Material Safety Data Sheet

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)

IDENTITY *(As Used on Label and List)* Electric Scooters and Electric Bicycles; Brands include Schwinn, GT, Mongoose, Mongoose Pro, I-Zip, Currie.	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.

Section I

Manufacturer's Name Currie Technologies, Inc	Emergency Telephone Number 800-377-4532, Ext 424 or Ext 400
Address *(Number, Street, City, State, and ZIP Code)*	Telephone Number for Information 800-377-4532, Ext 424 or Ext 400
9453 Owensmouth Avenue	Date Prepared Jan 3, 2005
Chatsworth, CA 91311	Signature of Preparer *(optional)*

Section II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA	ACGIH	Other Limits Recommended	%*(optional)*
Battery grid (Lead)	50mg/m^3	150mg/m^3	NIOSH 100mg/m^3	
Lead Dioxide (battery lead oxide)	50mg/m^3	150mg/m^3	NIOSH 100mg/m^3	
Lead Sulfate (battery anglesite)	50mg/m^3	150mg/m^3	NIOSH 100mg/m^3	
Sulfuric Acid-40% (battery electrolyte)	2mg/m^3	1mg/m^3	NIOSH 1mg/m^3	

Section III - Physical/Chemical Characteristics

Boiling Point	Lead (batt.)= 1755 C. Batt. Electrolyte= 110-112 C.	Specific Gravity (H_2O = 1)	Batt. Electrolyte= 1.30.-1.302
Vapor Pressure (mm Hg)	Batt. Electrolyte 11/7	Melting Point	Battery= 327.4 C
Vapor Density (AIR = 1)	Batt. Electrolyte= 3.40-3.45	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water Battery Electrolyte is 100% soluble in water. Lead and Lead Oxide are not soluble.			
Appearance and Odor Battery; Sealed, box shape, odorless. Internal component is acid saturated lead oxide, a reddish-brown to grey solid with slight acidic odor.			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits	LEL N/A	UEL N/A
Extinguishing Media: Carbon Dioxide, Dry Chemical, or Foam			
Special Fire Fighting Procedures: N/A			
Unusual Fire and Explosion Hazards: Do not expose battery to fire; may explode. Do not short-circuit battery; may cause burns.			

Section V - Reactivity Data

Stability	Stable or Unstable	Yes or No	Conditions to Avoid:
	Stable	Yes	In normal conditions of use, the scooter and components of the scooter will not present a health hazard. All information in this section is provided for battery. Hydrogen and Oxygen are produced in the cells of the sealed battery during normal operation. Chance of fire is minimal. Should battery become damaged, keep sparks and other sources of ignition away from leaking battery.

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? Mist generated during battery production	Skin? Is not a significant route of entry	Eye contact? Eyes may become irritated, not a significant route of entry
Health Hazards *(Acute and Chronic)*			
In normal conditions of use, the scooter and components of the scooter will not present a health hazard. All information in this section is provided for battery electrolyte and battery lead exposure that may occur during battery production or container breakage or under extreme heat conditions such as fire.			
Carcinogenicity: Inorganic sulfuric acid mist, an IARC Category 1 carcinogen, is not generated under normal use of this product. Misuse of the battery product such as overcharging, may however result in generation of sulfuric acid mist.			
Signs and Symptoms of Exposure: Skin may become itchy. Eyes may burn. Respiratory tract may become irritated			
Medical Conditions Generally Aggravated by Exposure: N/A			
Emergency and First Aid Procedures: Electrolyte contact with skin, wash with plenty of water immediately. Electrolyte contact with Eyes, wash wit copious amounts of water for 15 minutes and contact a physician. Electrolyte vapors inhalation, provide fresh air and seek medical attention if respiratory irritation develops, ventilate area.			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: In normal conditions of use, the scooter and components of the scooter will not present a health hazard. All information in this section is provided for battery. Handle batteries with leakage with rubber gloves. Avoid direct contact with electrolyte.
Waste Disposal Method: According to government regulations for battery disposal
Precautions to Be taken in Handling and Storing: Never disassemble scooter battery

Section VIII - Control Measures

Respiratory Protection *(Specify Type)*		
Ventilation	Local Exhaust N/A	Special N/A
N/A	Mechanical *(General)* N/A	Other N/A

Protective Gloves: Optional for riding	Eye Protection: Optional for riding
Other Protective Clothing or Equipment: Recommend helmet when ridding scooter. Also knee and elbow pads are suggested when riding scooter.	
Work/Hygienic Practices N/A	