

ITEM: 5WG11 - Battery Acid Container Size 6 qt.

PICK REQ: 1359375803

SAFETY DATA SHEET (SDS)

SDS: E0151

This SDS should be attached or kept with the respective product with which it is associated.

#####

Associated Items
5WG11

HEMTRONICS INC
SAFETY DATA SHEET

ISSUE DATE: 31-DEC-2014
REVISION DATE: 31-DEC-2014
VERSION: 1

1. IDENTIFICATION

PRODUCT IDENTIFIER:
PRODUCT NAME:
SULFURIC ACID, LESS THAN 51% (1% TO 51%)
BATTERY FLUID ACID; ELECTROLYTE BATTERY ACID, SULFURIC ACID
OTHER MEANS OF IDENTIFICATION:
SDS #: 5WG-005
UN/ID NO: UN2796
RECOMMENDED USE OF THE CHEMICAL AND RESTRICTIONS ON USE:
RECOMMENDED USE: FOR INDUSTRIAL USE.
DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:
SUPPLIER ADDRESS:
HEMTRONICS, INC.
645 HEATHROW DRIVE
LINCOLNSHIRE, IL 60069
EMERGENCY TELEPHONE NUMBER:
COMPANY PHONE NUMBER: 1-800-991-0466
EMERGENCY TELEPHONE (24 HR):
INPOTRAC:
1-352-323-3500 (INTERNATIONAL)
1-800-535-5053 (NORTH AMERICA)

2. HAZARDS IDENTIFICATION

APPEARANCE: CLEAR LIQUID
PHYSICAL STATE: LIQUID
ODOR: ODORLESS
CLASSIFICATION:
SKIN CORROSION/IRRITATION: CATEGORY 1 SUB-CATEGORY B
SERIOUS EYE DAMAGE/EYE IRRITATION: CATEGORY 1
HAZARDS NOT OTHERWISE CLASSIFIED (HNOC): MAY BE HARMFUL IF SWALLOWED
SIGNAL WORD: DANGER
HAZARD STATEMENTS: CAUSES SEVERE SKIN BURNS AND EYE DAMAGE
CORROSION
PRECAUTIONARY STATEMENTS - PREVENTION:
DO NOT BREATHE DUST/FUME/GAS/MIST/VAPORS/SPRAY
USE ONLY OUTDOORS OR IN A WELL-VENTILATED AREA
WEAR RESPIRATORY PROTECTION
WASH FACE, HANDS AND ANY EXPOSED SKIN THOROUGHLY AFTER HANDLING
WEAR PROTECTIVE GLOVES/PROTECTIVE CLOTHING/EYE PROTECTION/FACE PROTECTION
PRECAUTIONARY STATEMENTS - RESPONSE:
IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN
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 OR DOCTOR/PHYSICIAN
IF ON SKIN (OR HAIR):
REMOVE/TAKE OFF IMMEDIATELY ALL CONTAMINATED CLOTHING. RINSE SKIN WITH WATER/SHOWER WASH CONTAMINATED CLOTHING BEFORE REUSE
IF INHALED:
REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING IMMEDIATELY CALL A POISON CENTER OR DOCTOR/PHYSICIAN
IF SWALLOWED: RINSE MOUTH. DO NOT INDUCE VOMITING
PRECAUTIONARY STATEMENTS - STORAGE:
STORE IN A WELL-VENTILATED PLACE. KEEP CONTAINER TIGHTLY CLOSED
STOP LOCKED UP
PRECAUTIONARY STATEMENTS - DISPOSAL:
DISPOSE OF CONTENTS/CONTAINER TO AN APPROVED WASTE DISPOSAL PLANT

3. COMPOSITION/INFORMATION ON INGREDIENTS

FORMULA: H2SO4 IN H2O

CHEMICAL NAME	CAS NO	WEIGHT-%
SULFURIC ACID	7664-93-9	1-51
WATER	7732-18-5	BALANCE

IF CHEMICAL NAME/CAS NO IS "PROPRIETARY" AND/OR WEIGHT-% IS LISTED AS A RANGE, THE SPECIFIC CHEMICAL IDENTITY AND/OR PERCENTAGE OF COMPOSITION HAS BEEN WITHHELD AS A TRADE SECRET.

4. FIRST-AID MEASURES

FIRST AID MEASURES:
GENERAL ADVICE: PROVIDE THIS SDS TO MEDICAL PERSONNEL FOR TREATMENT.
EYE CONTACT:
RINSE IMMEDIATELY WITH PLENTY OF WATER, ALSO UNDER THE EYELIDS, FOR AT LEAST 15 MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. GET IMMEDIATE MEDICAL ATTENTION.
SKIN CONTACT:
IN CASE OF CONTACT, IMMEDIATELY (WITHIN SECONDS) FLUSH SKIN WITH PLENTY OF COLD WATER FOR AT LEAST 15 MINUTES WHILE REMOVING CONTAMINATED CLOTHING AND SHOES. CALL A PHYSICIAN. WHILE THE PATIENT IS BEING TRANSPORTED TO A MEDICAL FACILITY APPLY COMPRESSES OF ICED WATER. IF MEDICAL TREATMENT MUST BE DELAYED, IMMERGE THE AFFECTED AREA IN ICED WATER OR APPLY COMPRESSES OF ICED WATER TO AFFECTED AREAS. DO NOT FREEZE TISSUE.
INHALATION:
REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION IMMEDIATELY.
INGESTION:
IF SWALLOWED, DO NOT INDUCE VOMITING EXCEPT AT THE DIRECTION OF MEDICAL PERSONNEL. RINSE MOUTH. DRINK 1 OR 2 GLASSES OF WATER. GET MEDICAL ATTENTION IMMEDIATELY.
MOST IMPORTANT SYMPTOMS AND EFFECTS:
SYMPTOMS:
CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. MAY CAUSE IRRITATION TO THE MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT. IRRITATION AND CORROSIVE BURNS TO MOUTH, THROAT, AND STOMACH.
INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:
NOTES TO PHYSICIAN:
CONTINUED WASHING OF THE AFFECTED AREA WITH COLD OR ICED WATER WILL BE HELPFUL IN REMOVING THE LAST TRACES OF SULFURIC ACID. CREAMS OR OINTMENTS SHOULD NOT BE APPLIED BEFORE OR DURING THE WASHING PHASE OF TREATMENT.

5. FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:
USE EXTINGUISHING MEASURES THAT ARE APPROPRIATE TO LOCAL CIRCUMSTANCES AND THE SURROUNDING ENVIRONMENT.
UNSUITABLE EXTINGUISHING MEDIA: NOT DETERMINED.
SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:
PRODUCT IS NOT FLAMMABLE OR COMBUSTIBLE. REACTS WITH MOST METALS, ESPECIALLY WHEN DILUTE, TO GIVE FLAMMABLE, POTENTIALLY EXPLOSIVE HYDROGEN GAS.
HAZARDOUS COMBUSTION PRODUCTS: CARBON OXIDES.
PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIREFIGHTERS:
AS IN ANY FIRE, WEAR SELF-CONTAINED BREATHING APPARATUS PRESSURE-DEMAND, MSHA/NIOSH (APPROVED OR EQUIVALENT) AND FULL PROTECTIVE GEAR.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES:
PERSONAL PRECAUTIONS:
WEAR PROTECTIVE CLOTHING AS DESCRIBED IN SECTION 8 OF THIS SAFETY DATA SHEET. VENTILATE AFFECTED AREA.
ENVIRONMENTAL PRECAUTIONS:
PREVENT FROM ENTERING INTO SOIL, DITCHES, SEWERS, WATERWAYS AND/OR GROUNDWATER. SEE SECTION 12, ECOLOGICAL INFORMATION. SEE SECTION 12 FOR ADDITIONAL ECOLOGICAL INFORMATION.
METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP:
METHODS FOR CONTAINMENT:
PREVENT FURTHER LEAKAGE OR SPILLAGE IF SAFE TO DO SO. SOAK UP AND CONTAIN SPILL WITH AN INERT (I.E. VERMICULITE, DRY SAND OR EARTH) ABSORBENT MATERIAL. NEUTRALIZE RUNOFF WITH LIME, SODA ASH, ETC.
METHODS FOR CLEAN-UP:
SWEEP UP ABSORBED MATERIAL AND SHOVEL INTO SUITABLE CONTAINERS FOR DISPOSAL. DISCARD ANY PRODUCT, RESIDUE, DISPOSABLE CONTAINER OR LINER IN FULL COMPLIANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS. FOR WASTE DISPOSAL, SEE SECTION 13 OF THE SDS.
PREVENTION OF SECONDARY HAZARDS: MATERIAL CAN CREATE SLIPPERY CONDITIONS.

7. HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING:
ADVICE ON SAFE HANDLING:
HANDLE IN ACCORDANCE WITH GOOD INDUSTRIAL HYGIENE AND SAFETY PRACTICE. USE PERSONAL PROTECTION RECOMMENDED IN SECTION 8. AVOID CONTACT WITH SKIN, EYES OR CLOTHING. WASH FACE, HANDS, AND ANY EXPOSED SKIN THOROUGHLY AFTER

HANDLING. FOLLOW ALL SDS/LABEL PRECAUTIONS EVEN AFTER CONTAINER IS EMPTIED, BECAUSE IT MAY RETAIN PRODUCT RESIDUES. DO NOT BREATHE VAPORS OR SPRAY MIST. DO NOT EAT, DRINK OR SMOKE WHEN HANDLING THIS PRODUCT. USE ONLY WITH ADEQUATE VENTILATION. WEAR RESPIRATORY PROTECTION. LOOSEN CLOSURE CAREFULLY; RELIEVE INTERNAL PRESSURE WHEN RECEIVED AND AT LEAST WEEKLY THEREAFTER. DO NOT USE PRESSURE TO EMPTY. DO NOT WASH OUT CONTAINER OR USE IT FOR OTHER PURPOSES. REPLACE CLOSURE AFTER EACH USE.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES:

STORAGE CONDITIONS:
KEEP CONTAINER TIGHTLY CLOSED AND STORE IN A COOL, DRY AND WELL-VENTILATED PLACE. STORE AWAY FROM INCOMPATIBLE MATERIALS. STORE LOCKED UP.

PACKAGING MATERIALS:
EMPTY CONTAINERS RETAIN PRODUCT RESIDUE AND CAN BE HAZARDOUS.

INCOMPATIBLE MATERIALS:
VIGOROUS REACTIONS WITH WATER; ALKALINE SOLUTIONS; METALS, METAL POWDER; CARBIDES; CHLORATES; NITRATES; STRONG OXIDIZING, REDUCING, OR COMBUSTIBLE ORGANIC MATERIALS. HAZARDOUS GASES ARE EVOLVED ON CONTACT WITH CHEMICALS SUCH AS CYANIDES, SULFIDES, AND CARBIDES.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE GUIDELINES:

CHEMICAL NAME	ACGIH TLV	OSHA PEL	NIOSH IDLH
SULFURIC ACID	TWA:	TWA:	IDLH: 15 MG/M3
7664-93-9	0.2 MG/M3	1 MG/M3 (VACATED)	TWA: 1 MG/M3
	THORACIC FRACTION	TWA: 1 MG/M3	

APPROPRIATE ENGINEERING CONTROLS:

ENGINEERING CONTROLS:
APPLY TECHNICAL MEASURES TO COMPLY WITH THE OCCUPATIONAL EXPOSURE LIMITS. FRESHWATER STATIONS. SHOWERS.

INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:

EYE/FACE PROTECTION:
USE CHEMICAL SAFETY GOGGLES AND/OR A FULL FACE SHIELD WHERE SPLASHING IS POSSIBLE. ALWAYS ADD ACID TO WATER - NOT WATER TO ACID.

SKIN AND BODY PROTECTION:
WEAR IMPERVIOUS PROTECTIVE CLOTHING, INCLUDING BOOTS, GLOVES, LAB COAT, APRON OR COVERALLS, AS APPROPRIATE, TO PREVENT SKIN CONTACT.

RESPIRATORY PROTECTION:
IF THE EXPOSURE LIMIT IS EXCEEDED AND ENGINEERING CONTROLS ARE NOT FEASIBLE, A FULL-FACE RESPIRATOR WITH AN ACID GAS CARTRIDGE AND PARTICULATE FILTER (NIOSH TYPE N100 FILTER) MAY BE WORN UP TO 50 TIMES THE EXPOSURE LIMIT, OR THE MAXIMUM USE CONCENTRATION SPECIFIED BY THE APPROPRIATE REGULATORY AGENCY OR RESPIRATOR SUPPLIER, WHICHEVER IS LOWEST. IF OIL PARTICLES (E.G. LUBRICANTS, CUTTING FLUIDS, GLYCERINE, ETC.) ARE PRESENT, USE A NIOSH TYPE R OR P PARTICULATE FILTER. FOR EMERGENCIES OR INSTANCES WHERE THE EXPOSURE LEVELS ARE NOT KNOWN, USE A FULL-FACE SHIELD POSITIVE-PRESSURE, AIR-SUPPLIED RESPIRATOR. WARNING: AIR PURIFYING RESPIRATORS DO NOT PROTECT WORKERS IN OXYGEN-DEFICIENT ATMOSPHERES. WHERE RESPIRATORS ARE REQUIRED, YOU MUST HAVE A WRITTEN PROGRAM COVERING THE BASIC REQUIREMENTS IN THE OSHA RESPIRATOR STANDARD. THESE INCLUDE TRAINING, FIT TESTING, MEDICAL APPROVAL, CLEANING, MAINTENANCE, CARTRIDGE CHANGE SCHEDULES, ETC. SEE 29CFR1910.134 FOR DETAILS.

GENERAL HYGIENE CONSIDERATIONS:
AVOID CONTACT WITH SKIN, EYES AND CLOTHING. AFTER HANDLING THIS PRODUCT, WASH HANDS BEFORE EATING, DRINKING, OR SMOKING. IF CONTACT OCCURS, REMOVE CONTAMINATED CLOTHING. IF NEEDED, TAKE FIRST AID ACTION SHOWN ON SECTION 4 OF THIS SDS. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

9. PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

PHYSICAL STATE: LIQUID

APPEARANCE: CLEAR LIQUID

COLOR: CLEAR

ODOR: ODORLESS

ODOR THRESHOLD: NOT DETERMINED

PROPERTY	VALUES	REMARKS-METHOD
PH	<1.0	
MELTING POINT/FREEZING POINT	10% - (25 DEG. F) 51% - (-30 DEG. F)	
BOILING POINT/BOILING RANGE	10% - (210 DEG. F) 51% - (270 DEG. F)	
FLASH POINT	WILL NOT BURN, NON-FLAMMABLE	
EVAPORATION RATE	<1.0	
FLAMMABILITY (SOLID, GAS)	LIQUID-NOT APPLICABLE	
UPPER FLAMMABILITY LIMIT	NOT DETERMINED	
LOWER FLAMMABILITY LIMIT	NOT DETERMINED	
VAPOR PRESSURE	<0.3 MMHg @ 25 DEG. C (77 DEG. F)	
VAPOR DENSITY	3.4 (AIR=1)	
SPECIFIC GRAVITY	1.058-1.409 @ 60 DEG. F	
WATER SOLUBILITY	COMPLETELY SOLUBLE	
SOLUBILITY IN OTHER SOLVENTS	NOT DETERMINED	
PARTITION COEFFICIENT	NOT DETERMINED	

AUTO-IGNITION TEMPERATURE	NOT COMBUSTIBLE
DECOMPOSITION TEMPERATURE	NOT DETERMINED
KINEMATIC VISCOSITY	NOT DETERMINED
DYNAMIC VISCOSITY	20 DEG. C 25 MPAS 0 DEG. C 60MPAS
EXPLOSIVE PROPERTIES	NOT AN EXPLOSIVE
OXIDIZING PROPERTIES	NOT DETERMINED

10. STABILITY AND REACTIVITY

REACTIVITY: NOT REACTIVE UNDER NORMAL CONDITIONS.

WILL REACT WITH WATER OR STEAM TO PRODUCE TOXIC AND CORROSIVE FUMES. REACTS WITH CARBONATES TO GENERATE CARBON DIOXIDE GAS, AND WITH CYANIDES AND SULFIDES TO FORM POISONOUS HYDROGEN CYANIDE AND HYDROGEN SULFIDE RESPECTIVELY.

CHEMICAL STABILITY:
STABLE UNDER ORDINARY CONDITIONS OF USE AND STORAGE. CONCENTRATED SOLUTIONS REACT VIOLENTLY WITH WATER, SPATTERING AND LIBERATING HEAT.

POSSIBILITY OF HAZARDOUS REACTIONS: NONE UNDER NORMAL PROCESSING.

HAZARDOUS POLYMERIZATION: HAZARDOUS POLYMERIZATION DOES NOT OCCUR.

CONDITIONS TO AVOID:
AVOID HEAT, SPARKS, OPEN FLAMES AND OTHER IGNITION SOURCES. HEAT, MOISTURE, INCOMPATIBLES. KEEP SEPARATED FROM INCOMPATIBLE SUBSTANCES.

INCOMPATIBLE MATERIALS:
VIGOROUS REACTIONS WITH WATER; ALKALINE SOLUTIONS; METALS, METAL POWDER; CARBIDES; CHLORATES; NITRATES; STRONG OXIDIZING, REDUCING, OR COMBUSTIBLE ORGANIC MATERIALS. HAZARDOUS GASES ARE EVOLVED ON CONTACT WITH CHEMICALS SUCH AS CYANIDES, SULFIDES, AND CARBIDES.

HAZARDOUS DECOMPOSITION PRODUCTS:
RELEASES SULFUR DIOXIDE AT EXTREMELY HIGH TEMPERATURES. TOXIC FUMES OF OXIDES OF SULFUR WHEN HEATED TO DECOMPOSITION.

11. TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE:

PRODUCT INFORMATION:

EYE CONTACT: CAUSES SEVERE EYE DAMAGE.

SKIN CONTACT: CAUSES SEVERE SKIN BURNS.

INHALATION:
MAY CAUSE IRRITATION TO THE MUCOUS MEMBRANES AND UPPER RESPIRATORY TRACT.

INGESTION: MAY BE HARMFUL IF SWALLOWED.

COMPONENT INFORMATION:

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
SULFURIC ACID	= 2140 MG/KG (RAT)		= 510 MG/M3 (RAT) 2 H
7664-93-9			

INFORMATION ON PHYSICAL, CHEMICAL AND TOXICOLOGICAL EFFECTS:

SYMPTOMS: PLEASE SEE SECTION 4 OF THIS SDS FOR SYMPTOMS.

DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE:

CARCINOGENICITY:

IARC HAS CLASSIFIED "STRONG INORGANIC ACID MIST CONTAINING SULFURIC ACID" AS A CATEGORY 1 CARCINOGEN, SUBSTANCE THAT IS CARCINOGENIC TO HUMANS. THIS CLASSIFICATION DOES NOT APPLY TO LIQUID FORMS OF SULFURIC ACID. INORGANIC MIST IS NOT GENERATED UNDER NORMAL USE OF THIS PRODUCT.

CHEMICAL NAME	ACGIH	IARC	NTP	OSHA
SULFURIC ACID	A2	GROUP 1	KNOWN	X
7664-93-9				

ACGIH (AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS):
A2 - SUSPECTED HUMAN CARCINOGEN

IARC (INTERNATIONAL AGENCY FOR RESEARCH ON CANCER):
GROUP 1 - CARCINOGENIC TO HUMANS

NTP (NATIONAL TOXICOLOGY PROGRAM): KNOWN - KNOWN CARCINOGEN

OSHA (OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION OF THE U.S. DEPARTMENT OF LABOR): X - PRESENT

NUMERICAL MEASURES OF TOXICITY: NOT DETERMINED

12. ECOLOGICAL INFORMATION

ECOTOXICITY:
AN ENVIRONMENTAL HAZARD CANNOT BE EXCLUDED IN THE EVENT OF INPROFESSIONAL HANDLING OR DISPOSAL.

COMPONENT INFORMATION:

CHEMICAL NAME	ALGAE/AQUATIC PLANTS	FISH	TOXICITY TO MICROORGANISMS	CRUSTACEA
SULFURIC ACID		500:		29:
7664-93-9		96 H BRACHYDANIO		24 H DAPHNIA
		RERIO MG/L LC50		MAGNA MG/L EC50
		STATIC		

PERSISTENCE/DEGRADABILITY:
WHEN RELEASED INTO THE SOIL, THIS MATERIAL MAY LEACH INTO GROUNDWATER. WHEN RELEASED INTO THE AIR, THIS MATERIAL MAY BE REMOVED FROM THE ATMOSPHERE TO

A MODERATE EXTENT BY WET DEPOSITION. WHEN RELEASED INTO THE AIR, THIS MATERIAL MAY BE REMOVED FROM THE ATMOSPHERE TO A MODERATE EXTENT BY DRY DEPOSITION.

BIOACCUMULATION: NOT DETERMINED.

MOBILITY: NOT DETERMINED

OTHER ADVERSE EFFECTS: NOT DETERMINED

13. DISPOSAL CONSIDERATIONS

WASTE TREATMENT METHODS:

DISPOSAL OF WASTES: DISPOSAL SHOULD BE IN ACCORDANCE WITH APPLICABLE REGIONAL, NATIONAL AND LOCAL LAWS AND REGULATIONS.

CONTAMINATED PACKAGING: DISPOSAL SHOULD BE IN ACCORDANCE WITH APPLICABLE REGIONAL, NATIONAL AND LOCAL LAWS AND REGULATIONS.

CALIFORNIA HAZARDOUS WASTE STATUS:

CHEMICAL NAME CALIFORNIA HAZARDOUS WASTE STATUS

SULFURIC ACID TOXIC
7664-93-9 CORROSIVE

14. TRANSPORT INFORMATION

NOTE: PLEASE SEE CURRENT SHIPPING PAPER FOR MOST UP TO DATE SHIPPING INFORMATION, INCLUDING EXEMPTIONS AND SPECIAL CIRCUMSTANCES.

DOT:
UN/ID NO: UN2796
PROPER SHIPPING NAME: SULFURIC ACID
HAZARD CLASS: 8
PACKING GROUP: II
REPORTABLE QUANTITY (RQ): 1000 LBS

IATA:
UN/ID NO: UN2796
PROPER SHIPPING NAME: SULFURIC ACID
HAZARD CLASS: 8
PACKING GROUP: II

IMDG:
UN/ID NO: UN2796
PROPER SHIPPING NAME: SULFURIC ACID
HAZARD CLASS: 8
PACKING GROUP: II

15. REGULATORY INFORMATION

INTERNATIONAL INVENTORIES:

TSCA: LISTED
DSL: LISTED
NDSL: LISTED
EINCS: LISTED
ELINCS: LISTED
ENCS: LISTED
KECL: LISTED
PICCS: LISTED
AICS: LISTED

LEGEND:

TSCA: UNITED STATES TOXIC SUBSTANCES CONTROL ACT SECTION 8(B) INVENTORY
DSL/NDSL: CANADIAN DOMESTIC SUBSTANCES LIST/NON-DOMESTIC SUBSTANCES LIST
EINCS/ELINCS: EUROPEAN INVENTORY OF EXISTING CHEMICAL SUBSTANCES/EUROPEAN LIST OF NOTIFIED CHEMICAL SUBSTANCES
ENCR: JAPAN EXISTING AND NEW CHEMICAL SUBSTANCES
IECC: CHINA INVENTORY OF EXISTING CHEMICAL SUBSTANCES
KECL: KOREAN EXISTING AND EVALUATED CHEMICAL SUBSTANCES
PICCS: PHILIPPINES INVENTORY OF CHEMICALS AND CHEMICAL SUBSTANCES
AICS: AUSTRALIAN INVENTORY OF CHEMICAL SUBSTANCES

US FEDERAL REGULATIONS:

CERCLA:

CHEMICAL NAME HAZARDOUS CERCLA/SARA RQ REPORTABLE QUANTITY (RQ)
SUBSTANCES RQS

SULFURIC ACID 1000 LB 1000 LB RQ 1000 LB FINAL RQ
7664-93-9 RQ 454 KG FINAL RQ

SARA 311/312 HAZARD CATEGORIES:

ACUTE HEALTH HAZARD: YES
CHRONIC HEALTH HAZARD: YES
FIRE HAZARD: NO
REACTIVE HAZARD: YES
SUDDEN RELEASE OF PRESSURE HAZARD: NO

SARA 313:

CHEMICAL NAME CAS NO WEIGHT-% SARA 313 - THRESHOLD
VALUES %
SULFURIC ACID - 7664-93-9 7664-93-9 1-51 1.0

CWA (CLEAN WATER ACT):

COMPONENT CWA - REPORTABLE CWA - TOXIC CWA - PRIORITY CWA -
QUANTITIES POLLUTANTS POLLUTANTS HAZARDOUS
SUBSTANCES

SULFURIC ACID 1000 LB X
7664-93-9
(1-51)

US STATE REGULATIONS:

CALIFORNIA PROPOSITION 65:
THIS PRODUCT CONTAINS THE FOLLOWING PROPOSITION 65 CHEMICALS.

CHEMICAL NAME CALIFORNIA PROPOSITION 65

SULFURIC ACID - 7664-93-9 CARCINOGEN

U.S. STATE RIGHT-TO-KNOW REGULATIONS:

CHEMICAL NAME NEW JERSEY MASSACHUSETTS PENNSYLVANIA

SULFURIC ACID X X X
7664-93-9

16. OTHER INFORMATION

NFPA:
HEALTH HAZARDS 3
FLAMMABILITY 0
INSTABILITY 2
SPECIAL HAZARDS W

HMS:
HEALTH HAZARDS 3
FLAMMABILITY 0
PHYSICAL HAZARDS 2
PERSONAL PROTECTION NOT DETERMINED

ISSUE DATE: 31-DEC-2014

REVISION DATE: 31-DEC-2014

REVISION NOTE: NEW FORMAT

DISCLAIMER:

THE INFORMATION PROVIDED IN THIS SAFETY DATA SHEET IS CORRECT TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF AT THE DATE OF ITS PUBLICATION. THE INFORMATION GIVEN IS DESIGNED ONLY AS A GUIDANCE FOR SAFE HANDLING, USE, PROCESSING, STORAGE, TRANSPORTATION, DISPOSAL AND RELEASE AND IS NOT TO BE CONSIDERED A WARRANTY OR QUALITY SPECIFICATION. THE INFORMATION RELATES ONLY TO THE SPECIFIC MATERIAL DESIGNATED AND MAY NOT BE VALID FOR SUCH MATERIAL USED IN COMBINATION WITH ANY OTHER MATERIALS OR IN ANY PROCESS, UNLESS SPECIFIED IN THE TEXT.

ORDER: 1359375803 5WG11 - Battery Acid Container Size 6 qt. HAZMAT: 5WG11

HAZARD MATERIAL WARNING SHEET (HAZMAT)

When shipment is complete, retain for daily Hazmat audit

GRAINGER SHIPPING INFORMATION

STOCK # : 5WG11
MSDS # : E0151
FREIGHT CODE : 0984
DOT PROPER SHIP NAME : BATTERY FLUID, ACID

UPS RESTRICTIONS : DO NOT SHIP UPS. ONLY MARKET DC'S AND DC'S CAN SHIP THIS ITEM UPS.

HAZARDOUS CLASS NUMBER : 8
UN ID # : UN2796
PACKING GROUP : II
SHIPPING LABEL : CORROSIVE

LIMITED QUANTITY : NO
CARTON INSTRUCTIONS : MUST SHIP IN ORIGINAL SHIPPACK ONLY.
DOT/UPS EXEMPTION NO. :
COMMENTS : HAZARDOUS MATERIAL. SHIPPING LABEL IS CORROSIVE LIQUID. IF YOU OVERPACK USE 2S045 OVERPACK LABEL.
SHIPPING-PAPERS : A

PLACARD OFFERED ? YES () NO () PLEASE MARK ONE
ERG# ERG# 157
