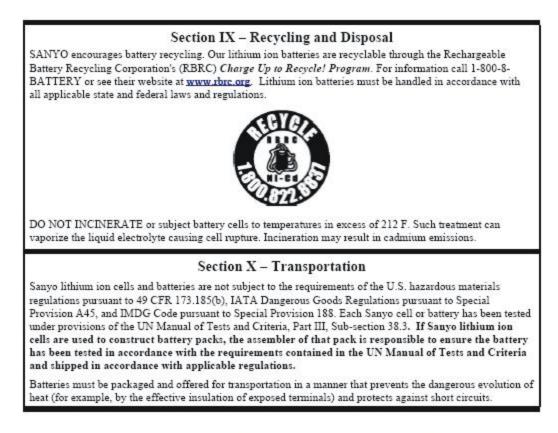


Sanyo

Section I – Product Information Product: Lithium Ion Battery Chemical System: Lithium ion Model: Cylindrical and Prismatic Type Section II – Composition / Information on Ingredients The ingredients are contained in a hermetically sealed case, designed to withstand temperatures and pressures encountered during normal use. As a result, during normal use, hazardous materia are fully contained inside the battery. The battery should not be opened or exposed to heat
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are fully contained inside the battery. The battery should not be opened or exposed to heat
because exposure to the following ingredients contained within could be harmful under
some circumstances. The following information is provided for the user's information only.
Chemical Name CAS No. PEL TL.V
Lithium Cobaltate (LICoO.) 12190-79-3 None Established None Establish
Graphite (C) 7782-42-5 2.5 mg/m ³ 2.5 mg/m ³
(as dust) (as dust)
Organic Solvent None Established None Established
Lithium Salt None Established None Established
Lithium Salt None Established None Established Polyvynilidene difluoride (PVdF) 24937-79-9 None Established None Established
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Lithium Sait None Established None Established Polyvynilidene difluoride (PVdF) 24937-79-9 None Established None Established Weight of lithium per cell: 0g. There is no metallic lithium in the lithium ion battery. Section III – Physical Data Specific Gravity: (H20=1): LiCo02: 4.95 Appearance and Odor:
Lithium Salt None Established None Established Polyvynilidene difluoride (PVdF) 24937-79-9 None Established None Established Weight of lithium per cell: 0g. There is no metallic lithium in the lithium ion battery. Section III – Physical Data Specific Gravity: (H20=1): LiCo02: 4.95 Graphite: 2.09~2.2 Appearance and Odor: LiCo02 is a black, odorless powder.
Lithium Salt None Established None Established Polyvynilidene difluoride (PVdF) 24937-79-9 None Established None Established Weight of lithium per cell: 0g. There is no metallic lithium in the lithium ion battery. Section III – Physical Data Specific Gravity: (H20=1): LiCo02: 4.95 Appearance and Odor:

Date of Last Revision: March 2006 Page 1 of 3

	IV – Fire and Explosion H	azard Data
Extinguishing Media: Water		
Flammable Limits: Not available	§	
S	Section V – Health Hazard	Data
Routes of Entry:		
Inhalation - Yes		
Skin - Yes Ingestion - Yes		
ingestion - Tes		
electrically abused. The most likely	a sealed can. Risk of exposure occurs y risk is an acute exposure when the	only if the battery is mechanically or gas release vent works. Organic solvent ag to skin, eyes and mucous membranes
Carcinogenicity: NTP: None	IARC Monograph: None	OSHA Regulated: None
Medical Conditions Generally A any medical condition.	ggravated by Exposure: An acute e	exposure will not generally aggravate
Stability: Stable Conditions to Avoid: Do not heat Hazardous Decomposition or By Hazardous polymerization will not	-products: N/A	
Sec	ction VII – Safe Handling a	nd Use
	vapors to dissipate. Avoid skin and	erred response is to leave the area and eye contact or inhalation of vapors.
Waste Disposal Method: Open c	ells should be disposed of in accorda	nce with local regulations
	Iling and Seculary Associationshamin	al or electrical abuse. Batteries may
or install with incorrect polarity.	ning and storing: Avoid mechanic nbled, crushed or exposed to fire or h	nigh temperatures. Do not short
or install with incorrect polarity.		
or install with incorrect polarity.	nbled, crushed or exposed to fire or l	ures
or install with incorrect polarity. Respiratory Protection (Specify Ventilation: Not necessary under	nbled, crushed or exposed to fire or l Section VIII Control Meas Type): Not necessary under conditio conditions of normal use.	ures
or install with incorrect polarity. Respiratory Protection (Specify Ventilation: Not necessary under Protective Gloves: Not necessary	nbled, crushed or exposed to fire or l Section VIII Control Meas Type): Not necessary under condition conditions of normal use. under conditions of normal use.	ures
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The information and recommendations set forth are made in good faith and believed to be accurate as of the date of preparation. SANYO ENERGY CORP. makes no warranty, expressed or implied, with respect to this information and disclaims all liabilities from reliance on it.

Date of Last Revision: March 2006 Page 3 of 3

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