MATERIAL SAFETY DATA SHEET

I. PRODUCT INDENTIFICATION •

TRADE NAME (as labeled):

POWER WINDSONIE

MANUFACTURER'S NAME:

POWER-SONIC CORPORATION

ADDRESS (complete mailing address):

3106 SPRING STREET, P.O. BOX 5242

REDWOOD CITY, CA 94063

Phone number for additional information:

(650) 364-5001

Date prepared or revised:

Name of preparer*:

January 2, 1991

II. HAZARDOUS INGREDIENTS •

II. HAZARDOGG INGREDIENTO						
Chemical Names	s CAS Numbers Pe	rcent* Expos ACGIH TLV	sure Limits in Air (give units) OSHA PEL Other (specify)			
(A)	Cadmium & Cadmium Hydroxide	13-16%	0.05 mg/m³			
(B)	Nickel & Nickel Hydroxide	20-30%	1.00 mg/m³			
(C)	Potassium Hydroxide or Sodium H	ydroxide 2-4%	2.00 mg/m³			
(D)	Cobalt Hydroxide	0.5-1.0%	0.10 mg/m³			

III. PHYSICAL PROPERTIES

Vapor density (air=1):

NA Melting point or range, °F:

NA Boiling point or range, °F:

NA Boiling point or range, °F:

NA Evaporation rate (butyl acetate=1):

NA Vapor pressure, mmHg at 20°C:

NA

Appearance and odor:

Each battery cell is a sealed cylindrical container enclosing

a cadmium electrode, nickel electrode and KOH or NaOH

electrolyte.

HOW TO DETECT THIS SUBSTANCE*: (warning properties of substance as a gas, vapor, dust, or mist):

NOTE: All required categories should be addressed. If any item is not applicable, or no information is available, the space must be marked to indicate that.

This voluntary form is provided by Cal/OSHA to assist MSDS preparers and users. Any format may be used as long as it contains all the required information.

^{*} Not a required category.

	IV. FIRE	AND EXPLOSION				
Flash-Point, °F (give method):	NA					
Auto ignition temperature, °F	: NA					
Flammable limits in air, volume	%: NA	lower (LEL)	upper (UEL)			
Fire extinguishing materials:						
water spray		_ carbon dioxide	other:			
foam		dry chemical				
Special firefighting procedures:		If incinerated use HIOSH/MSHA approved positive pressure self-contained breathing apparatus.				
Unusual fire and explosion haza	ards: Toxic C	admium Oxide fumes m	nay be released during burning.			
V LI	EALTH W	AZARD INFORMAT	TION			
V. N.	EALIN NA	AZARD INFORMA				
SYMPTOMS OF OVEREXPOSUR	RE for each p	otential route of exposu	ıre.			
Inhaled:	CD - possible	e lung or kidney damage	e; Ni - possible lung damage.			
Contact with skin or eyes:	KOH, NaOH I	ourns to tissue contact	dermatitis.			
		rge volume of water; mi	ld acid may be used to			
	neutralize.					
Swallowed:	Stomach irri	tation.				
space is needed. Acute: KOH, NaOH	TS OR RISKS FROM EXPOSURE. Explain in lay terms. Attach extra page if more i. KOH, NaOH burns to tissue contacted; Ni - possible contact dermatitis. CD - possible lung or kidney damage; Ni - possible lung damage.					
, page 1	OD - possible fally of Mailey dailings, in possible lang dailings.					
FIRST AID: EMERGENCY PRO	CEDURES					
Eye Contact: Flush with water for 15 minutes; contact physician. Skin Contact: Wash with large volume of water; mild acid may be used to neutralize. Inhaled: Remove to fresh air; contact physician. Swallowed: Contact physician immediately.						
SUSPECTED CANCER AGENT?	,					
XX_NO: This product's ingredients are not found in the lists below. YES: Federal OSHA NTP IARC						
YES: Federal OSH	A	NTP	IARU			
California employers using Cal/OSHA - regulated carcinogens must register with CAL/OSHA. The Cal/Osha and Federal OSHA carcinogen lists are similar.						

MEDICAL CONDITIONS AGRRAVATED BY EXPOSURE

Unknown

V	I. REACITIVTY DATA	 					
Stability:	XX Stable		_ Unstable				
Conditions to avaiod:	NA						
Incompatibility (materials to avoid):	NA						
Hazardous decomosition products: (including combustion products)	Toxic fumes may be released if incinerated.						
Hazardous polymerization:	May Occur	_XX_	_ Will not occur				
Conditions to avoid:	NA						
VII. SPILL, LEA	K, AND DISPOSAL PI	ROCEDU	JRES ———				
Spill response procedures (include e	mployee protection measure	es):					
Flush electrolyte spills v	Flush electrolyte spills with water. Do not break open battery cell.						
Preparing wastes for disposal (conta	iner types, neutralization, et	c.):					
Dispose of in accordance Do not incinerate or mut	Dispose of in accordance with applicable local, state and federal regulations. Do not incinerate or mutilate; Do not short-circuit may cause burns.						
NOTE: Dispose of all wastes in accordance with federal, state and local regulations.							
VIII. SPECI	AL HANDLING INFOR	MATIO	N				
Ventilation and engineering controls	_	Protect against cracking of case material. Adhere to proper charging procedure.					
Respiratory protection (type):		HIOSH/MSHA approves self-contained breathing apparatus (if burned).					
Eye protection (type):	Chemical goggles if	Chemical goggles if cell is broken open.					
Gloves (specify material):	Neoprene or PVC if o	Neoprene or PVC if cell is broken open.					
Other clothing and equipment:	NA	NA					
Work practices, hygienic practices:	NA	NA					
Other handling/storage requirements	s:NA						
Protective measures during mainten	ance of contaminated equip	ment:	Do not break open battery cell.				