

## AEROSHELL COMPOUND 07

AeroShell Compound 07 is a de-icing fluid composed of ethylene glycol, isopropyl alcohol and distilled water.

Specification DTD.406B requires the product to have the following approximate composition:

Ethenediol (BS.2537) 85% volume

Isopropanol (BS.1595) 5% volume

Distilled water 10% volume

### APPLICATIONS

AeroShell Compound 07 is used for in-flight de-icing of windscreens, propellers, wings, tailplanes, etc. on suitably equipped aircraft.

AeroShell Compound 07 is also recommended for removing hoar frost and light snow/ice from parked aircraft. AeroShell Compound 07 can be sprayed undiluted or mixed with up to 50% volume of water, depending upon the severity of the icing conditions, the efficiency of the spraying technique and whether it is applied hot or cold.

### SPECIFICATIONS

<b>U.S.</b>	–
<b>British</b>	Approved DTD.406B
<b>French</b>	–
<b>Russian</b>	–
<b>NATO Code</b>	S-745
<b>Joint Service Designation</b>	AL-5

PROPERTIES	DTD.406B	TYPICAL
Flashpoint, Cleveland Open Cup °C	–	54.4
Kinematic viscosity @ 20°C mm <sup>2</sup> /s	11.0 to 13.0	11.4
Cold Test @ –40°C	No Deposition	Complies
pH value	6.0 to 7.5	6.9
Conductivity, micromho/cm	5.0 max	0.5
Density @ 15°C kg/l	1.092 to 1.097	1.094
Miscibility with water @ 15°C	Must pass	Passes