Recovered Hydrazine Family Fuel Analysis Parameters

COMPOSITION	METHYL HYDRAZINE SOLUTION (MS)	HYDRAZINE SOLUTION (HS)	FUEL WASTE (FW)
SPECIFICATION:	KSC-SPEC-P-0017 all grades		
MMH	65% by wt (min)	N/A	Report
N_2H_4	1.0% by wt (max)	65% by wt (min)	Report
UDMH	.02% by wt (max)	N/A	Report
Total N_2H_4, MMH, UDM and IPA	N/A	0.02% by wt (max)	N/A
IPA	0.02% by wt (max)	N/A	Report
Water	35% by wt (max)	35% by wt (max)	Report
Particulate	10 mg/l (max)	10 mg/l (max)	Report
Density (kg/l)	Report	Report	Report

NOTE: There are no JBOSC filtration requirements for fuel solutions or wastes.

Usage & Other Data: Fuel solutions are returned to the manufacturer for reprocessing to original purity hydrazine or MMH. Solutions are retrieved in KSC/CCAFS DOT4BW cylinders and consolidated into other cylinders or a KSC/CCAFS 500 gallon GPTU for recycling. Fuel wastes are disposed of in accordance with EPA regulations.

Shipping & Marking Information: Since this covers solutions and fuel blends, the proper shipping name can vary greatly depending on the particular “batch” in question. Generally speaking, a recyclable solution would be marked like hydrazine or MMH with the addition of “solution” to the proper shipping name. Waste Fuel blends would be marked like Aerozine-50 since, it too, is a hydrazine - family fuel blend and require additional descriptions in the proper shipping name. Consult your DOT-regulations and experts for guidance.

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