

**Material Safety Data Sheet  
(AC 180)**

<b>JMN Specialties, Inc.</b> 1100 Victory Drive Westwego, LA 70094 (504) 341-3749 ISO 9001 Registered	<b>HMIS HEALTH:</b> .....2 <b>HMIS FLAMMABILITY:</b> .....0 <b>HMIS REACTIVITY:</b> .....0 <b>PERSONAL PROTECTION:</b> .....H  <b>EMERGENCY NUMBER:</b> .....800-255-3924
---	--

**SECTION 1 – IDENTIFICATION OF CHEMICAL PRODUCT**

**PRODUCT NAME:**..... AC 180  
**EFFECTIVE DATE:**..... July 27, 2007  
**CHEMICAL FAMILY:** ..... Compound Cleaning Liquid  
**FORMULA:** ..... Proprietary  
**CAS NUMBER:** ..... Blend

**SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS**

<b>HAZARDOUS INGREDIENT</b>	<b>PERCENT</b>	<b>CAS NUMBER</b>	<b>PEL</b>
Amidosulfonic Acid	10 - 15	7773-06-0	None Established
Glycolic Acid	15 - 20	79-14-1	None Established

The criteria for listing components in the composition section are as follows: Carcinogens are listed when present at 0.1% or greater; components which are otherwise hazardous according to OSHA are listed when present at 1.0% or greater. Non-hazardous components may be listed at 3.0% or greater if not proprietary in nature. This is not intended to be complete compositional disclosure. Refer to section 14 for applicable states right to know and other regulatory information.

**SECTION 3 – HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

**APPEARANCE / ODOR:** ..... Clear to Light Amber Liquid / Mild to Ethereal Odor

**SHORT TERM EXPOSURE:** **GENERAL:** This product contains acids that are corrosive and can cause severe and painful burns on contact with any part of the body or if taken internally. The mucous membranes of the eyes and the upper respiratory tract are especially susceptible to these irritating effects. **INHALATION:** Inhalation of excessive concentrations of mist or vapor can cause severe irritation of the upper respiratory tract, resulting in coughing, burning of the throat, and a choking sensation. If inhaled deeply, edema of the lungs may occur. **EYES:** Contact with this product, either in gas or in solution, can cause severe irritation and painful burns of the eyes and eyelids. The acid **MUST** be removed quickly with thorough irrigation with water or there may be prolonged or permanent visual impairment or total loss of sight. **SKIN:** Concentrated solutions are destructive to clothing and on contact with skin, can cause severe burns unless promptly washed off. **INGESTION:** This product, when swallowed, can cause severe burns of the mucous membranes of the mouth, esophagus and stomach.

**OSHA REGULATED:** ..... No

**LISTED CARCINOGEN:** ..... **NTP:** No **IARC MONOGRAPHS:** No

# Material Safety Data Sheet (AC 180)

## POTENTIAL HEALTH EFFECTS

**INHALATION:** ..... Severe Irritant, Corrosive

**INGESTION:** ..... Corrosive

**SKIN (DERMAL):** ..... Corrosive

**OVER EXPOSURE EFFECTS:** . Immediate irritation and burning sensation to the eyes followed by possible damage to skin or eye tissue. Ingestion may cause gastric distress.

## **SECTION 4 – FIRST AID MEASURES**

### **FIRST AID:**

**SKIN CONTACT:** Remove contaminated clothing and shoes immediately. Wash affected area with soap or mild detergent and large amounts of water until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately. **EYE CONTACT:** Flush eyes immediately with large amounts of water or normal saline solution, occasionally lifting upper and lower lids until no evidence of chemical remains (at least 15-20 minutes). Get medical attention immediately. **INGESTION:** Give large amounts of fresh water or milk immediately. Do not give anything by mouth if person is unconscious or otherwise unable to swallow. If vomiting occurs, keep head below hips to prevent aspiration. Treat symptomatically and supportively. Seek medical attention immediately. **INHALATION:** Remove from exposure area to fresh air immediately. If breathing has stopped, perform artificial resuscitation. Keep person warm and at rest. Treat symptomatically and supportively. Seek medical attention immediately. Qualified medical personnel should consider administering oxygen.

## **SECTION 5 - FIRE FIGHTING MEASURES**

**FLASHPOINT:**..... NA - Water Solution

**EXTINGUISHING MEDIA:**..... Water spray, dry chemical, alcohol foam, or carbon dioxide.

### **DECOMPOSITION**

**PRODUCTS:**..... Carbon dioxide and carbon monoxide may form when heated to decomposition. Can react with most common metals to release flammable hydrogen gas.

**LOWER FLAME LIMIT:**..... NA

**HIGHER FLAME LIMIT:**..... NA

### **UNUSUAL FIRE AND**

**EXPLOSION HAZARDS:**..... None Known

### **FIRE FIGHTING**

**EQUIPMENT:**..... Fire fighters and others exposed to products of combustion should wear self-contained breathing apparatus. Equipment should be thoroughly decontaminated after use.

## **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

### **CHEMTEL EMERGENCY**

**NUMBER (24 Hour):** ..... 1-800-255-3924

# Material Safety Data Sheet (AC 180)

**SPILL:** ..... Ventilate area of leak or spill. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Neutralize with alkaline material (soda ash, lime), then absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer!

**RCRA STATUS:** ..... None

## SECTION 7 – HANDLING AND STORAGE

**HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICES. THESE PRACTICES INCLUDE AVOIDING UNNECESSARY EXPOSURE AND PROMPT REMOVAL OF MATERIAL FROM EYES, SKIN, AND CLOTHING.**

**HANDLING AND STORAGE:** .. Store in a cool dry place. Keep container closed when not in use. Drum must not be washed out or used for other purposes.

### PRECAUTIONARY

**MEASURES:** ..... Do not get in eyes, on skin, or on clothing. Do not breathe dust or vapors. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling. After handling this product, wash hands before eating, drinking, or smoking. If contact occurs, remove contaminated clothing. If needed, take firstaid action shown in Section 4.

## SECTION 8 – EXPOSURE CONTROL / PERSONAL PROTECTION

### GENERAL CONSIDERATIONS:

Consider the potential hazards of this material (see section 3), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment.

**EYE PROTECTION:**..... Chemical safety goggles meeting the specifications of OSHA 29CFR 1910.133 / ANSI Standard Z87.1 should be worn whenever there is the possibility of splashing or other contact with the eyes. Wear safety glasses meeting the specifications of OSHA 29CFR 1910.133 / ANSI Standard Z87.1 where no contact with the eye is anticipated.

### RESPIRATORY

**PROTECTION:**..... Use NIOSH approved acid vapor respirator if exposure is unknown or exceeds permissible limits. A respiratory protection program that meets OSHA's 29 CFR 1910.134 or ANSI Z88.2 requirements must be followed whenever workplace conditions warrant respirator use.

**Use NIOSH / MSHA approved respiratory protection equipment when airborne exposure limits are exceeded (see below). Consult the respirator manufacturer to determine appropriate type of equipment for a given application. Observe respirator use limitations specified by NIOSH / MSHA or the manufacturer. Respiratory protection programs must comply with 29 CFR 1910.134.**

**WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.**

**PROTECTIVE GLOVES:**..... Wear impervious gloves

# Material Safety Data Sheet (AC 180)

**VENTILATION:** A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

**MECHANICAL EXHAUST:** ..... Desired in closed places

**LOCAL EXHAUST:** ..... Recommended

**VENTILATION NOTES:** Provide natural or mechanical ventilation to control exposure levels below Airborne exposure limits (see below). The use of local mechanical exhaust ventilation is preferred at sources of air contamination such as open process equipment. Consult NFPA Standard 91 for design of exhaust systems.

**THRESHOLD LIMIT VALUE:** . None established for this product.

**PROTECTIVE EQUIPMENT:**... HMIS PERSONAL PROTECTION: H: Splash Goggles, Gloves, Apron, Vapor Respirator

The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

**APPEARANCE / ODOR:** ..... Clear to Light Amber Liquid / Mild to Ethereal Odor

**BOILING POINT:** ..... 212°F

**FREEZING POINT:** ..... 32°F

**VAPOR PRESSURE:**..... ND

**VAPOR DENSITY (AIR=1):** ..... > 1

**SPECIFIC GRAVITY:** ..... 1.07 - 1.10

**pH:** ..... 1.06 - 1.09

**SOLUBILITY IN WATER:** ..... Complete

## SECTION 10 – STABILITY AND REACTIVITY

**STABILITY:**..... Stable

**HAZARDOUS**

**POLYMERIZATION:** ..... Will Not Occur

**POLYMERIZATION AVOID:**... None

**INCOMPATIBILITY:** ..... Chlorine, Potassium Chlorate, Nitric Acid, Metal Nitrates and Nitrites, Bases, Bromine Gas.

**CONDITIONS TO AVOID:**..... Contact with Chlorine, Potassium Chlorate, Nitric Acid, Metal Nitrates and Nitrites, Bases, Bromine Gas.

# Material Safety Data Sheet (AC 180)

## SECTION 11 – TOXICOLOGICAL INFORMATION

### EYE EFFECTS:

The eye irritation hazard is based on data from information supplied by raw material(s) supplier(s).

### SKIN EFFECTS:

The skin irritation hazard is based on data from information supplied by raw material(s) supplier(s).

### ACUTE ORAL EFFECTS:

The acute oral toxicity is based on data from information supplied by raw material(s) supplier(s).

### ACUTE INHALATION EFFECTS:

The acute respiratory toxicity is based on data from information supplied by raw material(s) supplier(s).

## SECTION 12 – ECOLOGICAL INFORMATION

Data from laboratory studies and from scientific literature is noted below if available.

## SECTION 13 DISPOSAL CONSIDERATIONS

**WASTE DISPOSAL:** ..... Treatment, storage, transportation and disposal must be in accordance with Federal, State/Provincial and Local Regulations. Regulations may vary in different locations. Characterization and compliance with applicable laws are the responsibility solely of the generator. Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

## SECTION 14- TRANSPORTATION INFORMATION

The data provided in this section is for information only. The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate regulations to properly classify your shipment for transportation.

**PROPER SHIPPING NAME:**..... Corrosive Liquid N.O.S. Contains (Amidosulfonic and Glycolic Acid), 8, UN1760, PGII. Guide #154.

**REPORTABLE QUANTITY:**..... None

**HAZARD CLASS AND LABEL:** 8, Corrosive Liquid

**UN NUMBER:** ..... 1760

**NA NUMBER:** ..... None

**PACKAGING SIZE:**..... 55 gal. drums, 5 gal. pails

## SECTION 15 - REGULATORY INFORMATION

### SARA 311 CATEGORIES:

**EPA ACUTE:**..... Yes

**EPA CHRONIC:** ..... No

# Material Safety Data Sheet (AC 180)

EPA IGNITABILITY: ..... No  
EPA REACTIVITY: ..... No  
EPA SUDDEN RELEASE  
OF PRESSURE: ..... No

CERCLA RQ VALUE: ..... None  
SARA TPQ: ..... None  
SARA RQ: ..... None  
EPA HAZARD WASTE #: ..... D002 - Characteristic of Corrosivity  
CLEAN AIR: ..... NA  
CLEAN WATER: ..... CWA Section 311  
SARA SECTION 313: ..... None  
NFPA HEALTH: ..... 2  
NFPA FLAMMABILITY: ..... 0  
NFPA REACTIVITY: ..... 0  
DEA Chemical Trafficking Act:.. No  
TSCA STATUS: ..... All ingredients in this product are on the TSCA Inventory List.

## SECTION 16 - ADDITIONAL INFORMATION

**FOOT NOTES:** ND - No Data Available NA - Not Applicable < = Less Than > = Greater Than

Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by the Company Health and Risk Assessment Unit, PO Box 1519, Gretna, LA 70054-1519.

**REVISION STATEMENT:** Changes have been made throughout this Material Safety Data Sheet. Please read the entire document.

### DISCLAIMER:

Although the information and recommendations set forth herein (hereinafter "Information") are presented in good faith and believed to be correct as of the date hereof, the Company makes no representations as to the completeness or accuracy thereof. Information is supplied upon the condition that the persons receiving this MSDS will make their own determination as to its suitability for their intended purposes prior to use. Since the product is within the exclusive control of the user, it is the user's obligation to determine the conditions of safe use of this product. Such conditions should comply with all Federal Regulations concerning the Product. It must be recognized that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. **NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OF ANY OTHER NATURE ARE MADE HEREUNDER WITH RESPECT TO INFORMATION OR THE PRODUCT TO WHICH INFORMATION REFERS.**

\*\*\*\*\*  
**THIS IS THE LAST PAGE OF THIS MSDS**  
\*\*\*\*\*