

THIRD RAIL ANTI-ICING FLUID

C456

Anti-icing product for third rail applications



THIRD RAIL ANTI-ICING FLUID has been developed to prevent ice build-up on third rails and to allow residual ice to easily shear from the surface of the rail. Additionally, Third Rail Anti-Icing Fluid will aid the melting of ice already present on the rail.



Advantages

- ▲ Reduces the adhesion of ice to third rail allowing it to shear easily from the surface maintaining good electrical contact.
- ▲ Melts ice already present on the rail aiding the cleaning process for post treatment where snow and ice has already formed.
- ▲ Flashpoint of $>100^{\circ}\text{C}$ allows the product to be preheated prior to application.
- ▲ Offers protection against wash off in periods of prolonged changeable weather conditions.
- ▲ Product is not classified as hazardous for GHS regulation or transport, so is safe to transport, handle and use.
- ▲ Biodegradable.
- ▲ Contains lubrication to reduce the wear of conductor shoes.
- ▲ Application rates of as low as 3 litres per minute are possible whereas other products require 6 litres per minute.

Typical applications

- ▲ Counter the build-up of ice on the third rail
- ▲ Apply prior to weather event as a preventative measure
- ▲ Apply after a weather event to clear snow and ice build up

Application instructions

Product can be preheated if necessary.

Apply to third rail via suitable MPV, GLV, anti-icer applicator, or back pack sprayer.

Note: Do not mix with other anti-icing products.



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Technical data

APPEARANCE	Viscous colourless liquid
ODOUR	Mild
SOLUBILITY	Partially soluble in water
FLASH POINT	>100°C
COMMODITY CODE	38200000
PACK SIZE	1,000 litre IBC

Accreditations & registrations

Network Rail Certificate of Acceptance PA 05/04978

Health and safety, storage and precautions

Refer to Safety Data Sheet (available on request)

View related products



Universal De-icer

General purpose liquid de-icer for rail industry.



Thaw Granules

Modern, clean, ice and snow defrost granule.



Train Winter Grade Screen Wash

Train windscreen wash for use in freezing conditions.



Antifreeze

Ethylene glycol-based coolant.



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