

**Safety Data Sheet**  
**DEEP CLEAN**

**SECTION I – IDENTIFICATION**

**PRODUCT NAME:** DEEP CLEAN  
**PRODUCT CODE:** 2850  
**PRODUCT USE:** Acidic Cleaner  
**COMPANY NAME:** ATCO International  
**COMPANY ADDRESS:** 1401 Barclay Circle,S.E., Marietta, GA 30060  
**COMPANY PHONE:** (770) 424-7550  
**EMERGENCY PHONE:** (800) 255-3924

**SECTION II – HAZARDS IDENTIFICATION**

**CLASSIFICATION:** Skin Corrosion/Irritation Category 2  
Eye Damage/Irritation Category 2A

**HAZARD STATEMENT(S): WARNING:** May be corrosive to metals. Causes skin irritation. Causes serious eye irritation.

**PRECAUTIONARY STATEMENTS:** Wash face, hands and any exposed skin thoroughly after handling. Wear protective gloves/protective clothing/eye protection/face protection. Keep only in original container. **IF IN EYES:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. **IF SWALLOWED:** Rinse mouth. Do NOT induce vomiting. Call a poison center or doctor/physician if you feel unwell. **IF ON SKIN (OR HAIR):** Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. Specific treatment (see first aid section on this label). **IF INHALED:** Remove person to fresh air and keep comfortable for breathing. Call a poison center/doctor if you feel unwell. Store locked up. Dispose of contents/container in accordance with local/regional/national/international regulations.

**SYMBOL:**



**HAZARDS NOT OTHERWISE CLASSIFIED:** N/A

**SECTION III – COMPOSITION/INFORMATION OF INGREDIENTS**

Hazardous Ingredient	CAS Number	Weight Percent (%)
Phosphoric Acid	7664-38-2	1-5
Hydrochloric Acid	7647-01-0	1-5

**SECTION IV – FIRST AID MEASURES**

**EYES:** Flush eyes with cool running water for 15 minutes. If irritation persists: Get medical advice/attention.

**INGESTION:** NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. GET MEDICAL ATTENTION IMMEDIATELY.

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**INHALATION:** Remove to fresh air. If breathing has stopped give artificial respiration. Get medical attention if you feel unwell.

**SKIN:** In case of contact, flush skin with soap and plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash and thoroughly clean contaminated clothing and shoes before reuse.

**ACUTE HEALTH HAZARDS: INHALATION:** Inhalation of fumes or mist can result in irritation. **EYE CONTACT:** May cause eye injury. **SKIN CONTACT:** May cause skin irritation. **SKIN ABSORPTION:** None known. **INGESTION:** Harmful if swallowed. Can cause irritation of mucous membranes of mouth, throat, and stomach.

**CHRONIC HEALTH HAZARDS:** None known.

**NOTE TO PHYSICIAN:** May aggravate existing eye, skin conditions.

### SECTION V – FIRE-FIGHTING MEASURES

**OSHA FLAMMABILITY CLASSIFICATION:** Not Regulated

**EXTINGUISHING MEDIA:** In case of fire, use water fog, dry chemical carbon dioxide, or “alcohol” foam.

**UNSUITABLE EXTINGUISHING MEDIA:** None known.

**SPECIAL FIRE FIGHTING PROCEDURES:** If water is used, fog nozzles are preferable. Water may be used to cool closed containers in order to prevent pressure build up which may result in an explosion.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None. However, containers may burst if overheated in fire. Cool containers using water spray or water fog nozzles.

**HAZARDOUS COMBUSTION PRODUCTS:** None Known

### SECTION VI – ACCIDENTAL RELEASE MEASURES

**PERSONAL PROTECTIVE EQUIPMENT:** Please use protective gloves/ protective clothing/ eye protection/ face protection.

**SPILL:** Stop source of spill. Absorb with inert absorbent material and dispose of in a manner consistent with applicable regulations.

**WASTE DISPOSAL:** Dispose of in accordance with applicable Federal, State, and local regulations.

**RCRA STATUS:** It is the responsibility of the product user to determine, at the time of disposal, whether a material is hazardous. Check the pH at the time of disposal.

### SECTION VII – HANDLING AND STORAGE

**HANDLING AND STORAGE:** Do not store above 120 F. Keep closure tight and container upright to prevent leakage. Store container out of sunlight and away from heat, sparks, or flame. Store only in well-ventilated areas. Follow label instructions. **KEEP OUT OF REACH OF CHILDREN.** Store in original container.

**INCOMPATIBILITY:** Bases, strong oxidizers.

### SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Phosphoric Acid	1mg/m <sup>3</sup>	1mg/m <sup>3</sup>
Hydrochloric Acid	5ppm	2mg/m <sup>3</sup>

**ENGINEERING CONTROLS / VENTILATION:** Local mechanical exhaust to provide normal ventilation.

**RESPIRATORY PROTECTION:** Wear an appropriate, properly fitted vapor respirator during application of this product in a confined space.

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**PERSONAL PROTECTIVE EQUIPMENT:** PROTECTIVE GLOVES: Impervious rubber or vinyl gloves must be used. EYE PROTECTION: Use safety eyewear designed to protect against splash of liquids. OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Not usually required.

**ADDITIONAL MEASURES:** Wash thoroughly after handling.

**SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES**

**APPEARANCE:** Clear, purple liquid  
**ODOR:** Odorless  
**ODOR THRESHOLD:** ND  
**BOILING POINT:** ND  
**FREEZING POINT:** ND  
**FLAMMABILITY:** Not considered a flammable liquid by OSHA  
**FLASH POINT:** None  
**AUTOIGNITION TEMPERATURE:** ND  
**LOWER FLAMMABILITY LIMIT:** ND  
**UPPER FLAMMABILITY LIMIT:** ND  
**VAPOR PRESSURE (mm Hg):** ND  
**VAPOR DENSITY (AIR=1):** ND  
**EVAPORATION RATE:** ND  
**SPECIFIC GRAVITY (H<sub>2</sub>O=1):** 1.01  
**DENSITY:** 8.42 lb/gl  
**pH:** Concentrated: 1 - 2  
**SOLIDS (%):** ND  
**SOLUBILITY IN WATER:** Completely Soluble  
**PARTITION COEFFICIENT: n-OCTANOL/WATER (K<sub>ow</sub>):**ND  
**VOLATILITY INCLUDING WATER (%):** ND  
**VOLATILE ORGANIC COMPOUNDS (VOC):** None  
**DIELECTRIC STRENGTH (Volts):** ND  
**DECOMPOSITION TEMPERATURE:** ND  
**VISCOSITY:** ND

**SECTION X – STABILITY AND REACTIVITY DATA**

**REACTIVITY:** Not Determined.  
**CHEMICAL STABILITY:** Product is stable under normal conditions.  
**CONDITIONS TO AVOID:** Avoid mixing with oxidizing materials.  
**INCOMPATIBILITY:** Bases, Strong oxidizers.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCT:** Thermal decomposition and or burning may produce oxides of carbon and various hydrocarbons.

**SECTION XI – TOXICOLOGICAL INFORMATION**

**TOXICOLOGICAL INFORMATION:** No Data

HAZARDOUS INGREDIENT	RESULT	SPECIES	DOSE

**ROUTES OF ENTRY:** Inhalation, Eye Contact, Skin Contact, Ingestion

**EYES:** May cause eye injury.

**INGESTION:** Harmful if swallowed. Corrosive effects. Can cause irritation of mucous membranes of mouth, throat, and stomach.

**INHALATION:** Inhalation of fumes or mist can result in irritation to the upper respiratory tract and lungs.

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**SKIN:** Product can cause skin irritation.

**MEDICAL CONDITION AGGRAVATED:** May aggravate existing eye, skin, or upper respiratory conditions.

**CHRONIC HEALTH HAZARDS:** None known.

**CARCINOGENICITY:** OSHA:NA ACGIH:NA NTP:NA IARC:NA OTHER:NA

**SECTION XII – ECOLOGICAL INFORMATION**

**ECOLOGICAL INFORMATION:** No Data.

**BIODEGRADABILITY:** There is no data available.

**BIOACCUMULATION:** The product is not expected to bioaccumulate. **SOIL MOBILITY:** There is no data available.

**OTHER ECOLOGICAL HAZARDS:** No Data.

**SECTION XIII --- DISPOSAL CONSIDERATIONS**

**WASTE DISPOSAL:** Dispose of in accordance with applicable Federal, State, and local regulations.

**RCRA STATUS:** Under RCRA regulations, it is the responsibility of the product user to determine, at the time of disposal, whether a material is hazardous.

**SECTION XIV – TRANSPORTATION INFORMATION**

**PROPER SHIPPING NAME:** Corrosive Liquids, n.o.s. (Contains hydrochloric and phosphoric acid)

**HAZARD CLASS/DIVISION:** 8

**UN/NA NUMBER:** UN 1760

**PACKAGING GROUP:** III

**AIR SHIPMENT**

**PROPER SHIPPING NAME:** Corrosive Liquid, n.o.s. (Contains hydrochloric and phosphoric acid)

**HAZARD CLASS/DIVISION:** 8

**UN/NA NUMBER:** UN 1760

**PACKAGING GROUP:** III

**SHIPPING BY WATER:**

**VESSEL (IMO/IMDG)**

**PROPER SHIPPING NAME:** Corrosive Liquid, n.o.s. (Contains hydrochloric and phosphoric acid)

**HAZARD CLASS/DIVISION:** 8

**UN/NA NUMBER:** UN 1760

**PACKAGING GROUP:** III

**ENVIRONMENTAL HAZARDS WATER:** N/A

**SECTION XV – REGULATORY INFORMATION**

**TSCA STATUS:** All chemical components in this product are listed on the TSCA Inventory List, or are exempt from listing.

**CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT):** The reportable quantity (RQ) for hydrochloric acid is 13,514 pounds. RQ for phosphoric acid is 5,500 pounds. If appropriate, immediately report to the National Response Center (1-800-424-8802) as required by U.S. Federal Law. Also, contact appropriate state and local regulatory agencies.

**SARA 311/312 HAZARD CATEGORIES:** Not Determined.

**SARA 313 REPORTABLE INGREDIENTS:** (See section II, if applicable)

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**STATE REGULATIONS:** California Proposition 65: None.

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

**HMIS HEALTH:** 1  
**HMIS FLAMMABILITY:** 0  
**HMIS REACTIVITY:** 0  
**HMIS PROTECTION:** B

<b>SECTION XVI – ADDITIONAL INFORMATION</b>
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**PREPARATION BY:** Tech Services  
**DATE PREPARED:** 06/23/2017  
**REVISION DATE:** 06/23/2017

N/A = Not Applicable; N/D = Not Determined

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