



STS-2000™

Liquid Anti/De-icer

			<i>Reported</i>
Environmental Properties	3.1.1		
BOD5 at 20 deg C (kg O2/kg fluid)	3.1.1.1.1	Informational	0.23
TOD5 (kg O2/kg fluid)	3.1.1.1.2	Informational	0.35
Daphnid Acute Toxicity, LC50	3.1.1.2	Informational	3,250
Fish Acute Toxicity, LC50	3.1.1.2	Informational	3,425
Trace Contaminants, aggregate	3.1.1.3	Informational	< 0.01%
Appearance Homogeneous	3.1.2	Informational	Blue/Conforms
Physical Properties	3.2		
Flash Point	3.2.1	>100° C	Conforms
Specific Gravity @ 60/60 deg F	3.2.2	Informational	1.283
PH	3.2.3	Informational	9.7 (±.50)
Freezing Point	3.2.4.1	< -16° C	-60° C
Freeze point using 1:1 Dilution of H2O	3.2.4.2		-17° C (+1.4° F)
Sandwich Corrosion Test	3.2.5.1		
2024-T3 BARE ANODIZED		1	1
2024-T3 ALCLAD		1	1
7075-T6 BARE ANODIZED		1	1
7075-T6 Alclad		1	1
Total Immersion	3.2.5.2		
AMS 4037 Anodized		<0.3	0.01
AMS 4041 AL Alloy		<0.3	0.01
AMS 4049 AL Alloy		<0.3	0.01
AMS 4376, dichromate per AMS 2475		<0.2	0.11
AMS 4911		<0.1	0.01
AMS 5045		<0.8	0.01
Low Embrittling Cadmium Plate	3.2.5.3	<0.3	0.02
Hydrogen Embrittlement	3.2.5.4	P/F	Conforms
Stress-Corrosion, AMS 4911	3.2.5.5	P/F	Conforms
Stress-Corrosion, AMS 4916	3.2.5.5.1	Informational	Conforms
Acrylic Plastic	3.2.6.1	P/F	Conforms
Polycarbonate Plastic	3.2.6.2	P/F	Conforms
Painted Surfaces	3.2.7	P/F	Conforms

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Rinsibility	3.2.9	P/F	Conforms
Scale Resistance @ 25% Concentration	3.2.10	Max Rating 1	Conforms
Storage Stability, ASTM F 1105	3.2.11	P/F	Conforms

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