ITEM'S 13-248 THRU 13-252



PRODUCT SAFETY DATA SHEET

BATTERY PRODUCTS DIVISION - UNION CARBIDE CORPORATION

Product Name_	Hercules Battery	H122, E92,	HS91, Type No. HS93, HS95 Volts 1.5
Trade Name	inergizer (9 VOLTS)	. Approximate Weight 63 grams
	Alkaline Manga	nese Dioxide/	Designed for Recharge Yes No
		Zinc	

I TOXIC, CAUSTIC, OR IRRITANT CONTENT

IMPORTANT NOTE: THE BATTERY CONTAINER SHOULD NOT BE OPENED OR INCINERATED SINCE THE FOLLOWING INGREDIENTS CONTAINED WITHIN COULD BE HARMFUL UNDER SOME CIRCUMSTANCES IF EXPOSED.

	MATERIALS	APPROXIMATE PERCENT OF TOTAL WEIGHT
1.	Potassium Hydroxide (KOH) - Approximate concentration of aqueous solution = 30-42%.	2-6
2.	Mercury (Hg).	0.3-0.8
	IN CASE OF ACCIDENTAL INGESTION OF A CELL OR ITS CONTENTS, OBTAIN PROMPT MEDICAL ADVICE.	

II STORAGE AND DISPOSAL TIPS

STORAGE

Store in a cool place but prevent condensation on cells or batteries. Elevated temperatures can result in a shortened battery life. Proper stacking of battery cartons is no more than four layers high on a pallet and no more than three pallets high.

In case of fire in an adjacent area, it is permissible to use any class of extinguising medium on these batteries or their packing material.

DISPOSAL

<u>DO NOT INCINCERATE</u> or subject cells to temperatures in excess of 100°C. Such a treatment can vaporize the liquid electrolyte and cause cell explosion.

Bury in landfill in accordance with appropriate Federal, state and local regulations.

EMERGENCY TELEPHONE-24 HOURS DAILY INCLUDING HOLIDAYS (304) 744-3487

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III HANDLING AND USE PRECAUTIONS

MECHANICAL CONTAINMENT DO NOT SEAL THESE BATTERIES IN AIRTIGHT OR WATERTIGHT CONTAINERS OR COMPARTMENTS. Batteries normally evolve hydrogen which, when combined th oxygen from the air, can provide a combustible or explosive moisture unless vented.

nort circuits, high temperatures or static sparks could then cause an explosion.

Full encapsulation (potting) of these batteries will prevent proper operation of safety vent if internal pressure exceeds design limit, resulting in explosion.

SHORT CIRCUIT

Accidental short circuit for a few second will not seriously harm this battery. However, avoid prolonged short circuit since the battery will lose energy and, at high temperatures, can even explode. The high battery temperation tures achievable under continuous short circuit can also be a source of skin burns. Metal covered tables or belts used for assembly of batteries into devices can be the source of short circuits - apply insulating material to assembly work surface.

CHARGING

This battery is manufactured in a charged state. It is not designed for recharging. To do so may cause battery leakage or, in some cases, cell explosion.

LABELING

If the normal EVEREADY label or package warnings are not visible, it is important to provide a package or device label stating:

BATTERY MAY EXPLODE OR LEAK IF RECHARGED OR DISPOSED OF IN FIRE. WARNI NG:

When accidental ingestion of small cells is considered possible, include the label warning (or equivalent): "KEEP AWAY FROM YOUNG CHILDREN. IF ACCIDENTALLY INGESTED SEE PHYSICIAN PROMPTLY"

OTHER

If soldering or welding to the terminal or case of the battery is required, consult your Battery Products Division Representative for proper precautions to prevent seal damage or internal short circuits.

FOR HELPFUL HINTS IN PRODUCT DESIGN AND USE OF EVEREADY BATTERIES REFER TO DESIGN HINTS BROCHURE NO. F5358

Pi ared By	
Date 1-2-8	4

Supercedes Data Sheet Dated 1-1-82



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