000148

Material Safety Data Sheet
May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form)
Form Approved
OMB No. 1218–0072



IDENTITY (As Used on Label and List) Note: Blank spaces are not permitted. If any Item is not applicable, or no information is available, the space must be marked to indicate that Bahtery Electrolyte Section I Manufacturer's Name Emergency Telephone Number East Penn Manufacturing Co., Inc. (215) 682-6361 Address (Number, Street, City, State, and ZIP Code) Telephone Number for Information (215) 682-6361 Deka Road Date Precared September 23, 1986 Lyon Station, PA Signature of Preparer (optional) Section II — Hazardous Ingredients/Identity Information Other Limits Hazardous Components (Specific Chemical Identity; Common Name(s)) OSHA PEL ACGIH TLY Recommended % (aptional) I.Omq/M³ <u>Oma</u>/M³ Sulfuric acid CAS #007664939 N.A. 30 N.A. (not applicable) Section III — Physical/Chemical Characteristics **Boiling Point** Specific Gravity (H2O = 1) 235⁰ F 1.220 1.325 Vapor Pressure (mm Hg.) Melting Point 13 not applicable Vapor Density (AIR = 1) Evaporation Rate not applicable (Butyl Acetate = 1) less than 1.0 Solubility in Water completely Appearance and Odor clear, odorless, colorless Section IV — Fire and Explosion Hazard Data Flash Point (Method Used) Flammable Limits UEL non-flammable not applicable Extinguishing Media ₄not applicable Special Fire Fighting Procedures sulfuric acid will not burn, but is capable of igniting finely divided combustible material on contact. Combustibles may be smothered by dry chemical extinguishing media. Unusual Fire and Explosion Hazards not applicable.

Section V—	Reactivity Da		To			
Stability	Unstable	İ	Contract with metal m	av rologeo ev	plosive hydrogen gas.	
	Stable	X	John Williams 131 me	ay referde ex	prostve nyarogar gas.	
Incompatibility	(Materials to Avoid	n Stro	l ng alkali materials, can	bides, chlor	ates, nitrates and pie	rafes.
Hazardous Deco	mposition or Byono	orga ducts	nic acid, acetates, anhyd	drites		· · · · · · · · · · · · · · · · · · ·
Thermal Hazamous	decompositi	on or	combustion may produce	a sulfur tri	oxide, and/or sulfur d	ioxide.
Polymerization	May Occur		Conditions to Avoid		•	
	Will Not Occur	X			. •	
	- Health Hazar		(SULFURIC ACID)	·		
Route(s) of Entry	_	valation?	Skin? Contact)	Ingestion?	
Health Hazards (and thre	Acute and Chronic)	Short	term exposure: Sulfuri ntact may cause severe	c acid may ca	ause irritation of eyes	, nose
Lona fe	rm exposure:	Rebe	ated contact causes irr	tation and o	Tkin hunne. Herentin	
nose, fi	roat and br	onchia	I tubes.	Trainon, and	or chronic inflammatio	n of th
TARGET (Carcinogenicity:	<u> JRGANS: Res</u>	orrate	<u>ry system, eyes, skin a</u>	nd teeth.	*** *** *** *** *** *** *** *** *** **	·
Not app	licable.		WHC MO	nographs?	OSHA Regulated?	:
Name and Olempia			Control of the Control		e e practica	
of mist	may produce	respi	ontact may cause irrita ratory difficulty. Con	tion of eyes, tact with eve	nose and throat. Bre	athing
			IVE chemical.		······································	<u> </u>
Andical Condition	15 8	ou mor	ary edema, bronchitis e obronchitis.	mphysema, den	tal erosion and	
romany riggias.	ated by Exposore	<u>rache</u>	opronchitis.			
mercency and F	irst Aid Procedures	11 EI	uch contraded and the			
minutes.	Remove cont	amina	ush contacted area with ted clothing and obtain	large amount <u>medical att</u> e	s of water for at leas	† 15 .
large vo shower s	olumes of wat stations show	er; D	NOT induce vomiting, on made available.	obtain medica	l treatment; 3) Eyewası	n and
SECTION AII -	- Precautions 1	or Sat	Handling and Use			
teps to Be Take	n in Case Material	is Releas	ed or Spilled 1th 5 to 6 volumes of wa	ator and nout		
asn or i	ime. When e	XDOSII	ith 5 to 6 volumes of ware level is not known, w	wear NIOSH ap	ralize gradually with s proved positive pressui	oda e
Sell Con	tained respi	rator				
Vaste Disposal M		*		<u> </u>		· · · · ·
Place in	acid resist	ant c	ontainers. Disposal mus	st be made in	accordance with applic	Jable
	ntal regulat				• ,	*
Store aw	Taken in Handling ay from reac	and Sto tive i	ing naterials. (Reactivity D	Data Section \	/)	<u> </u>
			personal protective equ			(111)
Xther Precautions				···		
Soda ash	. sand or li	ne sho	ould be kept in same gen	eral area for	emerqency use.	-
antina VIII	0-4-136			·		<i>a</i> ,
	- Control Meas		as respirator required	whom PLI is a		
·		espir	atory irritation. (See	Section VI, F	exceeded or employee wi lealth Hazard Data)	Tnesse:
	Local Exhaust		•	Special		
	Mechanical (Genera)		Other Adequate	ventilation to mainta w PEL.	in /
rotective Gloves			. Eye Pro	tection		
	stant (i.e. Nothing or Equipmen				ggles and/or face shie	ld.
Acid resi	stant aprons	boc	ts and protective cloth	ing.		
ork/Hygienic Pra Good pers	sonal hygiene	and	work practices are manda	atory.		