

AR35-05 Irminger Sea 6 – HazMat

Battery HazMat

Chemical	Location	Type	Amount	Qty	Response
Lithium	Flashers/beacons	CR-123A	3.85 gm	11	ventilation, type D extinguisher
Lithium	CTD SBE-37	LS 14500	8.4 gm	50	ventilation, type D extinguisher
Lithium	CTD SBE-16plusV2	BR-2/3A	1.2 gm	6	ventilation, type D extinguisher
Lithium	FLBB-SB	Li/MnO2	8.1 gm	4	ventilation, type D extinguisher
Lithium	Controller	CSC93DD	267.8	6	ventilation, type D extinguisher
Lithium	Acoustic Modem	CSC93DD	144.2 gm	3	ventilation, type D extinguisher
Lithium	MMP	CSC93DD	370.8 gm	1	ventilation, type D extinguisher
Lithium	Glider	Li-SOCl2	803 gm	4	ventilation, type D extinguisher

Chemical HazMat

Chemical	Formula	Quantity	Conc.	Spill response
Hydrochloric Acid	HCl	1 liter	25%	ventilate & absorb
Manganese Chloride	MnCl ₂	3 liter	60%	dilute & absorb
Mercuric Chloride	HgCl ₂	110 ml	99%	absorb
Methanol	CH ₃ OH	8 oz.	99%	ventilate & absorb
Potassium Iodate	KIO ₃	7 liters	<1%	absorb
Sodium hydroxide	NaOH	2 liters	8M	ventilate, sweep & contain
Sodium Iodide	NaI	3 liter	60%	absorb
Sodium Thiosulfate	Na ₂ S ₂ O ₃	15 g	100%	sweep & contain
Sodium Thiosulfate	Na ₂ S ₂ O ₃	4 liters	<1%	dilute & absorb
Sulfuric Acid	H ₂ SO ₄	3 liter	28%	dilute & absorb

Compressed Gases

Chemical	Formula	Quantity	Conc.	Spill response
Helium, compressed gas	He	73 Cu. ft.	99%	ventilate
Hydrogen, compressed gas	H ₂	2 Cu. ft.	2% (50% LEL)	ventilate
Nitrogen, compressed gas	N ₂	80 Cu. ft.	99%	ventilate