

Page 1 of 6 HFT-62586

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 1.0

SDS Revision Date: 3/5/2015

1. PRODUCT & COMPANY IDENTIFICATION				
1.1	Product Name:	12 V 10 Ah LEAD ACID GEN BATTERY		
1.2	Chemical Name:	Sealed Maintenance-Free Lead-Acid Motorcycle Battery (Non-Spillable)		
1.3	Synonyms:	P/N 62586		
1.4	Trade Names:	Thunderbolt Magnum		
1.5	Product Uses & Restrictions:	Electric Storage Battery		
1.6	Distributor's Name:	Harbor Freight Tools USA, Inc.		
1.7	Distributor's Address:	26541 Agoura Road, Calabasas, CA 91302 USA		
1.8	Emergency Phone:	CHEMTREC: +1 (703) 527-3887 / +1 (800) 424-9300 (CCN 676687)		
1.9	Business Phone / Fax:	+1 (805) 388-1000		

### 2. HAZARDS IDENTIFICATION

2.1 Hazard Identification:

This product is classified as a hazardous substance and as dangerous goods according to the classification criteria of [NOHSC: 1088 (2004)] and ADG Code (Australia).

DANGER! CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. HARMFUL IF SWALLOWED. TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS.

Hazard Statements (H): H314 – Causes severe skin burns and eye damage. H302 – Harmful if

swallowed. H411 – Toxic to aquatic life with long lasting effects. Precautionary Statements (P): P260 - Do not breathe fumes/mist/vapor/spray. P264 - Wash hands and exposed skin areas with soap and warm water thoroughly after handling. P273 – Avoid release to the environment. P280 – Wear protective gloves/eye protection. P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. P363 - Wash contaminated clothing before reuse. P304+P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P310 - Immediately call a POISON CENTER or doctor/physician. P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. P405 – Store locked up. P501 - Dispose of contents/container to licenses treatment, storage and disposal facility (TSDF).



### 3. COMPOSITION & INGREDIENT INFORMATION

	0. 0	<u> </u>	011 & 1110	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1141	Oivi	VI/ \ I	1011				
								EXPO	SURE L	IMITS IN	N AIR (m	ıg/m³)	
					AC	GIH		NOHSC			OSHA		
					pp	m		ppm			ppm		
							ES-	ES-	ES-				
CHEMICAL NAME(S)	CAS No.	RTECS No.	EINECS No.	%	TLV	STEL	TWA	STEL	PEAK	PEL	STEL	IDLH	OTHER
		T	INORGANIC L	_							1	1	1
LEAD	7439-92-1	OF7525000	231-100-4	60-100	(0.05)	NA	NF	(0.15)	NF	NA	100	(100)	
	Acute Tox. 4;	Acute Tox. 4; Rep	or. 1A; STOT RE	2; Aquatic	Acute 1	1; Aqua	itic Chro	nic 1; ł	1302, F	1332, H	360, H3	373, H4	00, H410
LEAD DIOXIDE	1309-60-0	OG0700000	215-174-5	1-5	(0.05)	NA	(0.05)	NF	NF	(0.05)	NA	NA	
LEAD DIOXIDE	Ox. Sol. 3; Ac	ute Tox. 4; Acute	Tox. 4; Repr. 1A	; STOT RE	2; Aq.	Acute 1	1; Aq. C	hronic	1; H272	2, H302	, H332,	H360,	H373, H400, H410
				1-5	(0.05)	NA	(0.05)	NF	NF	(0.05)	NA	NA	
LEAD SULFATE	Ox. Sol. 3; Ac	ute Tox. 4; Acute	Tox. 4; Repr. 1A	; STOT RE	2; Aq.	Acute '	1; Aq. C	hronic	1; H272	2, H302	, H332,	H360,	H373, H400, H410
	7440-31-5	XP7320000	231-100-4	0.1-1	(2)	NA	(2)	NF	NF	NA	NA	(100)	(2) NIOSH
TIN		•	•										, ,
CALCIUM	7440-70-2	EV8040000	231-179-5	0-0.1	NA	NA	NF	NF	NF	NA	NA	NA	
CALCIUM	Water React.	2; H261											
			ELEC	TROLYTE									
SULFURIC ACID	7664-93-9	WS5600000	231-639-5	10-30	(0.2)	(2)	(1)	(2)	NF	(1)	NA	(15)	
SULFURIC ACID	Skin Corr. 1A;	H314											
			FIBERGLAS	S SEPARA	ATOR								
FIDERCI ACC	NA	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA	
FIBERGLASS													
			PLAS <sup>1</sup>	TIC CASE									
DOLVDDODYLENE (DD)	9003-07-0	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA	
POLYPROPYLENE (PP)		•	•				•			•		•	
ACRYLONITRILE BUTADIENE	9003-56-9	NA	NA	1-5	NA	NA	NF	NF	NF	NA	NA	NA	
STYRENE (ABS)		•	•				·	<u> </u>		·		·	



Page 2 of 6 **HFT-62586** 

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.0 SDS Revision Date: 3/5/2015

			4 FIDOT AID MEAGUIDES				
	T	1	4. FIRST AID MEASURES				
4.1	First Aid:	Ingestion:  Eyes:	Give large quantities of water, but do NOT induce vounconscious person. Contact the nearest Poison Control assistance and instructions. Seek immediate medical at victim's head lowered (forward) to reduce the risk of aspiral for product gets in the eyes, flush eyes thoroughly with concluding eyelid(s) open to ensure complete flushing. If the	Center or loo tention. If vo ation. opious amou	al emergend omiting occu nts of water	by telephone irs spontaned for at least 1	number for busly, keep 5 minutes,
		Skin:	use, consult a physician or emergency room immediately.  If an open battery cell: Remove contaminated clothing all discomfort persists and/or the skin reaction worsens,	nd wash affe	cted areas v	with soap and	d water. If
		Inhalation:	contaminated clothing until after it has been properly clear Remove victim to fresh air at once. Under extreme condit respiration. Seek immediate medical attention.	ned.			
4.2	Effects of Exposure:	Eyes: Skin:	Severe irritation, burns, cornea damage, blindness. Lead Severe irritation, burns, and ulceration if open battery cell				
		Ingestion:	May cause severe irritation of mouth, throat, esopha compounds may cause abdominal pain, nausea, vomiting rapidly to systemic toxicity.				
		Inhalation:	Breathing of sulfuric acid vapors or mists may cause seve fumes may cause irritation of upper respiratory tract and lu		y irritation. Ir	nhalation of le	ead dust or
4.3	Symptoms of Overexposure:	Eyes: Skin:	Severe irritation, redness, and watering, damage to corne. Severe skin irritation, red, itching skin, burns and ulcera skin.				ontact with
		Ingestion: Inhalation:	Severe discomfort, nausea, vomiting and headache. Symabdominal pain, loss of appetite, muscular aches and wea May cause irritation to the upper respiratory system. Over	kness, sleep	disturbance	s, and irritabi	lity.
4.4	Acute Health Effects:		pneumonitis. exposure can occur only when product is heated above the	melting point	, oxidized or	otherwise pr	ocessed or
4.5	Chronic Health Effects:		create dust, vapor, or fume. psion of tooth enamel; inflammation of nose, throat, and bro	nchial tubes	Anemia: ne	euronathy na	rticularly of
			erves, with wrist drop; kidney damage; reproductive changes				iniodidity of
4.6	Target Organs:		atory System, Central Nervous System (CNS).				
4.7	Medical Conditions Aggravated by Exposure:		re to sulfuric acid mist may cause lung damage and pulmonary conditions. Contact of electrolyte (water and	HEALTH			3
		sulfuric acid	solution) with skin may aggravate skin diseases such as d contact dermatitis. Contact of electrolyte (water and	FLAMMA PHYSICA	BILITY L HAZARI	os	0 2
			I solution) with eyes may damage cornea and/or cause	PROTEC	TIVE EQUI	PMENT	Х
			Lead and its compounds can aggravate some forms of and neurologic diseases.	EYES	SKIN	LUNGS	
			5. FIREFIGHTING MEASURES				
5.1	Fire & Explosion Hazards:		al can burn but will not readily ignite. However, if involve at high temperatures to form toxic gases (e.g., CO, CO <sub>X</sub> , Hyo		his product	may	
5.2	Extinguishing Methods:		emical, Alcohol foam, Dry Chemical. Use water spray to co				
5.3	Firefighting Procedures:	fire, wear M protective go	ners cool until well after the fire is out. Fight fires as for surr ISHA/NIOSH approved self-contained breathing apparatus ear. Keep containers cool until well after the fire is out.	(pressure-d Use water s	emand) and oray to cool	full 3	0
		exposed surfaces and to protect personal. Fight fire upwind. Avoid spraying water directly into storage containers because of danger of boil-over. Prevent runoff from fire control or dilution from entering sewers, drains, drinking water supply, or any natural waterway. Firefighters must use full bunker gear including NIOSH-approved positive pressure self-contained breathing apparatus to					
		protect again	nst potential hazardous combustion or decomposition produc	, ,	en deficienci	es.	
	<u></u>		6. ACCIDENTAL RELEASE MEASUR	ES			
6.1	Spills:	Equipment, chemical-re Small Spills material suc water or a i plastic brook Large Spills immediate hrisk. Wear	ining any spill or leak, individuals involved in spill clean including protective gloves and eyewear. Plastic or rub sistant apron may be required for clean-up of large spills.  Wear appropriate protective equipment including gloves a chas vermiculite or sand to soak up the product and place material such as "speedy dry" to soak up material. Sweep mas, shovels, dustpans) and place into a plastic container or some incompatible materials away from spill. Stay unazard area and keep unauthorized personnel out of area. Sappropriate protective equipment including respiratory prospossible and collect in acid-resistant container. Use abso	and protective into a contact plastic liner very pwind and a Stop spill or retection as co	respirator, established establ	Use a non-cer disposal. It is parking mater container. It is parking mater container. It is parking the done werrant. Recover	ection and ombustible Do not use erials (e.g., se. Isolate rith minimal er as much
		directly into	a sewer or surface waters.				



Page 3 of 6 **HFT-62586** 

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 1.0

SDS Revision Date: 3/5/2015

		7. HANDLIN	G & S	IORA	NI JU	FURIN	AHON								
7.1	Work & Hygiene Practices:	DANGER! CONTAINS SULFU puncturing container(s).							this pro	duct. F	landle as to avoic				
7.2	Storage & Handling:	sunlight. Keep away from inc	Use and store in a cool, dry, well-ventilated location (e.g., local exhaust ventilation, fans) away from heat and direct sunlight. Keep away from incompatible substances. Protect containers from physical damage. Storage and handling areas should be equipment to capture and neutralize spills.												
7.3	Special Precautions:	Clean all spills promptly. Spilled material may present a slipping hazard.													
7.0	opedial i reductions.	Clean all spills promptly. Spille	u matema	i illay pi	esent a si	ipping naz	aiu.								
		8. EXPOSURE CON	ITROL	S & I	PERSO	DNAL F	PROTE	CTIO	N						
8.1	Exposure Limits:		ACC			NOHSC			OSHA		OTHER				
	ppm (mg/m³)	CHEMICAL NAME(S)	TLV	STEL	ES-TWA	ES-STEL	ES-PEAK	PEL	STEL	IDLH					
		LEAD	(0.05)	NA	NF	(0.15)	NF	NA	100	(100)					
		LEAD DIOXIDE	(0.05)	NA (2)	(0.05)	NF (0)	NF	(0.05)	NA	NA (500)					
		SULFURIC ACID TIN	(1)	(2) NA	(1)	(2) NF	NF NF	(1)	NA NA	(500)					
8.2	Ventilation & Engineering	General mechanical (e.g., fan								· · · ·	l local or general				
	Controls:	exhaust ventilation to effective product. Ensure appropriate de	ly remov	e and p	prevent bu	ildup of v	apors or i	nist gen	erated	from the	e handling of this				
8.3	Respiratory Protection:														
		instances where mist or vapor use only protection authorized	In special respiratory protection is required under typical circumstances of use or handling. In instances where mist or vapors of this product are generated, and respiratory protection is needed, see only protection authorized by 29 CFR §1910.134, applicable U.S. State regulations, or the canadian CAS Standard Z94.4-93 and applicable standards of Canadian Provinces, EC member of Australia.												
8.4	Eye Protection:	product. Always use protective shield if splashing or spraying absorb and concentrate irritant	Wear protective eyewear (e.g., safety glasses with side-shield) at all times when handling this product. Always use protective eyewear when cleaning spills or leaks. Wear goggles and/or face shield if splashing or spraying is anticipated. Contact lenses pose a special hazard; soft lenses may absorb and concentrate irritants. Have suitable eye wash water available. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN												
8.5	Hand Protection:	Use gloves constructed of chemical-resistant materials such as neoprene or heavy nitrile rubber if frequent or prolonged contact is expected. If necessary, refer to U.S. OSHA 29 CFR §1910.138, the appropriate standards of Canada, or the EU member states.													
8.6	Body Protection:	Avoid prolonged and/or repeated skin contact. Use clean and impervious protective clothing (e.g., neoprene or Tyvek®) if splashing or spraying conditions are present. Protective clothing should include long-sleeves, apron, boots and additional facial protection. If necessary, refer to appropriate standards of Canada, the EU member states, or U.S. OSHA.					A								
		A DIIVOIAA													
0.4	T .	9. PHYSICA		HEMI	CAL P	ROPE	RIIES								
9.1	Appearance:	Plastic case electric storage ba													
9.2	Odor: Odor Threshold:	No apparent odor. Electrolyte	s clear liq	uid with	sharp pur	ngent odor	-								
9.4	pH:									NA .					
9.5	Melting Point/Freezing Point:				NA .										
0.0		NA .													
9.6															
	Initial Boiling Point/Boiling Range:	NA													
9.7	Initial Boiling Point/Boiling Range: Flashpoint:														
9.7	Initial Boiling Point/Boiling Range:	NA													
9.7 9.8	Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability	NA NA													
9.7 9.8 9.9	Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits:	NA NA NA													
9.7 9.8 9.9 9.10	Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure:	NA NA NA													
9.7 9.8 9.9 9.10 9.11	Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density:	NA NA NA NA	e. Electro	olyte: 10	00% solub	le in water									
9.7 9.8 9.9 9.10 9.11 9.12	Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log Pow):	NA Sealed electric battery: Insolub NA	le. Electro	olyte: 10	00% solub	le in water									
9.7 9.8 9.9 9.10 9.11 9.12 9.13	Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log Pow): Autoignition Temperature:	NA NA NA NA NA NA Sealed electric battery: Insolub	le. Electr	olyte: 10	00% solub	le in water									
9.7 9.8 9.9 9.10 9.11 9.12 9.13 9.14	Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log Pow): Autoignition Temperature: Decomposition Temperature:	NA NA NA NA NA NA NA NA NA Sealed electric battery: Insolub NA NA NA	le. Electro	blyte: 10	00% solub	le in water									
9.7 9.8 9.9 9.10 9.11 9.12 9.13 9.14	Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log Pow): Autoignition Temperature: Decomposition Temperature: Viscosity:	NA NA NA NA NA NA NA NA NA Sealed electric battery: Insolub NA NA	e. Electro	olyte: 10	00% solub	le in water									
9.7 9.8 9.9 9.10 9.11 9.12 9.13 9.14 9.15	Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log Pow): Autoignition Temperature: Decomposition Temperature:	NA NA NA NA NA NA NA NA NA Sealed electric battery: Insolub NA NA NA	le. Electro	olyte: 10	00% solub	le in water									
9.7 9.8 9.9 9.10 9.11 9.12 9.13 9.14 9.15 9.16	Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log Pow): Autoignition Temperature: Decomposition Temperature: Viscosity:	NA Sealed electric battery: Insolub NA NA NA NA													
9.7 9.8 9.9 9.10 9.11 9.12 9.13 9.14 9.15 9.16	Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log Pow): Autoignition Temperature: Decomposition Temperature: Viscosity:	NA NA NA NA NA NA Sealed electric battery: Insolub NA NA NA NA NA NA	ABILI	TY &	REAC	TIVITY									
9.7 9.8 9.9 9.10 9.11 9.12 9.13 9.14 9.15 9.16	Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log Pow): Autoignition Temperature: Decomposition Temperature: Viscosity: Other Information:  Stability: Hazardous Decomposition	NA NA NA NA NA NA Sealed electric battery: Insolub NA NA NA NA NA NA SA	ABILI	TY &	REAC	TIVITY									
9.7 9.8 9.9 9.10 9.11 9.12 9.13 9.14 9.15 9.16 9.17	Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log Pow): Autoignition Temperature: Decomposition Temperature: Viscosity: Other Information:  Stability: Hazardous Decomposition Products:	NA NA NA NA NA NA Sealed electric battery: Insolub NA NA NA NA NA NA Stable under normal conditions Oxides of carbon (CO, CO <sub>2</sub> ).	ABILI	TY &	REAC	TIVITY									
10.2	Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log Pow): Autoignition Temperature: Decomposition Temperature: Viscosity: Other Information:  Stability: Hazardous Decomposition Products: Hazardous Polymerization:	NA NA NA NA NA NA Sealed electric battery: Insolub NA NA NA NA NA Stable under normal conditions Oxides of carbon (CO, CO <sub>2</sub> ). Will not occur.	ABILI; unstable	TY &	REAC eat or conta	<b>TIVITY</b> amination.	,								
9.7 9.8 9.9 9.10 9.11 9.12 9.13 9.14 9.15 9.16 9.17	Initial Boiling Point/Boiling Range: Flashpoint: Upper/Lower Flammability Limits: Vapor Pressure: Vapor Density: Relative Density: Solubility: Partition Coefficient (log Pow): Autoignition Temperature: Decomposition Temperature: Viscosity: Other Information:  Stability: Hazardous Decomposition Products:	NA NA NA NA NA NA Sealed electric battery: Insolub NA NA NA NA NA NA Stable under normal conditions Oxides of carbon (CO, CO <sub>2</sub> ).	ABILI; unstable	TY & with he	REAC eat or conta	TIVITY amination.	sunlight.	Cook rate	ad cana	city					



14.6

14.7

SCT (MEXICO):

ADGR (AUS):

## SAFETY DATA SHEET

Page 4 of 6 **HFT-62586** 

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards SDS Revision: 1.0 SDS Revision Date: 3/5/2015 11. TOXICOLOGICAL INFORMATION Routes of Entry: Inhalation: NO Absorption: YES Ingestion: 11.1 YES 11.2 Toxicity Data: This product has NOT been tested on animals to obtain toxicology data. Toxicology data, found in scientific literature, is available for some of the components of this product and is presented below: Sulfuric Acid: LD<sub>50</sub> (oral, rat): 2140 mg/kg, LC<sub>50</sub> (inhalation, rat, 2h): 510 mg/m<sup>3</sup> 11.3 Acute Toxicity: See section 4.4 11.4 Chronic Toxicity: See section 4.5 11.5 Suspected Carcinogen: Sulfuric Acid (as a mist) is listed as IARC Group 1 (Carcinogenic to humans); however, this classification does not apply to liquid forms of sulfuric acid or sulfuric acid solutions in a battery. This mist can only be produced by misuse, such as Lead Dioxide is listed as ACGIH Group A3 (Confirmed animal carcinogen with unknown relevance to human); IARC Group 2A (Probably carcinogenic to humans); NTP13 Group 2 (Reasonably Anticipated to be a Human Carcinogen); CA65 (cancer). Lead is listed as ACGIH Group A3 (Confirmed animal carcinogen with unknown relevance to human); IARC Group 2B (Possibly carcinogenic to humans); NTP13 Group 2 (Reasonably Anticipated to be a Human Carcinogen); CA65 (cancer). 11 6 Reproductive Toxicity This product contains Lead, which is suspected of causing reproductive toxicity in humans. Mutagenicity This product is not reported to produce mutagenic effects in humans. Embryotoxicity: This product is not reported to produce embryotoxic effects in humans Teratogenicity: This product is not reported to cause teratogenic effects in humans. Reproductive Toxicity: This product contains Lead, which is suspected of causing reproductive toxicity in humans. 11 7 Irritancy of Product: The product can cause allergic skin reactions (e.g., rashes, welts, dermatitis) upon prolonged or repeated exposure 11.8 Biological Exposure Indices: May cause damage to organs through prolonged or repeated exposure. 11.9 Physician Recommendations: Treat symptomatically. 12. ECOLOGICAL INFORMATION Environmental Stability: 12.1 There are no specific data available for this product Effects on Plants & Animals: 12.2 There are no specific data available for this product. 12.3 Effects on Aquatic Life Lead: LC<sub>50</sub> (Cyprinus carpio, 96h): 0.44 mg/L; LC<sub>50</sub> (Oncorhynchus mykiss, 96h): 1.17 mg/L; LC<sub>50</sub> (Oncorhynchus mykiss, 96h): 1.32 mg/L, EC<sub>50</sub> (Daphnia magna, 48h): 600 μg/L Sulfuric Acid: LC<sub>50</sub> (Brachydanio rerio, 96h): > 500 mg/L, EC<sub>50</sub> (Daphnia magna, 48h): 29 mg/L 13. DISPOSAL CONSIDERATIONS Waste Disposal: Dispose of in accordance with federal, state, provincial and local regulations. 13.1 13.2 Special Considerations: 14. TRANSPORTATION INFORMATION The basic description (ID Number, proper shipping name, hazard class & division, packing group) is shown for each mode of transportation. Additional descriptive information may be required by 49 CFR, IATA/ICAO, IMDG and the CTDGR. 49 CFR (GND) EXCEPTED FROM REGULATION per 49 CFR 173.159 (d)(3)(i) and (ii) NONSPILLABLE BATTERY Mark battery and outer packaging "NON-SPILLABLE" or "NON-SPILLABLE BATTERY" 14.2 IATA (AIR) **EXCEPTED FROM REGULATION per IATA Special Provision A67** IMDG (OCN): 14.3 EXCEPTED FROM REGULATION per IMDG Code Special Provision 238 14.4 TDGR (Canadian GND): UN2800, BATTERIES, WET, NON-SPILLABLE, 8, III 14.5 ADR/RID (EU): **EXCEPTED FROM REGULATION per ADR Special Provision 238** 

EXCEPTED FROM REGULATION per SCT NOM-002-SCT/2011, Special Provision 238

EXCEPTED FROM REGULATION per ADGR 7.3 Special Provision 238



Page 5 of 6 **HFT-62586** 

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 1.0

SDS Revision Date: 3/5/2015

		15. REGULATORY INFORMATION				
15.1	SARA Reporting Requirements:	This product contains Lead and Sulfuric Acid, substances subject to SARA Title III, section 313 reporting requirements				
15.2	SARA Threshold Planning	and 40 CFR part 373. Sulfuric Acid: 454 kg (1,000 lbs)				
15.3	Quantity: TSCA Inventory Status:	The components of this product are listed on the TSCA Inventory or are otherwise exempt.				
15.4	CERCLA Reportable Quantity	Sulfuric Acid: 454 kg (1,000 lbs)				
15.5	(RQ): Other Federal Requirements:	Lead (and its compounds) is listed as a Hazardous Air Pollutant (HAP). Lead (and its compounds) is listed as a Toxic				
		Pollutant under the Clean Water Act (CWA). Lead is listed as Priority Pollutant under the CWA.				
15.6	Other Canadian Regulations:	This product has been classified according to the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by the CPR. The components of this product are listed on the DSL/NDSL. None of the components of this product are listed on the Priorities Substances List. WHMIS D1, E (Toxic, Corrosive)				
15.7	State Regulatory Information:  Other Requirements:	Lead can be found on the following state criteria list(s): California Proposition 65 (CA65), Florida Toxic Substances List (FL), Illinois Hazardous Substances List (IL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (NY), Pennsylvania Right-to-Know List (PA), Rhode Island Hazardous Substances List (RI), and Washington Permissible Exposures List (WA).  Lead Dioxide can be found on the following state criteria list(s): CA65, IL, MA, NJ and PA.  Sulfuric Acid can be found on the following state criteria list(s): CA65, DE, FL, MA, MN, NJ, PA, RI and WA.  Tin can be found on the following state criteria list(s): MA, NJ, and PA.  Calcium can be found on the following state criteria list(s): MA, NJ, and PA.  No other ingredients in this product, present in a concentration of 1.0% or greater, are listed on any of the following state criteria lists: California Proposition 65 (CA65), Delaware Air Quality Management List (DE), Florida Toxic Substances List (FL), Illinois Hazardous Substances List (IL), Massachusetts Hazardous Substances List (MA), Michigan Critical Substances List (MI), Minnesota Hazardous Substances List (MN), New Jersey Right-to-Know List (NJ), New York Hazardous Substances List (WA), Wisconsin Hazardous Substances List (WI).  WARNING: This product contains a substance(s) known to the State of California to cause cancer, birth defects or other reproductive harm. California law requires this warning be given to customers in the State of California.				
15.6	Other Requirements.	NA				
		16. OTHER INFORMATION				
16.1	Other Information:	DANGER! CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. HARMFUL IF SWALLOWED. TOXIC TO AQUATIC LIFE WITH LONG LASTING EFFECTS. Do not breathe fumes/mist/vapor/spray. Wash hands and exposed skin areas with soap and warm water thoroughly after handling. Avoid release to the environment. Wear protective gloves/eye protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower. 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 IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. KEEP OUT OF REACH OF CHILDREN.  WARNING: This product contains a substance(s) known to the State of California to cause cancer, birth defects or other reproductive harm.				
16.2	Terms & Definitions:					
16.3	Disclaimer:	See last page of this Safety Data Sheet.  This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR §1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of ShipMate's & Harbor Freight Tools USA, Inc.'s knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness is not guaranteed and no warranties of any type, either expressed or implied, are provided. The information contained herein relates only to the specific product(s). If this product(s) is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.				
16.4	Prepared for:	Harbor Freight Tools USA, Inc. 26541 Agoura Road Calabasas, CA 91302 USA Tel: +1 (805) 388-1000 http://www.harborfreight.com/				
16.5	Prepared by:	ShipMate, Inc. P.O. Box 787 Sisters, Oregon 97759-0787 USA Tel: +1 (310) 370-3600 Fax: +1 (310) 370-5700 http://www.shipmate.com				

Page 6 of 6 **HFT-62586** 

Prepared to OSHA, ACC, ANSI, NOHSC, WHMIS, 2001/58 & 1272/2008/EC Standards

SDS Revision: 1.0

SDS Revision Date: 3/5/2015

### **DEFINITION OF TERMS**

A large number of abbreviations and acronyms appear on a SDS. Some of these that are commonly used include the following:

#### **GENERAL INFORMATION:**

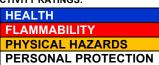
CAS NO.	Chemical Abstract Service Number				
EXPOSURE	EXPOSURE LIMITS IN AIR:				
ACGIH	American Conference on Governmental Industrial Hygienists				
С	Ceiling Limit				
ES	Exposure Standard (Australia)				
IDLH	Immediately Dangerous to Life and Health				
OSHA	U.S. Occupational Safety and Health Administration				
PEL	Permissible Exposure Limit				
STEL	Short-Term Exposure Limit				
TLV	Threshold Limit Value				
TWΔ	Time Weighted Average				

#### FIRST AID MEASURES:

CPR	Cardiopulmonary resuscitation - method in which a person whose heart has
	stopped receives manual chest compressions and breathing to circulate blood
	and provide oxygen to the hody

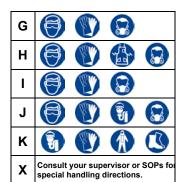
#### HMIS-III HEALTH, FLAMMABILITY & REACTIVITY RATINGS:

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard



#### PERSONAL PROTECTION RATINGS:

Α			
В			
С		THE STATE OF THE S	
D		THE STATE OF THE S	
Ε			
F			





Splash Goggles













Dust & Vapor Half-Mask Respirator

Full Face Respirator

Airline Hood/Mask or SCBA

#### OTHER STANDARD ABBREVIATIONS:

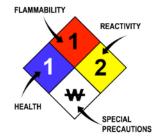
ML	Maximum Limit
mg/m3	milligrams per cubic meter
NA	Not Available
ND	Not Determined
NE	Not Established
NF	Not Found
NR	No Results
ppm	parts per million
SCBA	Self-Contained Breathing Apparatus

#### NATIONAL FIRE PROTECTION ASSOCIATION: NFPA

FLAMMABILITY LIMITS IN AIR:				
Autoignition	Minimum temperature required to initiate combustion in air with no other			
Temperature	source of ignition			
LEL	Lower Explosive Limit - lowest percent of vapor in air, by volume, that will			
	explode or ignite in the presence of an ignition source			
UEL	Upper Explosive Limit - highest percent of vapor in air, by volume, that will			
	explode or ignite in the presence of an ignition source			

#### **HAZARD RATINGS:**

0	Minimal Hazard
1	Slight Hazard
2	Moderate Hazard
3	Severe Hazard
4	Extreme Hazard
ACD	Acidic
ALK	Alkaline
COR	Corrosive
₩	Use No Water
OX	Oxidizer
TREFOIL	Radioactive



#### TOXICOLOGICAL INFORMATION:

LD <sub>50</sub>	Lethal Dose (solids & liquids) which kills 50% of the exposed animals				
LC <sub>50</sub>	Lethal concentration (gases) which kills 50% of the exposed animal				
ppm	Concentration expressed in parts of material per million parts				
TD <sub>Io</sub>	Lowest dose to cause a symptom				
TCLo	Lowest concentration to cause a symptom				
TD <sub>io</sub> , LD <sub>io</sub> , & LD <sub>o</sub> or	Lowest dose (or concentration) to cause lethal or toxic effects				
TC, TC <sub>o</sub> , LC <sub>io</sub> , & LC <sub>o</sub>					
IARC	International Agency for Research on Cancer				
NTP	National Toxicology Program				
RTECS	Registry of Toxic Effects of Chemical Substances				
BCF	Bioconcentration Factor				
TL <sub>m</sub>	Median threshold limit				
log Kow or log Koc	Coefficient of Oil/Water Distribution				

#### REGULATORY INFORMATION:

WHMIS	Canadian Workplace Hazardous Material Information System
DOT	U.S. Department of Transportation
TC	Transport Canada
EPA	U.S. Environmental Protection Agency
DSL	Canadian Domestic Substance List
NOHSC	National Occupational Health and Safety Commission (Australia)
NDSL	Canadian Non-Domestic Substance List
PSL	Canadian Priority Substances List
TSCA	U.S. Toxic Substance Control Act
EU	European Union (European Union Directive 67/548/EEC)
WGK	Wassergefährdungsklassen (German Water Hazard Class)
HMIS-III	National Paint & Coatings Association Hazardous Materials Identification System

### WORKPLACE HAZARDOUS MATERIALS IDENTIFICATION (WHMIS) SYSTEM:

0	<b>(*)</b>	<b>(2)</b>		$\odot$	<b>®</b>		(R)
Class A	Class B	Class C	Class D1	Class D2	Class D3	Class E	Class F
Compressed	Flammable	Oxidizing	Toxic	Irritation	Infectious	Corrosive	Reactive

#### EC (67/548/EEC) INFORMATION:

<b>1</b>		M	*		<b>*</b>	X	X
С	E	F	N	0	Т	Xi	Xn
Corrosive	Explosive	Flammable	Harmful	Oxidizing	Toxic	Irritant	Harmful

#### CLP/GHS (1272/2008/EC) PICTOGRAMS:

			$\Diamond$			<b>\limits</b>		
GHS01	GHS02	GHS03	GHS04	GHS05	GHS06	GHS07	GHS08	GHS09
Explosive	Flammable	Oxidizer	Pressurized	Corrosive	Toxic	Harmful Irritating	Health Hazard	Environment