



Safety Data Sheet (AC 1980)

1 – PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME:AC 1980
**CHEMICAL NAME/
CLASS/SYNONYMS:**SULFURIC ACID 66Be°
PRODUCT NUMBER:.....AC 1980
UN/NA NUMBER:.....1830
CHEMICAL FAMILY:Acid, Inorganic
CAS NUMBER:.....7664-93-9
FORMULA:.....H₂SO₄

COMPANY:**JMN Specialties, Inc.**
1100 Victory Drive – Westwego, Louisiana USA 70094
Phone (504) 341-3749, Fax (504) 341-5868
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DATE PREPARED:March 26, 2024

2 – HAZARDS IDENTIFICATION

GHS HAZARD CLASSIFICATION:

Physical Hazards

Flammable Liquids:No Hazard Statement established for this Product

Corrosive Liquids:Corrosive to metals

Health Hazards

Acute Toxicity:.....Category 4 - Harmful if swallowed, in contact with skin, inhaled

Skin Corrosion/Irritation:Category 1A - Causes severe skin burns and eye damage

Eye Damage/Irritation:Category 1 - Causes severe eye damage

Aspiration Hazard:Category 1 - May be fatal if swallowed and enters airways

Carcinogen:Category 1A - Known to have carcinogenic potential for humans

Specific Target Organ

Toxicity Single ExposureCategory 3: Respiratory tract irritation (sore throat, cough).

Specific Target Organ

Toxicity Repeated Exposure .Category 2: May cause damage to organs through prolonged or repeated exposure.

Hazardous to the Environment

Aquatic (Acute).....Category 3, Greater than 10 and less than or equal to 100 mg/L.

Aquatic (Chronic) Category 3, Greater than 10 and less than or equal to 100 mg/L

See Section 11 for additional Toxicological information



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EMERGENCY OVERVIEW:

Pictograms:



Signal Word (GHS-US):**DANGER!**

Hazard Statements:

Physical Hazards (GHS-US):

H290: May be corrosive to metals

Health Hazards (GHS-US):

H314: Causes severe skin burns and eye damage. H318: Causes serious eye damage. H335 May cause respiratory irritation. H350 May cause cancer.

Environmental Hazards (GHS-US):

H402: Harmful to aquatic life

Precautionary Statements (GHS-US):

P101+102+103: If medical advice is needed, have product container or label at hand. Keep out of the reach of children. Read label before use.

P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P234 Keep only in original container. P261 Avoid breathing dust/ fume/ gas/ mist/ vapors/ spray. P264 Wash skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P406 Store in corrosive resistant container with a resistant inner liner.

Response Statements (GHS-US):

P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/ shower. P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER/ doctor. P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/ doctor. P314 Get medical advice/ attention if you feel unwell. P363 Wash contaminated clothing before reuse. P390 Absorb spillage to prevent material damage.

P501: Dispose of contents/container: Treatment, storage, transportation and disposal must be in accordance with Federal, State/Provincial and Local Regulations. Regulations may vary in different locations.

TOTAL VOC's:.....0%



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3 – COMPOSITION / INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	PERCENT*	CAS NUMBER
Sulfuric Acid	93 - 96	7664-93-9

*Any concentration shown as a range is to protect confidentiality or is due to batch variation. When not listed, mixtures may contain water [CAS No. 7732-18-5] to 100%.

4 – FIRST-AID MEASURES

- BREATHING (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.
- SWALLOWING (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.
- EYES:** Flush eye with copious quantities of water. If persistent irritation occurs, obtain medical attention. If liquid sulfuric acid or solutions containing sulfuric acid get into the eyes, flush eyes immediately with a directed stream of water for at least 30 minutes while forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. **GET MEDICAL ATTENTION IMMEDIATELY.** Contact lenses should not be worn when working with this chemical.
- SKIN (DERMAL):** Remove contaminated clothing and wash affected skin with soap and water. If persistent irritation occurs, obtain medical attention. When using high pressure equipment, injection of product under the skin can occur. If high pressure injuries occur, the casualty should be sent immediately to a hospital. Do not wait for symptoms to develop.
- NOTE TO PHYSICIAN:**..... Sulfuric acid is reported to cause pulmonary function impairment. Periodic surveillance is indicated. Sulfuric acid may cause acute lung damage. Surveillance of the lungs is indicated. Ingestion may cause gastroesophageal perforation. Perforation may occur within 72 hours, but along with abscess formation, can occur weeks later. Long term complications may include esophageal, gastric or pyloric strictures or stenosis. All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.



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5 – FIRE-FIGHTING MEASURES

GENERAL FIRE HAZARDS:.....Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Avoid (reject) fire-fighting water to enter environment.

AUTOIGNITION TEMP:..... No Data Available

EXTINGUISHING MEDIA:.....Fires involving small amount of combustibles may be smothered with suitable dry chemical, soda ash, lime, sand or CO₂. Use water on combustibles burning in vicinity of this material but use care as water applied directly to this acid result in evolution of heat and causes splattering.

SPECIAL FIRE FIGHTING

PROCEDURES:.....Sulfuric acid at a high concentration can cause very serious damage upon contact, as it not only causes chemical burns via hydrolysis, but also secondary thermal burns via dehydration. It burns the cornea and can lead to permanent blindness if splashed onto eyes. Spilled product on ground may be slippery. Accordingly, safety precautions should be strictly observed when handling or cleaning it when spilled as the result of a fire.

UNUSUAL FIRE AND

EXPLOSION HAZARDS:.....Containers may explode from internal pressure if confined to fire. Cool with water spray.

6 – ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES:Wear appropriate personal protective equipment before approaching spill site. For small spills, dilute with water to sewer if allowed by local and state regulations. If unable to wash product with water, absorb with inert material (sand or other approved material) and dispose of in accordance with applicable regulations.

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.



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RCRA STATUS:.....If discarded in its purchased form, this product is considered a RCRA hazardous waste. It is the responsibility of the product user to determine at the time of disposal, whether a material containing the product should be classified as a hazardous waste. (40CFR261.20-24).

7 – HANDLING and STORAGE

STORAGE:..... Keep in a tightly closed container, stored in a cool, dry, ventilated area below 44°C (110°F). Protect against physical damage. Isolate from incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product. Drum must not be washed out or used for other purposes.

HANDLING:.....Avoid contact with eyes, skin and clothing. Do not inhale vapors and fumes. Wash thoroughly after handling. Use only with adequate ventilation. Do not take internally. For industrial use only.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS

HAZARDOUS INGREDIENT
Sulfuric Acid

PEL
1 mg/m³

TLV-TWA
0.2 mg/m³ TWA
(Thoracic particulate matter)



EXPOSURE CONTROLS:..... Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.



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RESPIRATORY PROTECTION:If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information. Self-Contained Breathing Apparatus may be required for use in confined or enclosed spaces.

PROTECTIVE CLOTHING:..... **Eye/face protection:** Wear chemical goggles; face shield (if splashing is possible). **Skin protection:** Chemical resistant, impermeable gloves. Gloves should be tested to determine suitability for prolonged contact. Use of impervious apron or chemical suit and chemical resistant boots are recommended.

ADDITIONAL MEASURES:.....Avoid contact with the skin and avoid breathing vapors. Do not eat, drink, or smoke in work area. Wash hands before eating, drinking, or using restroom. Do NOT place food, coffee or other drinks in the area where dusting or splashing of solutions is possible. Handle in accordance with good industrial hygiene and safety practice. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Safety shower and eye wash should be available close to work areas.

9 – PHYSICAL / CHEMICAL PROPERTIES

BOILING POINT:..... 100°C (212°F)
FREEZING POINT:..... -31 - 10.56°C (-24 - 51.01°F)
FLASHPOINT:Non-flammable
UPPER FLAME LIMIT (%):.....NA
LOWER FLAME LIMIT (%):.....NA
VAPOR PRESSURE:< 0.3 mmHg @ 25°C (77°F)
VAPOR DENSITY (AIR=1):.....No data available
SPECIFIC GRAVITY:1.80 - 1.90
pH:< 1
SOLUBILITY IN WATER:.....100%
VOLATILITY
INCLUDING WATER:15.3 - 15.4 lb/gal @ 25°C (77°F)
MOLECULAR WEIGHT:.....No data available (G/MOLE)
EVAPORATION RATE:Similar to Water
PHYSICAL STATE:.....Liquid
COLOR:Clear to light amber
ODOR:Sharp Acidic



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10 – STABILITY and REACTIVITY

STABILITY:Stable
HAZARDOUS DECOMP.:.....Will not occur
INCOMPATIBILITY:Contact of acid with organic materials (such as chlorates, carbides, fulminates, and picrates), alkaline materials and water may cause fires and explosions. Contact of acid with metals may form toxic sulfur dioxide fumes and flammable hydrogen gas. Contact with hypochlorites (e.g., chlorine bleach), sulfides, or cyanides will produce toxic gases.
HAZARDOUS REACTIONS:.....Sulfuric Acid reacts vigorously, violently or explosively with many organic and inorganic chemicals and with water.

11 – TOXICOLOGICAL INFORMATION

THRESHOLD LIMIT VALUE:.....1 mg/m³
OSHA PEL:.....1 mg/m³ (CAL PEL 0.1 mg/m³)
LISTED CARCINOGEN:..... **ACGIH:** A1 - Confirmed Human Carcinogen (Sulfuric Acid contained in strong inorganic acid mists), **National Toxicology Program (NTP):** Known carcinogen (listed as 'Strong inorganic acid mists containing Sulfuric Acid'). **International Agency for Research on Cancer (IARC) Monograph:** Group 1 carcinogen (Sulfuric Acid) **Occupational Safety & Health Administration (OSHA) Regulated:** Yes. **Warning:** This product contains Sulfuric Acid, listed as 'Strong inorganic acid mists contain', a chemical known to the State of California to cause cancer.

MEDICAL CONDITION

AGGRAVATED:.....Overexposure to sulfuric acid mist may cause lung damage and aggravate pulmonary conditions. Contact of sulfuric acid with skin may aggravate diseases such as eczema and contact dermatitis.

INFORMATION ON ACUTE TOXICOLOGICAL EFFECTS

ORAL

Product:Corrosive. Causes serious burns of the mouth or perforation of the esophagus or stomach. May be fatal if swallowed.

DERMAL

Product:Corrosive. Splashes on the skin may cause severe skin burns. Direct contact can be severely irritating to the skin and may result in redness, swelling, burns and severe skin damage.

INHALATION

Product:Corrosive and highly toxic. May be harmful or fatal if inhaled. May cause severe irritation and burns of the nose, throat and respiratory tract.



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REPEATED DOSE TOXICITY

Product:Workers exposed to industrial sulfuric acid mist showed a statistical increase in laryngeal cancer. This suggests a possible relationship between carcinogenesis and inhalation of sulfuric acid mist.

SKIN CORROSION / IRRITATION

Product:Concentrated sulfuric acid destroys tissue due to its severe dehydrating action, whereas the dilute form acts as a mild irritant due to acid properties.

SERIOUS EYE DAMAGE / IRRITATION

Product:Corrosive. Direct contact with the liquid or exposure to vapors or mists may cause stinging, tearing, redness, swelling, corneal damage and irreversible eye damage. Splashes in the eyes will cause severe burns. Contact lenses should not be worn when working with this chemical.

RESPIRATORY OR SKIN SENSITIZATION

Product:Repeated exposure of workers to the mist causes chronic conjunctivitis, tracheobronchitis, stomatitis, and dermatitis, as well as dental erosion.

MUTAGENICITY

IN VITRO

Product:No Data Available

IN VIVO

Product:No Data Available

Specified Substance(s)

Sulfuric Acid

Information as provided by manufacturer

Overexposure to mists of this product can cause cancer of the larynx in humans.

CARCINOGENICITY

Product:Sulfuric Acid Mists: Suspected Human Carcinogen

REPRODUCTIVE TOXICITY

Product:Based on the available test, not expected to cause adverse effects on reproduction.

SPECIFIC TARGET ORGAN TOXICITY – SINGLE EXPOSURE

Product:.....Severe lung damage (pulmonary oedema) may occur after a single short term exposure. Symptoms of which include coughing and shortness of breath and can be delayed until hours or days after the exposure. These symptoms are aggravated by physical exertion. Concentrated sulphuric acid is highly corrosive to all tissues with which it comes in contact. Single, high exposures to sulphuric acid by inhalation, ingestion or dermal routes may be fatal.

SPECIFIC TARGET ORGAN TOXICITY – REPEATED EXPOSURE

Product:There is sufficient evidence that occupational exposure to strong, inorganic–acid mists containing sulphuric acid is carcinogenic in humans. Inhalation of sulphuric acid mists may cause an increase in upper respiratory tract neoplasms such as cancer of the larynx. This classification is for inorganic acid mists containing sulphuric acid only and does not apply to sulphuric acid or sulphuric acid solutions.



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ASPIRATION HAZARD

Product:Droplets of the product aspirated into the lungs through ingestion or vomiting may cause chemical pneumonia.

OTHER ADVERSE EFFECTS

Product:No data available

12 – ECOLOGICAL INFORMATION

ACUTE TOXICITY

FISH

Product:Bluegill/Sunfish: 49 mg/L; 48 Hr; TLm (tap water @ 20°C), Bluegill/Sunfish: 24.5 ppm; 48 Hr; TLm (fresh water).

AQUATIC INVERTEBRATES

Product:Daphnia magna, exposure time: 24 h, EC50: 29 mg/L (IUCLID)

CHRONIC TOXICITY

FISH

Product:Not determined. Keep product out of sewers and waterways.

AQUATIC INVERTEBRATES

Product:Not determined. Keep product out of sewers and waterways.

TOXICITY TO AQUATIC PLANTS

Product:The product may affect the acidity or alkalinity (pH-factor) in water with risk of harmful effects to aquatic plants.

PERSISTENCE AND DEGRADABILITY

BIODEGRADATION

Product:Sulfuric acid is soluble in water and remains indefinitely in the environment as sulfate.

BIOLOGICAL OXYGEN DEMAND

Product:No data available

CHEMICAL OXYGEN DEMAND

Product:No data available

BOD / COD RATIO

Product:No data available

BIOACCUMULATIVE POTENTIAL

Product:Sulfuric acid dissociates readily in water in hydrogen ions and sulphate ions that are naturally present in water/sediment and no potential for bioaccumulation is predicted.



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MOBILITY IN SOIL

Product:Sulfuric acid is soluble in water and has high mobility in soil. During transport through the soil, sulfuric acid will dissolve some of the soil material; in particular, the carbonate based materials. The acid will be neutralised to some degree with adsorption of the proton also occurring on clay materials. However, significant amounts of acid are expected to remain for transport down towards the ground water table. Upon reaching the ground water table, the acid will continue to move, now in the direction of the ground water flow. Lime addition may be required to rectify low pH resulting from sulfuric acid spillages.

RESULTS OF PBT AND mPvB ASSESSMENT

Product:Not fulfilling PBT (persistent/bio accumulative/toxic) criteria. Not fulfilling vPvB (very persistent, very bio accumulative) criteria.

OTHER ADVERSE EFFECTS

Product:No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential or global warming potential) are expected from this product.

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.

RCRA STATUS:.....If discarded in its purchased form, this product is considered a RCRA hazardous waste. It is the responsibility of the product user to determine at the time of disposal, whether a material containing the product should be classified as a hazardous waste. (40CFR261.20-24).



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14 – TRANSPORTATION INFORMATION

Important Note: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.



UN/NA NUMBER:.....1830
PROPER SHIPPING NAME:..... SULFURIC ACID
HAZARD CLASS:.....8
PACKAGING GROUP :II
LETTER:.....C (Corrosive substances)
ENVIRONMENTAL HAZARD:Because of modern treatment methods or method of use of this product, only an insignificant amount of the ingredients reaches the environment. That amount is at such levels as to typically not cause any adverse effects.
REPORTABLE QUANTITY:.....1000 pounds (373 kilograms) based on Sulfuric Acid in mixture

15 - REGULATIONS

This Safety Data Sheet conforms to ANSI Z400.5, and to the format requirements and the International Chemical Safety Cards of the Global Harmonizing System. This SDS complies with 29 CFR 1910.1200 (HAZARD COMMUNICATION STANDARD). **IMPORTANT:** Read this SDS before handling & disposing of this product. Pass this information on to employees, customers, & users of this product.

EPA SRA Title III Chemical Listings:

TSCA STATUS:This product is listed on the TSCA inventory. If this product is a blend, all ingredients in the product are listed on the TSCA Inventory List. Any impurities present in this product are exempt from listing.
SECTION 302:1000 pounds (373 kilograms) based on Sulfuric Acid in mixture. Threshold Planning Quantity (TPQ)
SECTION 304:1000 pounds (373 kilograms) based on Sulfuric Acid in mixture. Reportable Quantity (RQ)
SECTION 312:Immediate (acute) health hazard
SARA SECTION 313:1000 pounds (373 kilograms) based on Sulfuric Acid in mixture
ACUTE:Yes
CHRONIC:Yes
FIRE:No
PRESSURE:No
REACTIVE:Yes
CLEAN WATER ACT:Yes



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IMDG – International Marine Dangerous Goods Code

UN1830, SULPHURIC ACID, 8, II. EmS F-A, S-B. Marine Pollutant: Yes. Static Accumulator: No.

IATA

UN1830, SULPHURIC ACID, 8, II

DEA Chemical Trafficking Act:...No

Homeland Security Regulated ..

California Proposition 65This product can expose you to Sulfuric Acid, which is known to the state of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

Component.....Sulfuric Acid, CAS# 7664-93-9

Cal Prop 65 NSRL.....No Significant Risk Level

US State Right to Know (RTK)

Component.....Sulfuric Acid, CAS# 7664-93-9

MassachusettsYes **

New JerseyYes **

PennsylvaniaYes **

Illinois.....Yes **

Rhode Island.....Yes **

****RTK Chemical(s).....**Sulfuric Acid, CAS# 7664-93-9

Canada NPRISulfuric Acid, CAS# 7664-93-9

DSL (Canadian Domestic Substances List) and CEPA (Canadian Environmental Protection Act): All ingredients in this product are listed on the DSL. Any impurities present in this product are exempt from listing.

AICS / NICNAS (Australian Inventory of Chemical Substances and National Industrial Chemicals Notification and Assessment Scheme): All ingredients in this product are listed on AICS or otherwise complies with NICNAS.

MITI (Japanese Handbook of Existing and New Chemical Substances): All ingredients in this product are listed in the Handbook or has been approved in Japan by new substance notification.

ECL (Korean Toxic Substances Control Act): All ingredients in this product are listed on the Korean inventory or otherwise complies with the Korean Toxic Substances Control Act.KE-04134

Philippines Inventory (PICCS): All ingredients in this product are listed on the Philippine Inventory or otherwise complies with PICCS.

Inventory of Existing Chemical Substances in China: All ingredients in this product are listed on the Inventory of Existing Chemical Substances in China (IECSC).



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16 – OTHER INFORMATION

HMIS*

HEALTH		3
FLAMMABILITY		1
REACTIVITY		2
PERSONAL PROTECTION		H

**HMIS®HAZARD INDEX: 0=Minimal Hazard, 1=Slight Hazard, 2=Moderate Hazard, 3=Serious Hazard, 4=Severe Hazard.*

HMIS® rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this SDS and product label must be considered.

ND = No Data, NA = Not Applicable/Not Available, ≤ = Less than or equal to, ≥ = Greater than or equal to

REVISION STATEMENT: Changes have been made throughout this Safety Data Sheet (SDS). Please read the entire document. Prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and The Globally Harmonized System of Classification and Labeling of Chemicals (GHS) by the Company Health and Risk Assessment Unit.

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 Safety Data Sheet (SDS) 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 and State 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 SDS*****