Chemical product and company identification

Name of Product : Manganese dioxide lithium battery
Name of Company : Panasonic Corporation
Address : 1-1 Matsushita-cho, Moriguchi-city, Osaka, 570-8511, Japan
Emergency Contact : +81-6-6994-4560 (Working hours)
+81-6-6991-1141 (Holiday)

2 Hazards identification

GHS Classification : Not applicable
Toxicity : Vapor generated from burning batteries, may irritate eyes, skin and throat.
Hazard : Electrolyte and lithium metal are inflammable.
Risk of explosion by fire if batteries are disposed in fire or heated above 100 degrees C.
Stacking or jumbling batteries may cause external short circuits, heat generation, fire or explosion.

3 Composition/information of ingredients

Component	Material	CAS No.	Content (%)
Positive electrode	Manganese dioxide	1313-13-9	25 - 47
Negative electrode	Lithium metal	7439-93-2	2 - 5
Electrolyte	1,2-dimethoxyethane	110-71-4	3 - 7
	Organic electrolyte	-	5 - 17
Others (Steel or Plastic parts)	Steel	7439-89-6, 7440-47-3	25 - 50
	Polypropylene	9003-07-0	3 - 15

Lithium content per cell

Model Number	Lithium content(g)	Model Number	Lithium content(g)	Model Number	Lithium content(g)	Model Number	Lithium content(g)
CR2	0.33	CR123A	0.6	CR-AAK	0.6	CR-AG	0.8
CR2U	0.33	CR-2/3AZ	0.6	CR-AAU	0.6	CR-AGZ	0.9
CR2Z	0.33						