

GHS SAFETY DATA SHEET

	т	DDODUCT IDENT	FICATION				
MANUEACT		PRODUCT IDENTI		Value Degulated Leed Asid			
	URER/SUPPLIER		CAL/TRADE NAME	Valve Regulated Lead-Acid			
	ery Systems 2 Monarah Streat	(as used o	Jii label)	Battery (VRLA)			
	2 Monarch Street	סדורססס	T ID	Absorbed Electrolyte Battery			
Gard	en Grove, CA 92841	PRODUC	ΙIJ	UN2800			
FOR FURTHE	ER INFORMATION	CHEMIC	CAL FAMILY/	Electric Storage Battery			
Primary	Contact:	CLASSI	FICATION				
-			FRAENOV				
	Alexander (310) 667-9320 ext 14108 January 1, 2018	FOR EMERGENCY CHEMTREC (800) 424-9300					
iteviseu.	January 1, 2010		(703) 527-3887 – Collect				
			24-hour Emergency				
			Ask for Environmen				
	I	. HAZARD IDENTI					
		Signal Word: D					
Category:		GHS Codes	Description				
		H302	Harmful if swalle				
		H314		in burns and eye damage.			
		H332	Harmful if inhale				
		H360		ility or the unborn child.			
		H373	May cause damage to organs through prolonged or				
Health:	STOT RE 2	11220	repeated exposur				
	Acute Tox. 4	H220		hable gas (hydrogen)			
	Repr. 1A	H410	Very toxic to aqu	atic life with long lasting effects.			
	Skin Corr. 1A	P260		ust/fume/gas/mist/vapors/spray.			
	Flamm Gas 1	P301/330/331		D: rinse mouth. Do NOT induce			
		P303/361/353	vomiting. IF ON SKIN (or	hair): Remove/Take off immediately al			
	Aquatic Acute 1	1 303/301/333		thing. Rinse skin with water/shower.			
	Aquatic Acute 1 Aquatic Chronic 1						
		P304/340	IF INHALED: R	emove victim to fresh air and keep at re			
		P304/340	IF INHALED: R in a position com	emove victim to fresh air and keep at re fortable for breathing.			
		P304/340 P305/351/338	IF INHALED: R in a position com IF IN EYES: Rin	emove victim to fresh air and keep at re fortable for breathing. se cautiously with water for several			
			IF INHALED: R in a position com IF IN EYES: Rin	emove victim to fresh air and keep at re fortable for breathing. (se cautiously with water for several e contact lenses, if present and easy to d			
			IF INHALED: R in a position com IF IN EYES: Rin minutes. Remove Continue rinsing	emove victim to fresh air and keep at re fortable for breathing. (se cautiously with water for several e contact lenses, if present and easy to d			
		P305/351/338 P310	IF INHALED: R in a position com IF IN EYES: Rin minutes. Remove Continue rinsing Immediately call doctor/physician.	emove victim to fresh air and keep at re fortable for breathing. Ise cautiously with water for several contact lenses, if present and easy to d a POISON CENTER or			
		P305/351/338	IF INHALED: R in a position com IF IN EYES: Rin minutes. Remove Continue rinsing Immediately call doctor/physician. Keep away from	emove victim to fresh air and keep at re fortable for breathing. Ise cautiously with water for several contact lenses, if present and easy to d a POISON CENTER or			
		P305/351/338 P310 P210	IF INHALED: R in a position com IF IN EYES: Rin minutes. Remove Continue rinsing Immediately call doctor/physician. Keep away from No smoking	emove victim to fresh air and keep at re- fortable for breathing. ise cautiously with water for several e contact lenses, if present and easy to d a POISON CENTER or heat/sparks/open flames/hot surfaces.			
		P305/351/338 P310 P210 P260	IF INHALED: R in a position com IF IN EYES: Rin minutes. Remove Continue rinsing Immediately call doctor/physician. Keep away from No smoking Do not breathe du	emove victim to fresh air and keep at re- fortable for breathing. Ise cautiously with water for several contact lenses, if present and easy to d a POISON CENTER or heat/sparks/open flames/hot surfaces.			
		P305/351/338 P310 P210 P260 P264	IF INHALED: R in a position com IF IN EYES: Rin minutes. Remove Continue rinsing Immediately call doctor/physician. Keep away from No smoking Do not breathe de Wash thoroughly	emove victim to fresh air and keep at re- fortable for breathing. ise cautiously with water for several e contact lenses, if present and easy to d a POISON CENTER or heat/sparks/open flames/hot surfaces. ust/fume/gas/mist/vapors/spray after handling.			
		P305/351/338 P310 P210 P260	IF INHALED: R in a position com IF IN EYES: Rin minutes. Remove Continue rinsing Immediately call doctor/physician. Keep away from No smoking Do not breathe de Wash thoroughly Wear protective g	emove victim to fresh air and keep at re- fortable for breathing. ise cautiously with water for several e contact lenses, if present and easy to d a POISON CENTER or heat/sparks/open flames/hot surfaces. ust/fume/gas/mist/vapors/spray after handling. gloves/protective clothing/eye			
Handling:		P305/351/338 P310 P210 P260 P264 P280	IF INHALED: R in a position com IF IN EYES: Rin minutes. Remove Continue rinsing Immediately call doctor/physician. Keep away from No smoking Do not breathe de Wash thoroughly Wear protective g protection/face p	emove victim to fresh air and keep at re- fortable for breathing. ise cautiously with water for several e contact lenses, if present and easy to d a POISON CENTER or heat/sparks/open flames/hot surfaces. ust/fume/gas/mist/vapors/spray after handling. gloves/protective clothing/eye rotection.			
Handling:		P305/351/338 P310 P210 P260 P264 P280 P403	IF INHALED: R in a position com IF IN EYES: Rin minutes. Remove Continue rinsing Immediately call doctor/physician. Keep away from No smoking Do not breathe di Wash thoroughly Wear protective g protection/face p Store in well-ven	emove victim to fresh air and keep at re- fortable for breathing. ise cautiously with water for several e contact lenses, if present and easy to d a POISON CENTER or heat/sparks/open flames/hot surfaces. ust/fume/gas/mist/vapors/spray after handling. gloves/protective clothing/eye rotection.			
Handling:		P305/351/338 P310 P210 P260 P264 P280 P403 P405	IF INHALED: R in a position com IF IN EYES: Rin minutes. Remove Continue rinsing Immediately call doctor/physician. Keep away from No smoking Do not breathe du Wash thoroughly Wear protective g protection/face p Store in well-ven Store locked up.	emove victim to fresh air and keep at re- fortable for breathing. ise cautiously with water for several e contact lenses, if present and easy to d a POISON CENTER or heat/sparks/open flames/hot surfaces. ust/fume/gas/mist/vapors/spray after handling. gloves/protective clothing/eye rotection.			
Handling:		P305/351/338 P310 P210 P260 P264 P280 P403 P405 P391	IF INHALED: R in a position com IF IN EYES: Rin minutes. Remove Continue rinsing Immediately call doctor/physician. Keep away from No smoking Do not breathe di Wash thoroughly Wear protective g protection/face p Store in well-ven Store locked up. Collect spillage	emove victim to fresh air and keep at re- fortable for breathing. ise cautiously with water for several e contact lenses, if present and easy to d a POISON CENTER or heat/sparks/open flames/hot surfaces. ust/fume/gas/mist/vapors/spray after handling. gloves/protective clothing/eye rotection. tilated area			
Handling:		P305/351/338 P310 P210 P260 P264 P280 P403 P403 P405 P391 P273	IF INHALED: R in a position com IF IN EYES: Rin minutes. Remove Continue rinsing Immediately call doctor/physician. Keep away from No smoking Do not breathe du Wash thoroughly Wear protective g protection/face p Store in well-ven Store locked up. Collect spillage Avoid release to	emove victim to fresh air and keep at re- fortable for breathing. ise cautiously with water for several e contact lenses, if present and easy to d a POISON CENTER or heat/sparks/open flames/hot surfaces. ust/fume/gas/mist/vapors/spray after handling. gloves/protective clothing/eye rotection. tilated area			
Handling:		P305/351/338 P310 P210 P260 P264 P280 P403 P405 P391	IF INHALED: R in a position com IF IN EYES: Rin minutes. Remove Continue rinsing Immediately call doctor/physician. Keep away from No smoking Do not breathe du Wash thoroughly Wear protective g protection/face p Store in well-ven Store locked up. Collect spillage Avoid release to Dispose of conte	emove victim to fresh air and keep at re- fortable for breathing. ise cautiously with water for several e contact lenses, if present and easy to d a POISON CENTER or heat/sparks/open flames/hot surfaces. ust/fume/gas/mist/vapors/spray after handling. gloves/protective clothing/eye rotection. tilated area the environment nts/container in accordance with			
	Aquatic Chronic 1	P305/351/338 P310 P210 P260 P264 P280 P403 P405 P391 P273 P501	IF INHALED: R in a position com IF IN EYES: Rin minutes. Remove Continue rinsing Immediately call doctor/physician. Keep away from No smoking Do not breathe du Wash thoroughly Wear protective g protection/face p Store in well-ven Store locked up. Collect spillage Avoid release to Dispose of conter local/regional/nat	emove victim to fresh air and keep at re- fortable for breathing. Ise cautiously with water for several e contact lenses, if present and easy to d a POISON CENTER or heat/sparks/open flames/hot surfaces. ust/fume/gas/mist/vapors/spray after handling. gloves/protective clothing/eye rotection. tilated area the environment nts/container in accordance with tional/international regulation.			
WARNING: 1	Aquatic Chronic 1	P305/351/338 P310 P210 P260 P264 P280 P403 P405 P391 P273 P501 g at excessively high cu	IF INHALED: R in a position com IF IN EYES: Rin minutes. Remove Continue rinsing Immediately call doctor/physician. Keep away from No smoking Do not breathe du Wash thoroughly Wear protective g protection/face p Store in well-ven Store locked up. Collect spillage Avoid release to Dispose of conte local/regional/na	emove victim to fresh air and keep at re- fortable for breathing. Ise cautiously with water for several e contact lenses, if present and easy to d a POISON CENTER or heat/sparks/open flames/hot surfaces. ust/fume/gas/mist/vapors/spray after handling. gloves/protective clothing/eye rotection. tilated area the environment nts/container in accordance with tional/international regulation. eriods of time without vent caps in place			

III. CO	MPOSITION/INFO	RMATION O	N INGREDIENTS
Ingredient	CAS Number	% by Wt.	
Inorganic compounds of Lead	7439-92-1	75-77	-
Electrolyte (no fluid/completely absorbed)	7664-93-9	14-16	7
sulfuric acid/water/solution			_
Case Material:		1.0	
Polypropylene	9003-07-0	1-8	-
Separator:	N/A	1-3	
	edients may be pres		mary components of every battery supplied by Battery upon battery type. Polypropylene is the principal case
	IV. FIRST	AID MEASUR	ES
Take proper precautions to ensure you own	health and safety l	efore attempti	ng to rescue a victim and provide first aid.
Take proper precautions to ensure you own	i nearth and safety	ciore attempti	ing to rescue a victim and provide mist and.
Inhalation: Electrolyte: Remove to frest Lead compounds: Remove to			
Skin Contact: <u>Electrolyte</u> : Flush with large including shoes. <u>Lead compounds</u> : Wash imp			nutes; remove contaminated clothing completely,
Eye Contact: Electrolyte and Lead composition . physician immediately	<u>ınds</u> : Flush immedia	tely with large	amounts of water for at least 15 minutes; consult
Ingestion: Electrolyte: Give large quan Lead compounds: Consult pl			ng; consult physician.
	V. FIRE FIGH	ITING MEASU	URES
Flash Point: Not Applicable			
11	lrogen gas in air) ; U	EL = 74.2%	
Extinguishing media: CO ₂ ; foam; dry cl			
	. If batteries are on o	charge, shut off	latter during water application and wear acid-resistant power to the charging equipment, but, note that strings charging equipment is shut down.
ignited by burning cigarette, naked flame	e or spark, may cause ufacturer's instructio	e battery explosions for installation	nust always be assumed to contain this gas which, if ion with dispersion of casing fragments and corrosive on and service. Keep away all sources of gas ignition positive terminals of a battery.
	VI. ACCIDENTAL	RELEASE M	EASURES
neutralize spill with soda ash, etc. Make certa a label specifying "contains hazardous waste" hazardous waste. If battery is leaking, place b	in mixture is neutral or (if uncertain call o attery in a heavy dut w discharge of acid i	then collect res listributor regar y plastic bag. V to sewer. Acid	nd contain spill by diking with soda ash, etc. Carefully idue and place in a drum or other suitable container with ding proper labeling procedures). Dispose of as Vear acid resistant boots, face shield, chemical splash must be managed in accordance with approved local, 1 EPA.
	VII. HANDLI	NG AND STOP	RAGE
			of electric shock from strings of connected batteries ure to contents only during recycling or if outer casing
Store batteries under roof in cool, dry, we			from incompatible materials and from activities which d bridge the terminals on a battery and create a
There is a possible risk of electric shock f charged. Shut-off power to chargers whe will generate and release flammable hydro	never not in use and ogen gas. Charging	before detachme space should be	trings of series connected batteries, whether or not being ent of any circuit connections. Batteries being charged ventilated. Keep battery vent caps in position. Prohibit protection when near batteries being charged.
	I	Page 2 of 7	

VIII. EXPOSURE CONTROLS AND PERSONAL PROTECTION

	Occupational Exposure Limits (mg/m ³)						
Ingredient:	US US US Quebec Ontario						
	OSHA	ACGIH	NIOSH	PEV	OEL	OEL	
Inorganic Lead	0.05	0.05	0.05	0.05	0.05	0.15(a)	
Electrolyte (sulfuric acid/water solution)	1	0.2	1	1	0.2	0.05(b)	

NOTES:

(a) as inhalable aerosol;

(b) thoracic fraction

Engineering Controls (Ventilation):

Store and handle in well-ventilated area. If mechanical ventilation is used, components must be acid-resistant. Handle batteries cautiously. Make certain vent caps are on securely. If battery case is damaged, avoid bodily contact with internal components. Wear protective clothing, eye and face protection, when charging or handling batteries.

Hygiene Practices:

Wash hands thoroughly before eating, drinking or smoking after handling batteries.

Respiratory Protection (NIOSH/MSHA approved):

None required under normal conditions. When concentrations of sulfuric acid mist are known to exceed PEL, use NIOSH or MSHA-approved respiratory protection.

Skin Protection:

None required under normal conditions. If battery case is damaged, use rubber or plastic acid-resistant gloves with elbow-length gauntlet, acid-resistant apron, clothing, and boots.

Eye Protection:

None required under normal conditions. If battery case is damaged, chemical goggles or face shield.

Other Protection:

In areas where water and sulfuric acid solutions are handled in concentrations greater than 1%, emergency eyewash stations and showers should be provided, with unlimited water supply.

	IX. PHYSICAL AND CHEMICA	L PROPERTIES - ELECTROLYTE	
Boiling Point@760	226 to 237° F	Specific Gravity @ 77°F (H ₂ O=1)	1.2185 to 1.3028
mm Hg			
Melting Point	Not Applicable	Vapor Pressure (mm Hg)	13.5 to 17.8
% Solubility in	100	pH	Less than 1
Water			
Evaporation Rate	Less Than 1	Vapor Density (AIR=1)	Greater than 1
(Butyl acetate=1)		Viscosity	Not applicable
Appearance and	Sulfuric Acid: Clear liquid with a sharp,	% Volatiles by Volume @70°F	Not Applicable
Odor Threshold	penetrating, pungent odor.		
	A battery is a manufactured article; no		
	apparent odor.		
Octanol Water	Not Applicable		
Partition			
Coefficient (K _{ow})			
Note: The properties	above reflect 30-40% Sulfuric acid		
	X. STABILITY &	REACTIVITY DATA	
Stability: Sta	able <u>X</u>		
Uı	nstable		

Conditions to Avoid: Prolonged overcharging and overheating current; sparks and other sources of ignition.

Incompatibilities: (materials to avoid)

<u>Electrolyte</u>: Contact with combustibles and organic materials may cause fire and explosion. Also reacts violently with strong reducing agents, metals, sulfur trioxide gas, strong oxidizers, and water. Contact with metals may produce toxic sulfur dioxide fumes and may release flammable hydrogen gas. No further concern for mechanical impact.

Lead compounds: Avoid contact with strong acids, bases, halides, halogenates, potassium nitrate, permanganate, peroxides, nascent

Hazardous Decomposition Products:

<u>Electrolyte</u>: Sulfur trioxide, carbon monoxide, sulfuric acid mist, sulfur dioxide, hydrogen sulfide. <u>Lead compounds</u>: Temperatures above the melting point are likely to produce toxic metal fume, vapor, or dust; contact with strong acid or base or presence of nascent hydrogen may generate highly toxic arsine gas.

Hazardous Polymerization: Will Not Occur

XI. TOXICOLOGICAL DATA

Routes of Entry:

Electrolyte: Harmful by all routes of entry.

Lead compounds: Hazardous exposure can occur only when product is heated above the melting point, oxidized or otherwise processed or damaged to create dust, vapor, or fume.

Acute Toxicity:

Inhalation LD ₅₀ :	<u>Electrolyte</u> : LC_{50} rat: 375 mg/m ³ ; LC_{50} : guinea pig: 510 mg/m ³
	Elemental Lead: Acute Toxicity Point Estimate = 4500 ppmV (based on lead bullion)
Oral LD ₅₀ :	Electrolyte: rat: 2140 mg/kg
	Elemental lead: Acute Toxicity Estimate (ATE) = 500 mg/kg body weight (based on lead bullion)

Inhalation:

<u>Electrolyte</u>: Breathing of sulfuric acid vapors or mists may cause severe respiratory irritation. <u>Lead compounds</u>: Inhalation of lead dust or fumes may cause irritation of upper respiratory tract and lungs.

Ingestion:

<u>Electrolyte</u>: May cause severe irritation of mouth, throat, esophagus, and stomach. <u>Lead compounds</u>: Acute ingestion may cause abdominal pain, nausea, vomiting, diarrhea, and severe cramping. This may lead rapidly to systemic toxicity.

Skin Contact:

<u>Electrolyte</u>: Severe irritation, burns, and ulceration. Sulfuric acid is not readily absorbed through the skin and is not a dermal sensitizer.

Lead compounds: Not absorbed through the skin and not a dermal sensitizer.

Eye Contact:

<u>Electrolyte</u>: Severe irritation, burns, cornea damage, blindness. <u>Lead compounds</u>: May cause eye irritation.

Synergistic Products:

Electrolyte: No known synergistic products

Lead compounds: Synergistic effects have been noted with heavy metals (arsenic, cadmium, mercury), N-nitroso-N-(hydroxyethyl)ethylamine, N-(4-fluoro-4-biphenyl)acetamide, 2-(nitrosoethylamine)ethanol, and benzo[a]pyrene.

Additional Information:

Medical Conditions Generally Aggravated by Exposure:

Overexposure to sulfuric acid mist may cause lung damage and aggravate pulmonary conditions. Contact of electrolyte (water and sulfuric acid solution) with skin may aggravate skin diseases such as eczema and contact dermatitis. Contact of electrolyte (water and sulfuric acid solution) with eyes may damage cornea and/or cause blindness. Lead and its compounds can aggravate some forms of kidney, liver, and neurologic diseases.

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 VIII. Follow good personal hygiene to avoid inhalation and ingestion: wash hands, face, neck and arms thoroughly before eating, smoking or leaving the work site. 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 nor laundered with personal non-contaminated clothing. This product is intended for industrial use only and should be isolated from children and their environment.

XII. ECOLOGICAL INFORMATION

Environmental Fate: 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

		h (Cyprinus carpio): 22 mg/L	
Lead:		atic invertebrates): <1 mg/L, DISPOSAL INFORMATIO	
US	АШ,	DISPUSAL INFORMATIO	1
Sulfuric Acid:	hazardous waste. Dispose of	f as a hazardous waste. If uncer	nd place in a container labeled as containing rtain about labeling procedures, call your local AD CONTAMINATED ACID TO SEWER.
Spent batteries	Neutralize as in preceding st as applicable. A copy of thi battery.	ep. Collect neutralized materia s MSDS must be supplied to an	cable federal, state and local regulations al in sealed container and handle as hazardous waste ny scrap dealer or secondary lead smelter with the
		TRANSPORT INFORMATION	ON
Batteries, Wet, Non-Sp UN 2800, 8, PG III	BLE" or "NON-SPILLABLE BA R 173.159 for details.		
For air shipments, refer	ence IATA Dangerous Goods Re	gulations Special Provision A	67 and Packing Instruction 872.
VESSEL – IMO-IMD For shipments by water	G: , reference IMDG Special Provis	ion 238 and Packing Instructio	on P003.
or hazardous label an - Each battery and the - Batteries must be kep	complies with the provisions list d is not subject to hazardous ship puter packaging must be plainly a t upright at all times and package	ping paper requirements. and durably marked "NON-SP ed as required to prevent short of	not require marking with an identification number ILLABLE" or "NON-SPILLABLE BATTERY". circuits. of goods, per applicable origin/destination/customs
points us shipped.	XV. RI	EGULATORY INFORMATI	ION
Sulft 1,00 EPC	PCRA Extremely Hazardous Su iric acid is a listed "Extremely Ha) lbs. RA Section 302 notification is re	azardous Substance" under EP0 quired if 500 lbs or more of su	CRA, with a Threshold Planning Quantity (TPQ) of lfuric acid is present at one site (40 CFR 370.10). 5 lbs of sulfuric acid. Contact your GNB
Section 304 C Repo	ning and Community Right to Kn	100% sulfuric acid under CER	CLA (Superfund) and EPCRA (Emergency d local reportable quantities for spilled sulfuric acid
EPC	12 Hazard Categorization: RA Section 312 Tier Two reporti 0 lbs or more and/or if lead is pr		tive batteries if sulfuric acid is present in quantities s or more.
Sup			nemicals subject to the reporting requirements of orization Act of 1986 and 40 CFR Part 372.
<u>Cher</u> Lead Elect		<u>CAS</u> 7439-92-1 7664-93-9	Percent by Weight 75-77 14-16
with		ar year. Note: The Section 313) through 39, this information must be provided 3 supplier notification requirement does not apply
TSCA: Each ingre	dient chemical listed in Section I	II of this SDS is also listed on	the TSCA Registry.
OSHA: Consider	ed hazardous under Hazard Com	nunication Act (29CFR1910.1	200)
		Page 5 of 7	

RCRA: Spent lead-acid batteries are not regulated as hazardous waste when recycled.

CAA: Battery Systems 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 substances. Pursuant to Section 611 of the Clean Air Act Amendments (CAAA) of 1990, finalized on January 19, 1993, Battery Systems established a policy to eliminate the use of Class I ODC's prior to the May 15, 1993 deadline.

NFPA Hazard Rating for sulfuric acid:

Flammability (Red)	=	0
Health (Blue)	=	3
Reactivity (Yellow)	=	2

US State Notifications & Warnings	Identification	Notifications/Warning					
California	California Proposition 65		"WARNING: This product contains			e of	
			California to cause cancer, or birth d				
			Battery posts, terminals, and related				
			chemicals known to the State of Cali				
			Batteries also contain other chemical	s known to the St	ate of California t	o cause	
			cancer.				
			The following chemicals identified to				
			into commerce are known to the Stat	e of California to	cause cancer, birt	h defects	
			or to cause reproductive harm:	uding gulfurio ogi	1. CAC #. NA. 19	2 1 10/ mut	
			 Strong inorganic acid mists include. Lead – CAS No. 7439-92-1; 71- 		1, CAS #: NA, 1c	5-24% WI	
	Consumer Product Volati	le	This product is not regulated as a con		r purposes of CAI	RB/OTC	
	Organic Compound Emis		VOC Regulations, as sold for the inte				
	Organic Compound Emissions		industrial/commercial supply chain.	ended pulpose and	i into the		
Country/Organ	nization	Identi	ification	Notifications/Warning			
Canada		All ch	emical substances in this product are		s been classified i	in	
			on the CEPA DSL/NDSL or are	accordance with the hazard criteria of the			
		exemp	ot from list requirements.	Controlled Products Regulations and the			
		-	-	SDS contains a	ll the information	required	
				by the Controlle	ed Products Regul	lations.	
				Refer to the Controlled Products Regulation			
				for product labeling requirements			
		NPRI	and Ontario Regulation 127/01	This product contains the following			
					ect to the reporting		
					Canada NPRI an	d/or Ont.	
				Reg. 127/01:	CAS #	0/	
				<u>Chemical</u> Lead	<u>CAS #</u> 7439-92-1	<u>% wt</u> 71-73	
				Sulfuric acid	7664-93-9	18-24	
		Toxic	Substances List	Lead	7004-75-7	10-24	
EU		Europ	ean Inventory of Existing	All ingredients	remaining in the f	finished	
-			nercial Chemical Substances	All ingredients remaining in the finished product as distributed into commerce are			
		(EINE			r included on, the		
					isting Commercia		
				Chemical Subst	ances.		
		X	VI. OTHER INFORMATION				
	: September 11, 2013						
OTHER INFO	RMATION:		Distribution into Qu		nadian Controlled	Product	
			Regulations (CPR) 24(1) and 24(2).				
			Distribution into the EU to follow applicable Directives to the Use,				
SOUDCES		Import/Export of the product as-sold. International Agency for Research on Cancer (1987), IARC					
SOURCES OF INFORMATION:			Monographs on the				
			Overall Evaluations				
			Monographs Volum				
			Ontario Ministry of				
			Respecting Exposure				
	PREPARED BY:	DIRECTOR OF SAFETY AND SPECIAL PROJECTS					
		BILL MCALEXANDER					

5509 WEST VALLEY HWY #B102 SUMNER, WA 98390

VENDEE AND THIRD PERSONS ASSUME THE RISK OF INJURY PROXIMATELY CAUSED BY THE MATERIAL IF REASONABLE SAFETY PROCEDURES ARE NOT FOLLOWED AS PROVIDED FOR IN THE DATA SHEET, AND VENDOR SHALL NOT BE LIABLE FOR INJURY TO VENDEE OR THIRD PERSONS PROXIMATELY CAUSED BY ABNORMAL USE OF THE MATERIAL EVEN IF REASONABLE PROCEDURES ARE FOLLOWED.

ALL PERSONS USING THIS PRODUCT, ALL PERSONS WORKING IN AN AREA WHERE THIS PRODUCT IS USED, AND ALL PERSONS HANDLING THIS PRODUCT SHOULD BE FAMILIAR WITH THE CONTENTS OF THIS DATA SHEET. THIS INFORMATION SHOULD BE EFFECTIVELY COMMUNICATED TO EMPLOYEES AND OTHERS WHO MIGHT COME IN CONTACT WITH THE PRODUCT.

WHILE THE INFORMATION ACCUMULATED AND SET FORTH HEREIN IS BELIEVED TO BE ACCURATE AS OF THE DATE HEREOF, BATTERY SYSTEMS MAKES NO WARRANTY WITH RESPECT THERETO AND DISCLAIMS ALL LIABILITY FROM RELIANCE THEREON. RECIPIENTS ARE ADVISED TO CONFIRM IN ADVANCE OF NEED THAT THE INFORMATION IS CURRENT, APPLICABLE, AND SUITABLE FOR THEIR PARTICULAR CIRCUMSTANCES.

ANY PHOTOCOPY MUST BE OF THIS ENTIRE DOCUMENT