



DE-ICER (IPA)

Automotive Anti-icing Fluid Technical Information

DI-80 is a powerful blend of glycols and alcohol supplied in a handy aerosol propelled with environmentally acceptable propellant.

The fluid effectively removes ice and frost deposits from glass and metallic surfaces and prevents refreezing of the melt fluid.

Primary features attributable to DI-80 de-icer are:

- Effective remover of ice and frost;
- Resists re-freezing;
- Effective to below -15 °C;
- Cost effective utilisation.

Applications

DI-80 de-icer is designed for defrosting and clearing automobile windows, etc. in winter conditions.

DI-80 de-icer can be safely used to free up frozen door locks, hinges and mechanisms.

Compatibility

De-Icer is a mix of alcohol and glycol and is safe to use on all materials normally encountered in automotive manufacture. It will however attack susceptible plastic materials.

Safer
Solutions
For Industry

Health and Safety

DI-80 de-icer is flammable but poses no significant health hazard when properly used in the application it was designed for.

Users should avoid contact with skin and eyes and should not breathe vapours.

See Safety Data Sheet for details.

Typical Properties

Appearance	Colourless liquid
Odour	Alcohol odour
Density, g/cm ³ @ 20 °C	0.90
Vapour pressure, at 20 °C	4.16
Solubility in water	Completely miscible
Melting Point °C	-88
Boiling Point °C	82
Flash Point (Abel closed cup)	None (Bulk product) < -40 °C (aerosol propellant)
Autoignition Temperature, °C	399

Storage life in original, unopened containers, stored upright, at between 0 °C and 35 °C (32° to 95 °F), is not less than 24 months.

Directions for Use

Application:

DI-80 de-icer is used as supplied.

Remove any loose snow, etc.

Apply DI-80 directly to affected surfaces by spraying from a distance of between 10 to 15cm.

Allow the de-icer to work for a few seconds.

Any stubborn ice deposits should be agitated using an ice scraper or stiff bristle brush to obtain best results.

On badly affected surfaces it may be necessary to repeat process to obtain satisfactory results. Scrape off de-icer debris prior to re-application.

Finally after ice has cleared, apply a further light application of DI-80 to help prevent re-freezing.

NOTE:

DI-80 will remove oils and grease lubricants. It is therefore recommended that after any use for the un-freezing of mechanisms such as locks, hinges, etc. these items are re-lubricated at the earliest opportunity using appropriate grease/oil products as recommended by the mechanism/automotive manufacturer, to prevent future potential problems due to seizure and/or rusting/corrosion.

CONTACT DETAILS:

For UK and Rest of the World:

Amity International,
Libra House, West Street
Worsbrough Dale,
BARNSELEY
S YORKS, S70 5PG,
ENGLAND

Tel: +44 (0) 1226 770787
Fax: +44 (0) 1226 770757

E-mail: sales@amityinternational.com
Web site: www.amityinternational.com

For any further information, please contact your distributor or Amity.

In the event of any technical queries, please contact:
Mr. Ram Singh at the UK/ROW address, above, or by e-mail to:

rsingh@amityinternational.com

For North America:

Amity International,
PO Box 5254,
1704 Denver Road,
ANDERSON,
SOUTH CAROLINA,
SC29623, USA.

Tel: 864 622 2233
Fax: 864 622 2234

Packaging Details:

DI-80 is available in:

- 400 ml aerosols.