eye contact is likely.

CLOTHING AND FOOTWEAR: Not generally needed.

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#### SECTION IX PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT:	212° F	pH:	6.0 - 6.5
FREEZING POINT:	32° F	SPECIFIC GRAVITY:	1.023
VAPOR PRESSURE:	N/A	PERCENT VOLATILE:	N/AV
VAPOR DENSITY (AIR = 1):	>1	APPEARANCE:	Clear & Colorless
SOLUBILITY IN WATER:	Complete	ODOR:	Fresh & Clean
EVAPORATION RATE:	Same as water		
(BUTYL ACETATE = 1)			

#### SECTION X STABILITY AND REACTIVITY DATA

STABILITY: Stable.

HAZARDOUS POLYMERIZATION: Will not occur.

INCOMPATIBILITY:  
(CONDITIONS TO AVOID) Avoid strong oxidizers or reducing agents.  
Avoid contact with excessive heat or sunlight.

HAZARDOUS DECOMPOSITION: In the event of fire, the following may be released:  
Oxides of Carbon, Nitrogen, and Sulfur

#### SECTION XI TOXICOLOGICAL INFORMATION

Hydrogen Peroxide: Acute oral toxicity (LD50): 1193 mg/kg, [Rat].  
Acute dermal toxicity (LD50): >2000 mg/kg, [Rabbit].  
Acute toxicity of the vapor (LC50): >0.17 mg/L, [Rat].

#### SECTION XII ECOLOGICAL INFORMATION



Hydrogen Peroxide: Ecotoxicity in water (LC50): 37.4 mg/L, 96 hours [Channel Catfish]  
Ecotoxicity in water (LC50): 16.4 mg/L, 96 hours [Fathead Minnow]  
Ecotoxicity in water (EC50): 7.7 mg/L, 24 hours [Daphnia Magna]  
Ecotoxicity in water (LC50): 2.4 mg/L, 48 hours [Daphnia Pulex]  
Ecotoxicity in water (LC50): 17.7 mg/L, 96 hours [Freshwater Snail]

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#### SECTION XIII DISPOSAL CONSIDERATIONS

**WASTE DESCRIPTION:** Clean up and dispose of waste in accordance with all federal, state, and local environmental regulations.

**GENERAL DISPOSAL CONSIDERATIONS:** If this material becomes a waste, it would not be considered hazardous under 40 CFR 261.

#### SECTION XIV TRANSPORT INFORMATION

**PROPER SHIPPING NAME:** COMPOUNDS, CLEANING LIQUID

**UN/NA NUMBER:**  
**HAZARD CLASS:**  
**PACKING GROUP:**  
**REPORTABLE QUANTITY (RQ lbs):**  
**EMERGENCY RESPONSE GUIDEBOOK:**  
**PLACARD/LABELS REQUIRED:**

#### SECTION XV REGULATORY INFORMATION

**OSHA HAZARDOUS CHEMICAL:** no  
**SARA 302 COMPONENTS:** none  
**SARA 311/312:** Immediate (X) Delayed ( ) Fire ( ) Reactive ( )  
Sudden release of Pressure ( )  
**SARA 313 COMPONENTS:** None

#### SECTION XVI OTHER INFORMATION

**HMIS:** Health = 2; Flammability = 0; Reactivity = 0; Physical Hazard = 1

#### DISCLAIMER

The information herein has been from sources believed to be accurate, reliable and up to date to the best of our knowledge. However, we cannot give any guarantees regarding information from other sources and do not make any warranties nor assume any liability from its use or misuse.

**End of SDS**