

# SAFETY DATA SHEET

Chemical Trade Name (as used on label):		Chemical Family/Classification:
GR, MQ, GRPlus and MQPlus.		Sealed Lead Battery
Synonyms:		
Sealed Lead Acid Battery, VRLA Battery	<b>Telephone:</b>	
	For information and emergencies, contact l	Power Storage Solutions
Distributor's Name/Address	Environmental, Health & Safety Dept. at 8	88-813-5049
Power Storage Solutions.		
10490 Markison Road	24-Hour Emergency Response Contact:	
Dallas, TX 75238	CHEMTREC DOMESTIC: 800-255-3924	CONTRACT: mis6145614
II GHS HAZARDS IDENTFICATION		
HEALTH	ENVIRONMENTAL	PHYSICAL
Acute Toxicity	Aquatic Chronic 1	Explosive Chemical, Division 1.3
(Oral/Dermal/Inhalation) Catego	· ·	
Skin Corrosion/Irritation Categor		
Eye Damage Catego		
Reproductive Categor	-	
Carcinogenicity (lead compounds) Catego	-	
Carcinogenicity (acid mist) Categor	ry IA	
Specific Target Organ Toxicity		
(repeated exposure) Catego	Dry 2	
GHS LABEL: HEALTH	ENVIRONMENTAL	PHYSICAL
GHS LABEL:		PHYSICAL
GHS LABEL: HEALTH	ENVIRONMENTAL	PHYSICAL
GHS LABEL: HEALTH	ENVIRONMENTAL  Precautionary Statements	PHYSICAL
GHS LABEL: HEALTH HEALTH Hazard Statements DANGER!	ENVIRONMENTAL  ENVIRONMENTAL  Precautionary Statements Wash thoroughly after handling.	PHYSICAL
GHS LABEL: HEALTH HEALTH HEALTH Hazard Statements DANGER! Causes severe skin burns and serious eye damage.	ENVIRONMENTAL  ENVIRONMENTAL  Precautionary Statements Wash thoroughly after handling. Do not eat, drink or smoke when using this product.	
GHS LABEL:         HEALTH         HEALTH         Weight of the second	ENVIRONMENTAL  ENVIRONMENTAL  Precautionary Statements Wash thoroughly after handling. Do not eat, drink or smoke when using this product.  H or Wear protective gloves/protective clothing, eye protection/face pr	
GHS LABEL:         HEALTH         HEALTH         Weight of the second	ENVIRONMENTAL ENVIRONMENTAL	
GHS LABEL:         HEALTH         Iteration of the teacher of the teacher of te	ENVIRONMENTAL         Image: Constraint of the second sec	otection.
GHS LABEL:         HEALTH         HEALTH         Weight of the colspan="2">Iteration of the colspan="2"         Iteration of the colspan="2"	ENVIRONMENTAL         Image: Constraint of the second sec	otection.
GHS LABEL:         HEALTH         HEALTH         WEALTH         WEALTH         WEALTH         WEALTH         WEALTH         HEALTH         WEALTH         WEALTH         HEALTH         WEALTH         HEALTH         Gauses severe skin burns and serious eye damage.         May cause cancer if ingested or inhaled.         Causes damage t	ENVIRONMENTAL         ENVIRONMENTAL         ENVIRONMENTAL         Image: Second Sec	otection.
GHS LABEL:         HEALTH         HEALTH         WEALTH         <	ENVIRONMENTAL         ENVIRONMENTAL         ENVIRONMENTAL         Image: Environment of the environment	rotection.
GHS LABEL:         HEALTH         HEALTH         Image: All of the second se	ENVIRONMENTAL ENVIRONMENTAL Precautionary Statements Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing, eye protection/face pr Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Contact with internal components may cause irritation or severe b Irritating to eyes, respiratory system, and skin. g. Obtain special instructions before use. Do not handle until all safety precautions have been read and under	rotection.
HEALTH         HEALTH         INTERLIGENCE         HAZART Statements         DANGER!         Causes severe skin burns and serious eye damage.         May damage fertility or the unborn child if ingested inhaled.         May cause cancer if ingested or inhaled.         Causes damage to central nervous system, blood an kidneys through prolonged or repeated exposure.         May form explosive air/gas mixture during charging Extremely flammable gas (hydrogen).         Explosive, fire, blast, or projection hazard.	ENVIRONMENTAL ENVIRONMENTAL Precautionary Statements Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Do not eat, drink or smoke when using this product. More Wear protective gloves/protective clothing, eye protection/face prevention of the protective gloves/protective gloves/protective clothing, eye protection/face prevention of the protective gloves/protective gloves	otection.
GHS LABEL:         HEALTH         HEALTH         Image: All of the second se	ENVIRONMENTAL ENVIRONMENTAL Precautionary Statements Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Do not eat, drink or smoke when using this product. Wear protective gloves/protective clothing, eye protection/face pr Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Contact with internal components may cause irritation or severe b Irritating to eyes, respiratory system, and skin. g. Obtain special instructions before use. Do not handle until all safety precautions have been read and under	otection.
GHS LABEL:         HEALTH         HEALTH         WEALTH         <	ENVIRONMENTAL  ENVIRONMENTAL  Precautionary Statements  Wash thoroughly after handling. Do not eat, drink or smoke when using this product.  Hor  Wear protective gloves/protective clothing, eye protection/face pr Avoid breathing dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area.  Contact with internal components may cause irritation or severe b Irritating to eyes, respiratory system, and skin.  g.  Obtain special instructions before use. Do not handle until all safety precautions have been read and unde Avoid contact during pregnancy/while nursing Keep away from heat./sparks/open flames/hot surfaces. No smoki	otection.

7439-92-1	
7439-92-1	
	45 - 60
1309-60-0	15 - 25
7440-31-5	0.1 - 0.2
7664-93-9	15 - 20
	5 - 10
9003-07-0	
9003-53-6	
9003-54-7	
9003-56-9	
9003-55-8	
9002-86-2	
9002-88-4	
25134-01-4	
	7440-31-5 7664-93-9 9003-07-0 9003-53-6 9003-54-7 9003-56-9 9003-55-8 9002-86-2 9002-88-4



Other:							
	Absorbent Glass Mat			1 - 2			
	Inorganic lead and sulfuric a	cid electrolyte are the primary c	omponents of eve	ry battery distributed by	y Power Storage Soluti	ions.	
	There are no mercury or cade	mium containing products prese	nt in batteries dist	ributed by Power Stora	ge Solutions.		
IV. FIRST	AID MEASURES	· · ·		•	-		
Inhalation:							
munution	Sulfuric Acid: Remove to fre	esh air immediately. If breathing	is difficult give	oxygen. Consult a phys	ician		
			-	oxygen. Consult a phys	iciuii		
	Lead: Remove from exposur	e, gargle, wash nose and lips; co	onsuit physician.				
Ingestion:							
	• •	antities of water; do not induce	vomiting or aspira	tion into the lungs may	occur and can cause p	ermanent injury or deat	h;
	consult a physician						
	Lead: Consult physician imn	nediately.					
Skin:							
	Sulfuric Acid: Flush with lar	ge amounts of water for at least	15 minutes: remo	ve contaminated clothi	ng completely, including	ng shoes.	
		dical attention. Wash contamin				0	
	Lead: Wash immediately wit		area croaning bero	re reuse. Discard conta	minated shoes		
<b>T</b>	Lead. wash minediately wit	li soap allu water.					-
Eyes:				1 . 1	1.0. 1.1		
		h immediately with large amou		least 15 minutes while	lifting lids		
		ntion if eyes have been exposed	directly to acid.				
V. FIRE FI	GHTING MEASURES						
Flash Point	: N/A		Flammable Lim	its: LEL = 4.1% (Hydr	ogen Gas)	UEL = 74.2% (Hydrog	gen Gas)
Extinguishi	ng Media: Carbon dioxide; fo	am; dry chemical. Avoid breath	ning vapors. Use a	ppropriate media for su	rrounding fire.		
	Fighting Procedures:	· · · · · · · · · · · · · · · · · · ·	<u> </u>		5		
-pressur 1110		ut off power. Use positive press	aure self-containe	d breathing apparatue.	Water applied to electr	olvte generates	
	•	· · ·			, act applied to electr	orgen generates	
	•	Wear acid-resistant clothing, gl	•				
	-	nnected batteries may still pose	risk of electric sho	ock even when charging	g equipment is shut do	wn.	
Unusual Fi	re and Explosion Hazards:						
	Highly flammable hydrogen	gas is generated during chargin	g and operation of	batteries. To avoid risl	k of fire or explosion, l	keep sparks or other	
	sources of ignition away from	n batteries. Do not allow metall	ic materials to sim	ultaneously contact neg	gative and positive terr	ninals of cells and	
		er's instructions for installation					
VL ACCID	ENTAL RELEASE MEASU						
	k Procedures:						
Spin of Lea			سيبا ومعامية	minulita Da natura as		Garanihla	
	•	n/absorb small spills with dry sa				· ·	
	· ·	with soda ash, sodium bicarbon					
		ized acid to sewer. Acid must be	e managed in acco	ordance with local, state	e, and federal requirem	ents.	
	Consult state environmental	agency and/or federal EPA.					
VII. HAND	LING AND STORAGE						
Handling:							
	lved in recycling operations d	o not breach the casing or empt	v the contents of t	he hatterv			
		ock from strings of connected b		ile suiterj.			
-	-	÷		• • •			
*	0,	use. If battery case is broken, a		*			
-	• •	prevent short circuits. Place care		•		-	
Keep away f	from combustible materials, or	ganic chemicals, reducing subs	tances, metals, str	ong oxidizers and wate	r. Use banding or strete	ch wrap to secure items	for
shipping.							
Storage:							
	es in cool, dry, well-ventilated	l areas with impervious surfaces	and adequate cor	tainment in the event of	of spills. Batteries shou	ld	
		ainst adverse weather condition			*		
	1 0		*	*	•		
		bill control. Avoid damage to co		ay from fire, sparks and	a neat. Keep away from	n metallic objects which	1
could bridge	e the terminals on a battery and	l create a dangerous short-circu	it				
Charging:							
There is a po	ossible risk of electric shock fr	om charging equipment and fro	m strings of series	s connected batteries, w	hether or not being cha	arged. Shut-off power to	Э
chargers wh	enever not in use and before d	etachment of any circuit connect	tions. Batteries be	ing charged will gener	ate and release flamma	ble hydrogen gas.	
-		battery vent caps in position. F					
001	*		romon smoking u	ind a void creation of the	lines and sparks nearby		
	nd eye protection when near b	6 6					
	SURE CONTROLS/PERS						
Lxposure L	imits (mg/m3) Note: N.E.= N	NOT ESTABLISHED					
							1
INGREDIE	NTS	OSHA	ACGIH	US NIOSH	Quebec PEV	Ontario OEL	EU OEL
	Common Names)	PEL	-				-
	,						
Leau and Le	ead Compounds (inorganic)	0.05	0.05	0.05	0.05	0.05	0.15 (4.)
m:		0.05	0.05	0.05	0.05	0.05	0.15 (b)
Tin		2	2	2	2	2	N.E
Sulfuric Aci	d Electrolyte	1	0.2	1	1	0.2	0.05 (c)
Polypropyle	ne	N.E	N.E	N.E	N.E	N.E	N.E
Polystyrene		N.E	N.E	N.E	N.E	N.E	N.E
Styrene Acr	vlonitrile	N.E	N.E	N.E	N.E	N.E	N.E
ACTY10111116	e Butadiene Styrene	N.E	N.E	N.E	N.E	N.E	N.E
Styrene Buta	adiene	N.E	N.E	N.E	N.E	N.E	N.E
Polyvinylch		N.E	N.E	N.E	N.E	1	N.E
- 01, 111,1011	*					· ·	



Power is at the center or everything we do								
Polycarbonate, Hard Rubber,	NE	NE	NE	NE	NE	NE		
olyethylene	N.E	N.E	N.E	N.E	N.E	N.E		
olyphenylene Oxide olycarbonate/Polyester Alloy	N.E	N.E	N.E	N.E	N.E	N.E		
ubber, Polyethylene	N.E	N.E	N.E	N.E	N.E	N.E		
bsorbent Glass Mat	N.E	N.E	N.E	N.E	N.E	N.E		
OTES: b) As inhalable aerosol c) Thoracic fraction								
ngineering Controls (Ventilation):								
	ntilated area. If mechanical vent to avoid spills. Make certain ver		•		. Wear protective			
•••	ection when filling, charging or h	-			-			
Positive and negative termi Respiratory Protection (NIOSH/MSH	nals of the batteries. Charge the l	batteries in areas	with adequate ventilation	n. General dilution ve	ntilation is acceptable.			
	l conditions. When concentration	ns of sulfuric acid	l mist are known to exce	ed the PEL, use NIOS	SH or MSHA-approved			
kin Protection:								
	use rubber or plastic acid-resista	nt gloves with elt	oow-length gauntlet, acid	l-resistant apron, clotl	ning and boots			
Eye Protection:					-			
· ·	use chemical goggles or face shi	eld.						
<u>Other Protection:</u> Under severe exposure eme	ergency conditions, wear acid-res	sistant clothing ar	nd boots.					
X. PHYSICAL AND CHEMICAL PH		and the second s						
Properties Listed Below are for Electro								
<b>Boiling Point:</b>		203 - 240° F	Specific Gravity (H2	0 = 1):	1.215 to 1.350			
Melting Point:		N/A	Vapor Pressure (mm	Hg):	10			
Solubility in Water:		100%	Vapor Density (AIR	= 1):	Greater than 1			
<b>Evaporation Rate: (Butyl</b>	Acetate = 1)	Less than 1	% Volatile by Weigh	t:	N/A			
	pH:	~1 to 2	Flash Point:		Below room temperature	(as hydrogen gas)		
LEL (Lower Explosive Li		4.1%	UEL (Upper Explosi	ve Limit)	74.2% (Hydrogen)			
		(Hydrogen)						
Appearance and Odor:		Manufactured article; no apparent odor. Electrolyte is a clear liquid with a sharp, penetrating, pungent odor.						
X. STABILITY AND REACTIVITY			1 1	6,1 8				
Stability: Stable X_	Unstable							
This product is stable under normal co	onditions at ambient temperatu	ire						
Conditions To Avoid: Prolonged overch	narge; sources of ignition							
Incompatibility: (Materials to avoid)								
Sulfuric Acid: Contact with	combustibles and organic mater	rials may cause fi	re and explosion. Also re	eacts violently with st	rong reducing agents,			
metals, sulfur trioxide gas,	strong oxidizers and water. Cont	act with metals m	nay produce toxic sulfur	dioxide fumes and ma	y release flammable			
hydrogen gas.								
Lead Compounds: Avoid co	ontact with strong acids, bases, h	alides, halogenat	es, potassium nitrate, per	rmanganate, peroxide:	s, nascent hydrogen			
and reducing agents.			_					
Hazardous Decomposition Products:								
Sulfuric Acid: Sulfur trioxi	de, carbon monoxide, sulfuric ac	id mist, sulfur die	oxide, and hydrogen sulf	īde.				
Lead Compounds: High ter	nperatures likely to produce toxi	c metal fume, vap	oor, or dust; contact with	strong acid or base of	r presence of nascent			
hydrogen may generate hig	hly toxic arsine gas.	-						
Hazardous Polymerization:								
Will not occur								
XI. TOXICOLOGICAL INFORMAT	ION							
Routes of Entry:								
Sulfuric Acid: Harmful by	all routes of entry.							
Lead Compounds: Hazardo	us exposure can occur only when	n product is heate	d, oxidized or otherwise	processed or damage	d to create dust, vapor			
or fume. The presence of na	ascent hydrogen may generate hi	ghly toxic arsine	gas.					
Inhalation:								
÷	sulfuric acid vapors or mists ma	•						
	on of lead dust or fumes may cau	se irritation of up	per respiratory tract and	lungs.				
Ingestion:								
-	evere irritation of mouth, throat,							
*	gestion may cause abdominal pa	in, nausea, vomit	ing, diarrhea and severe	cramping. This may l	ead rapidly to systemic			
toxicity and must be treated	l by a physician.							
Skin Contact:								
Sulfuric Acid: Severe irrita								
Lead Compounds: Not abso	orbed through the skin.							
Eye Contact:								
Sulturic Acid: Severe irrita	tion, burns, cornea damage, and	biindness.						



SAFETY DATA SHEET

Lead Components: May cause eye irritation.

#### Effects of Overexposure - Acute:

- Sulfuric Acid: Severe skin irritation, damage to cornea, upper respiratory irritation.
  - Lead Compounds: Symptoms of toxicity include headache, fatigue, abdominal pain, loss of appetite, muscle aches and weakness, sleep

### disturbances and irritability.

## Effects of Overexposure - Chronic:

Sulfuric Acid: Possible erosion of tooth enamel, inflammation of nose, throat and bronchial tubes.

Lead Compounds: Anemia; neuropathy, particularly of the motor nerves, with wrist drop; kidney damage; reproductive changes in males and females. Repeated exposure to lead and lead compounds in the workplace may result in nervous system toxicity. Some toxicologists report abnormal conduction velocities in persons with blood lead levels of 50mcg/100 ml or higher. Heavy lead exposure may result in central nervous system damage, encephalopathy and damage to the blood-forming (hematopoietic) tissues.

### Carcinogenicity:

<u>Sulfuric Acid</u>: The International Agency for Research on Cancer (IARC) has classified "strong inorganic acid mist containing sulfuric acid" as a Group 1 carcinogen, a substance that is carcinogenic to humans. This classification does not apply to liquid forms of sulfuric acid or sulfuric acid solutions contained within a battery. Inorganic acid mist (sulfuric acid mist) is not generated under normal use of this product. Misuse of the product, such as overcharging, may result in the generation of sulfuric acid mist.

Lead Compounds: Lead is listed as a Group 2A carcinogen, likely in animals at extreme doses. Per the guidance found in OSHA 29 CFR 1910.1200 Appendix F, this is approximately equivalent to GHS Category 1B. <u>Proof of carcinogenicity in humans is lacking at present</u>.

## Medical Conditions Generally Aggravated by Exposure:

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. Lead and its compounds can aggravate some forms of kidney, liver and neurologic diseases.

# Acute Toxicity:

Inhalation LD50:

Electrolyte: LC50 rat: 375 mg/m3; LC50: guinea pig: 510 mg/m3

Elemental Lead: Acute Toxicity Point Estimate = 4500 ppmV (based on lead bullion)

#### Oral LD50:

Electrolyte: rat: 2140 mg/kg

Elemental Lead: Acute Toxicity Estimate (ATE) = 500 mg/kg body weight (based on lead bullion)

#### Additional Health Data:

All heavy metals, including the hazardous ingredients in this product, are taken into the body primarily by inhalation and ingestion. Most inhalation problems can be avoided by adequate precautions such as ventilation and respiratory protection covered in Section 8. Follow good personal hygiene to avoid inhalation and ingestion: wash hands, face, neck and arms thoroughly before eating, smoking or leaving the worksite. Keep contaminated clothing out of non-contaminated areas, or wear cover clothing when in such areas. Restrict the use and presence of food, tobacco and cosmetics to non-contaminated areas. Work clothes and work equipment used in contaminated areas must remain in designated areas and never taken home or laundered with personal non-contaminated clothing. This product is intended for industrial use only and should be isolated from children and their environment.

The 19<sup>th</sup> Amendment to EC Directive 67/548/EEC classified lead compounds, but not lead in metal form, as possibly toxic to reproduction. Risk phrase 61: May cause harm to the unborn child, applies to lead compounds, especially soluble forms.

#### **Environmental Fate:**

XII. ECOLOGICAL INFORMATION

 

 Lead is very persistent in soil and sediments. No data on environmental degradation. Mobility of metallic lead between ecological compartments is slow. Bioaccumulation of lead occurs in aquatic and terrestrial animals and plants but little bioaccumulation occurs through the food chain. Most studies include lead compounds and not elemental lead.

 Environmental Toxicity:
 Aquatic Toxicity:

 Sulfuric acid:
 24-hr LC50, freshwater fish (Brachydanio rerio): 82 mg/L

96 hr- LOEC, freshwater fish (Cyprinus carpio): 22 mg/L

Lead: 48 hr LC50 (modeled for aquatic invertebrates): <1 mg/L, based on lead bullion

#### Additional Information:

· No known effects on stratospheric ozone depletion.

· Volatile organic compounds: 0% (by Volume)

· Water Endangering Class (WGK): NA

#### XIII. DISPOSAL CONSIDERATIONS (UNITED STATES)

Spent batteries: Send to secondary lead smelter for recycling. Spent lead-acid batteries are not regulated as hazardous waste when the requirements of 40 CFR Section 266.80 are met. This should be managed in accordance with approved local, state and federal requirements. Consult state environmental agency and/or federal EPA.

#### **Electrolyte:**

Place neutralized slurry into sealed containers and handle as applicable with state and federal regulations. Large water-diluted spills, after neutralization and testing, should be managed in accordance with approved local, state and federal requirements. Consult state environmental agency and/or federal EPA.

Following local, State/Provincial, and Federal/National regulations applicable to end-of-life characteristics will be the responsibility of the end-user.



# SAFETY DATA SHEET

	"Power is at the center of everything we do"			
	Excepted from the hazardous materials regulations (HM	MR) because the batteries m	teet the requirements of 49 CFR 173.159(f) and 49 CFR 173.159a	I
	· · · · · ·		be marked "NONSPILLABLE" or "NONSPILLABLE BATTERY"	
	Battery terminals must be protected against short circuit			
IATA Dan	ngerous Goods Regulations DGR:			
	Excepted from the dangerous goods regulations because	e the batteries meet the requi	irements of Packing Instruction 872 and Special Provisions A67 of	
	the International Air Transportation Association (IATA	) Dangerous goods Regulati	ions and International Civil Aviation Organization (ICAO) Technical	
	Instructions. Battery Terminals must be protected again	ist short circuits.		
	The words "NOT RESTRICTED", SPECIAL PROVIS	SION A67" must be provide	ed when the air waybill is issued.	
IMDG:				
			tteries meet the requirements of Special Provision 238 of the	
VV DECI	International Maritime Dangerous Goods( IMDG COD ULATORY INFORMATION	E). Battery terminals must b	be protected against short circuits.	
UNITED S				
	A Title III:			
	2 EPCRA Extremely Hazardous Substances (EHS):			
Section 50.	Sulfuric acid is a listed "Extremely Hazardous Substances (EHS).	ce" under FPCR A with a Th	hreshold Planning Quantity (TPQ) of 1 000 lbs	
	•		present at one site (40 CFR 370.10). For more information consult	
	*		our Power Storage Solutions representative for additional information	
Section 30	4 CERCLA Hazardous Substances:	, -, -, -, -, -, -, -, -, -, -, -, -, -,		
	Reportable Quantity (RQ) for spilled 100% sulfuric acid	d under CERCLA (Superfur	nd) and	
		· .	tate and local reportable quantities for spilled sulfuric acid may vary.	
Section 31	1/312 Hazard Categorization:	., . ,		
		non-automotive batteries if	sulfuric acid is present in quantities of 500 lbs or more and/or if lead is	
	present in quantities of 10,000 lbs or more. For more in			
Section 31	3 EPCRA Toxic Substances:	· · · · · · · · · · · · · · · · · · ·		
	40 CFR section 372.38 (b) states: If a toxic chemical is	present in an article at a cov	vered facility, a person is not required to consider the quantity of the	
	toxic chemical present in such article when determining	g whether an applicable three	shold has been met under § 372.25, § 372.27, or § 372.28 or	
	determining the amount of release to be reported under	§ 372.30. This exemption ar	pplies whether the person received the article from another person	
	or the person produced the article. However, this exemp	ption applies only to the qua	intity of the toxic chemical present in the article.	
Supplier N	Notification:			
	This product contains toxic chemicals, which may be re	eportable under EPCRA Sec	tion 313 Toxic Chemical Release Inventory (Form R) requirements.	
	If you are a manufacturing facility under SIC codes 20 t	through 39, the following in	formation is provided to enable you to complete the required reports:	
	Toxic Chemical	CAS Number	Approximate % by Wt.	
	Lead	7439-92-1	45 - 60	
	Sulfuric Acid Electrolyte			
	(Sulfuric Acid/Water)	7664-93-9	15 - 20	
	Tin	7440-31-5	0.1 - 0.2	
	See 40 CFR Part 370 for more details.			
	If you distribute this product to other manufacturers in S	SIC Codes 20 through 39, th	his information must be provided with the first shipment	
	of each calendar year.	6 ,	1 1	
	The Section 313 supplier notification requirement does	not apply to batteries, which	h are "consumer products".	
		11 ,		
TSCA:				
	TSCA Section 8b - Inventory Status: All chemicals cor	mprising this product are eith	her exempt or listed on the TSCA Inventory.	
		r o r	r	
	TSCA Section 12b (40 CFR Part 707.60(b)) No notice	of export will be required fo	or articles, except PCB articles, unless the Agency so requires in the	
	context of individual section 5, 6, or 7 actions.	I I I I I I I I I I I I I I I I I I I	6. J. 1	
	······			
	TSCA Section 13 (40 CFR Part 707.20): No import cert	tification required (EPA 305	5-B-99-001, June 1999, Introduction to the	
	Chemical Import Requirements of the Toxic Substances	· ·		
RCRA:	* *	. ,	, ,	
	Spent Lead Acid Batteries are subject to streamlined ha	ndling requirements when n	nanaged in compliance with 40 CFR section 266.80 or 40 CFR part 273.	
	Wast sulfuric acid is a characteristic hazardous waste; E	÷ .		
CAA:	······································			
	Power Storage Solutions supports preventative actions	concerning ozone depletion	in the atmosphere due to emissions of CFC's and other ozone depleting	
	chemicals (ODC's), defined by the USEPA as Class I su		· · · ·	
	· · · ·		cy to eliminate the use of Class I ODC's prior to the May 15, 1993 deadline.	
STATE R	EGULATIONS (US):	r	-	
K	Proposition 65:			
		es contain lead and lead corr	npounds, chemicals known to the State of California to cause	
			State of California to cause cancer. Wash hands after handling.	
INTERNA	ATIONAL REGULATIONS:		and a second sec	
AL Y A 424XI 4/3	Distribution into Quebec to follow Canadian Controlled	Product Regulations (CDD)	(2) 24(1)  and  24(2)	
	Distribution into Quebee to follow Canadian Colifionee	· i roudet Regulations (CFR)	<i>y</i> 21(1) and 21(2).	



Distribution into the EU to follow applicable Directives to the Use, Import/Export of the product as-sold.

## XVI. OTHER INFORMATION Revised AC (04-25-17)

# NFPA Hazard Rating for Sulfuric Acid:

## Flammability (Red) = 0

Health (Blue) = 3

Reactivity (Yellow) = 2 Sulfuric acid is water-reactive if concentrated.

# DISCLAIMER

This Safety Data Sheet is created by the distributor to comply with the requirements of 29 CFR 1910.1200. To the extent allowed by law,

the distributor hereby expressly disclaims any liability to any third party, including users of this product, including, but not limited to, consequential or other damages, arising out of the use of, or reliance on, this Safety Data Sheet.