



VpCI ADDITIVES FOR COATINGS, FLUIDS, ADHESIVES AND PLASTICS

M-605 /M-605 L /M-605 PS

PRODUCT DESCRIPTION

M-605, M-605 L, and M-605 PS are corrosion inhibitors designed specifically as the additive to prevent corrosion due to chlorides.

M-605, M-605 L, and M-605 PS can also be used in closed loop cooling systems containing brine solutions.

M-605, M-605 L, and M-605 PS provide protection to ferrous and aluminum-based alloys.

M-605, M-605 L, and M-605 PS are non-toxic, environmentally friendly and contains no chromate, nitrite or phosphate inhibitors.

They all conform to Pacific North West States (PNS), Department of Transportation, requirements to additives for deicers and pass their corrosion tests when added to deicer at concentration level of 5% by weight.

FEATURES

- Non-toxic, nitrite-, chromate- and phosphate-free
- Environmentally friendly
- Low dosage
- Easy to apply
- Multimetal protection

TYPICAL APPLICATIONS

M-605 is the powder and designed to suppress corrosion caused by **NaCl** based deicer.

M-605 L is an additive to deicer in liquid form and especially effective when added to **MgCl₂** based deicer.

M-605 PS is a powder and effective in **CaCl₂** based deicer.

Protective concentration

- as a deicing salt additive 4-5% by weight
- as an inhibitor to brines in closed loop cooling system (3000-5000 ppm / 0.3-0.5 % weight)

PACKAGING/STORAGE

M-605 L is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, liquid totes and bulk.

M-605 and M-605 PS are available in 100 pound (45 kg) and 50 pound (23 kg) lined drums and 5 pound (2.3 kg) boxes.

M-605, M-605 L, and M-605 PS should be stored in sealed containers. Under those conditions, shelf life is 24 months.

TYPICAL PROPERTIES

	M-605	M-605 L	M-605 PS
Appearance	White to off-white powder	Amber liquid	White to off-white powder
Non-volatile content	97-100%	35-45%	97-100%
PH	11.8-12.8 (1% solution)	10-11 (1% solution)	9-10.5 (1% solution)
Density	N.A.	8.7-8.8 lb/gal (1.04-1.05 kg/l)	N.A.

FOR INDUSTRIAL USE ONLY
KEEP OUT OF REACH OF CHILDREN
KEEP CONTAINER TIGHTLY CLOSED
NOT FOR INTERNAL CONSUMPTION
CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

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4119 White Bear Parkway, St. Paul, MN 55110 USA
Phone (651) 429-1100, Fax (651) 429-1122
Toll Free (800) 4-CORTEC, E-mail info@cortecvi.com
Internet <http://www.CortecVpCI.com>

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OTiK Sp. z o.o.

ul. Hutnicza 4
81-061 Gdynia
tel.: 58 6230498
fax: 58 6230496

otik@use.pl

www.inhibitory.use.pl



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