

INDUSTRIAL MUNICIPAL EQUIPMENT, INC. -- #6158 SULFURIC ACID SOLUTION -- 6810-01-295-4363
===== Product Identification =====

Product ID:#6158 SULFURIC ACID SOLUTION

MSDS Date:08/01/1989

FSC:6810

NIIN:01-295-4363

MSDS Number: BHFJK

=== Responsible Party ===

Company Name:INDUSTRIAL MUNICIPAL EQUIPMENT, INC.

Address:132 WILBUR PLACE

City:BOHEMIA

State:NY

ZIP:11716

Info Phone Num:516-567-9000

Emergenc

y Phone Num:516-567-9000

CAGE:53390

=== Contractor Identification ===

Company Name:INDUSTRIAL MUNICIPAL EQUIPMENT, INC.(FORMERLY BOHEMIA,NY)

Address:1430 PROGRESS WAY SUITE 105

Box:City:SYKESVILLE

State:MD

ZIP:21784

Country:US

Phone:410-795-0500; FAX:410-795-1373

CAGE:53390

===== Composition/Information on Ingredients =====

Ingred Name:SULFURIC ACID (SARA III)

CAS:7664-93-9

RTECS #:WS5600000

Fraction by Wt: .05% WV

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3; 9192

EPA Rpt Qty:1000 LB

S

DOT Rpt Qty:1000 LBS

===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL RAT) IS 2140 MG/KG

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:CHRONIC: INHALATION OF VAPORS MAY

CAUSE SEVERE IRRITATION OR BURNS OF THE RESPIRATORY SYSTEM,

PULMONARY EDEMA, AND LUNG INFLAMMATION. MAY CAUSE SEVERE BURNS TO

SKIN AND EYES. INGESTION MAY CAUSE SEVERE BU

RNS TO MOUTH, THROAT,
AND STOMACH. MAY AFFECT KIDNEY FUNCTION. CHRONIC: MAY DAMAGE LUNGS.

Explanation of Carcinogenicity: THIS PRODUCT IS NOT LISTED BY IARC, NTP,
OR OSHA AS A CARCINOGEN.

Effects of Overexposure: SEVERE IRRITATION OR BURNS TO EYES, NOSE, AND
THROAT. PULMONARY EDEMA, BRONICAL EMPHYSEMA, CONJUNCTIVITIS,
STOMATITIS, DENTAL EROSION, NAUSEA, AND VOMITING.

Medical Cond Aggravated by Exposure: PERSONS WITH A HISTORY OF AILMENTS
OR WITH A PRE-EXISTING DISEASE INVOLVING
THE RESPIRATORY TRACT MAY
BE AT INCREASED RISK FROM EXPOSURE.

===== First Aid Measures =====

First Aid: INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NOT
BREATHING. GET MEDICAL ATTENTION. EYES: IMMEDIATELY FLUSH WITH
PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL
ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH PLENTY OF
WATER FOR 15 MINUTES. GET MEDICAL ADVICE. INGESTION: DO NOT INDUCE
VOMITING. GIVE NOT
HING BY MOUTH IF UNCONSCIOUS. GET IMMEDIATE
MEDICAL ATTENTION.

===== Fire Fighting Measures =====

Flash Point: NONFLAMMABLE

Extinguishing Media: DRY CHEMICAL

Fire Fighting Procedures: USE NIOSH APPROVED SCBA AND FULL PROTECTIVE
EQUIPMENT WHEN FIGHTING CHEMICAL FIRES. USE WATER SPRAY TO COOL
NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard: REACTS WITH MOST METALS TO FORM HYDROGEN
GAS WHICH CAN FORM EXPLOSIVE MIXTURES WITH AIR.

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===== Accidental Release Measures =====

Spill Release Procedures: NEUTRALIZE WITH SODA ASH, ABSORB WITH SAND OR
VERMICULITE, AND SCOOP UP AND CONTAINERIZE FOR PROPER DISPOSAL.

Neutralizing Agent: SODA ASH OR LIME

===== Handling and Storage =====

Handling and Storage Precautions: KEEP CONTAINERS TIGHTLY CLOSED. STORE
IN A CORROSION-PROOF AREA. KEEP CONTAINERS OUT OF SUN AND AWAY FROM
HEAT. ISOLATE FROM INCOMPATIBLE MATERIALS.

Other Precautions:DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. DO NOT BREATHE VAPORS. KEEP IN TIGHTLY CLOSED CONTAINERS. LOOSEN CLOSURES CAUTIOUSLY. USE WITH ADEQUATE VENTILATION. IN CASE OF SPILL NEUTRALIZE WITH SODA ASH OR LIME.

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===== Exposure Controls/Personal Protection =====

Respiratory Protection:NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION EXCEEDS TLV, A NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS IS RECOMMENDED.

Ventilation:USE MECHANICAL (GENERAL) OR LOCAL EXHAUST VENTILATION TO MEET TLV REQUIREMENTS.

Protective Gloves:RUBBER

Eye Protection:SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health

AVOID PROLONGED OR REPEATED EXPOSURE. DO NOT GET ON SKIN OR IN EYES. DO NOT BREATHE VAPORS OR MISTS.

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===== Physical/Chemical Properties =====

HCC:C1

Spec Gravity:1.0

Solubility in Water:COMPLETE

Appearance and Odor:CLEAR, COLORLESS LIQUID.

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
CONTACT WITH BASES, OXIDIZERS

Stability Condition to Avoid:HIGH HEAT, MOISTURE

Hazardous Decomposition Products:OXIDES OF SULFUR, HYDROGEN SULFIDE, HYDROGEN GAS

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===== Disposal Considerations =====

Waste Disposal Methods:DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS.

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