

M A T E R I A L   S A F E T Y   D A T A   S H E E T

24-hour Emergency Phone: 800-255-3924

PRODUCT CODE: 1009

PRODUCT NAME: A-COOL-82  
PRODUCT CODE: 1009

H M I S   C O D E S :   H   C   F   R   P  
1            0   0   B

W H M I S   C L A S S : Not Determined

===== SECTION I - MANUFACTURER IDENTIFICATION =====

MANUFACTURER'S NAME: ATCO International  
ADDRESS : 1401 Barclay Circle  
          Marietta, GA 30060  
INFORMATION PHONE : 800-255-3924

DATE PRINTED:12/17/2010

PREPARED BY: MAURICIO A. AMAYA, DIRECTOR OF TECHNICAL SERVICES

REVISION DATE: 12/17/2010

===== SECTION II - HAZARDOUS INGREDIENTS/SARA III INFORMATION =====

REPORTABLE COMPONENTS	CAS NUMBER	PEL	TIV	WEIGHT PERCENT
-----	-----	-----	-----	-----
NONE				

===== SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS =====

BOILING RANGE:	>212 F	SPECIFIC GRAVITY (H2O=1):	1.04
VAPOR DENSITY:	ND	EVAPORATION RATE:	ND
DENSITY:	8.87 lb/gl	MATERIAL V.O.C.:	ND
SOLUBILITY IN WATER:	COMPLETELY SOLUBLE.	pH (Concentrate):	9.5
APPEARANCE:	CLEAR AMBER LIQUID.	pH (Diluted):	ND
ODOR:	NONE.		

===== SECTION IV - FIRE AND EXPLOSION HAZARD DATA =====

OSHA FLAMMABILITY CLASSIFICATION:	CLASS IIIB	METHOD USED:	ESTIMATE
FLASH POINT:	NONE F	UPPER:	ND
FLAMMABLE LIMITS IN AIR BY VOLUME- LOWER:	ND		

EXTINGUISHING MEDIA: Water fog, Carbon dioxide, Dry chemical, or Foam.

SPECIAL FIREFIGHTING 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 containers rupturing. Use self contained breathing apparatus and protective clothing.

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

24-hour Emergency Phone: 800-255-3924

PRODUCT CODE: 1009

## ===== SECTION V - REACTIVITY DATA =====

**STABILITY:** Product is stable under normal conditions.

**CONDITIONS TO AVOID:** Open flame, sparks, or high temperature.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Acids, strong oxidizers.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** Oxides of carbon and phosphorous.

**HAZARDOUS POLYMERIZATION:** Will not occur under normal conditions.

## ===== SECTION VI - HEALTH HAZARD DATA =====

**PRIMARY ROUTES OF ENTRY:** Inhalation   X              Eye Contact         
Skin Contact   X              Ingestion       

**EXPOSURE LIMIT:** Refer to Section II for PEL / TLV exposure limits.

**ACUTE EFFECTS OF OVEREXPOSURE**

**INHALATION:** Inhalation of mists may irritate upper respiratory tract.

**EYE CONTACT:** Eye irritant. May cause injury if left untreated.

**SKIN CONTACT:** Can cause irritation which may include the following symptoms: reddening, swelling, rash, scaling or blistering.

**SKIN ABSORPTION:** No evidence of adverse effects from available information.

**INGESTION:** This product may be harmful or fatal if ingested.

**CHRONIC EFFECTS OF OVEREXPOSURE:** Chronic effects and medical conditions aggravated by overexposure to this product have not been established. Unnecessary exposure to this product or any chemical should be avoided.

**CARCINOGENICITY:** NTP CARCINOGEN:        IARC MONOGRAPHS:        OSHA REGULATED:       

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE:** Persons with pre-existing skin disorders or eye problems, or impaired liver, kidney or respiratory function may be more susceptible to the effects of this product.

**EMERGENCY AND FIRST AID PROCEDURES**

**INHALATION:** Remove to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid immediately.

**EYE CONTACT:** Immediately flush eyes with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.

**SKIN CONTACT:** Wash exposed area thoroughly with soap and water. Consult a physician if irritation develops.

**INGESTION: IF SWALLOWED:** Call a physician immediately. Do NOT induce vomiting unless directed to do so by a physician. Never give anything by mouth to an unconscious person.

24-hour Emergency Phone: 800-255-3924

PRODUCT CODE: 1009

===== SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE =====

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Avoid breathing vapors. Shut off source of spill if it can be done safely and keep it from reaching sanitary sewage. Use non-sparking tools. Absorb with inert, absorbant material and dispose of in accordance with applicable regulations.

**WASTE DISPOSAL METHOD:** Dispose of in accordance with applicable Federal, State, and local regulations. Under RCRA regulations, it is the responsibility of the product user to determine, at the time of disposal, whether a material is hazardous.

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Do not store above 120 F. Keep closure tight and container upright to prevent leakage. Store drum out of sunlight in a cool, dry place and away from heat. Store only in well-ventilated areas.

**OTHER PRECAUTIONS:** Follow label instructions. KEEP OUT OF REACH OF CHILDREN.

===== SECTION VIII - PERSONEL SAFETY MEASURES =====

**RESPIRATORY PROTECTION:** Not normally required if good ventilation is maintained. Avoid breathing vapors or mist.

**VENTILATION:** Local mechanical exhaust to provide normal ventilation.

**PROTECTIVE GLOVES:** Impervious gloves recommended.

**EYE PROTECTION:** Use safety eyewear designed to protect against splash of liquids.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** No other protective clothing is required, however, if clothing is contaminated, remove and wash before reuse.

**WORK/HYGIENIC PRACTICES:** Wash thoroughly after handling.

===== SECTION IX - REGULATORY INFORMATION =====

**TOXIC SUBSTANCES CONTROL ACT (TSCA):** All chemical components in this product are listed on the TSCA Inventory List, or are exempt from listing.

**SARA Section 312 HAZARD CATEGORIES:** Fire Hazard\_\_\_ Reactivity Hazard\_\_\_

Acute Health Hazard X Chronic Health Hazard\_\_\_ Pressure Hazard\_\_\_

**SARA Section 313 REPORTABLE COMPONENTS:** (See Section II, If Applicable)

===== SECTION X - SHIPPING INFORMATION =====

**DOT SHIPPING NAME:** Cleaning Compound - liquid

**DOT HAZARD CLASS:** Not Applicable

**UN NUMBER:** Not Applicable

**DOT PACKING GROUP:** Not Applicable

**SPECIAL SHIPPING INFORMATION:** Not Applicable

===== DISCLAIMER =====

The information on this Material Safety Data Sheet represents our current available data and best opinion as to the proper handling in use of this product under normal conditions. Any use of this product which is not in conformance with this Data Sheet or which involves using this product in combination with other materials, or processes is the sole responsibility of the user.