



Battery Regulation

DID YOU KNOW that Effective January 1, 2010, the DOT began regulation of shipments of all batteries other than 1.5 and 9 volt alkaline batteries and 6 volt carbon zinc batteries. These batteries are typically used in portable power applications and are not covered under other shipping names.

Batteries now covered under the new requirements must be assigned the shipping name: Batteries, dry, sealed, n.o.s unless they have a specific shipping name. The following table indicates the proper shipping name for common battery types.

Battery Shipping Names	
NiCad	Batteries Dry, Containing Potassium Hydroxide Solid, 8, UN3028, PGIII (Nickel Cadmium Batteries)
NiMH	Battery, Dry, Sealed, N.O.S. Universal Waste (Nickel Metal Hydride)
Lithium	Lithium Battery, 9, UN 3090, PGII (Universal Waste)
Alkaline	Battery Dry Non-Regulated (Alkaline Batteries)
Silver Oxide	Battery, Dry, Sealed, N.O.S. Universal Waste (Silver Oxide)
Lead Acid (wet)	Batteries, Wet, Filled with Acid 8, UN2794, PG III (Universal Waste)
Lead Acid (Gel cell)	Batteries, Wet, Non-Spillable 8, UN2800, PG III (Universal Waste)

Packaging must prevent dangerous evolutions of heat or short circuits and can be accomplished by packaging each battery or device individually in a non-conductive material; separating batteries in a

manner to prevent contact with other batteries; or ensuring exposed terminals or connectors are protected by non-conductive caps or non-conductive tape. If the outer packaging is not completely impact resistant, the batteries should be securely cushioned and packed to prevent shifting which could loosen terminal caps or reorient the terminals to prevent short circuits; and batteries contained in devices must be securely installed and terminals must be protected

Midwest Environmental Services, Inc. accepts all types of batteries for recycling through our Universal Waste Program. Additional information on this program can be found at the following link:

<http://www.midwestenvironmentalservices.com/universal.htm>

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