



CORROSION INHIBITING ADDITIVES

M-605 M-605 L M-605 PS*



*M-605 PS is a USDA certified Biobased product

PRODUCT DESCRIPTION

M-605, M-605 L, and M-605 PS are corrosion inhibitors designed specifically as additives 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 provides protection to ferrous and aluminum-based alloys.

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

These products conform to Pacific NorthWest States (PNS), Department of Transportation requirements to additives for deicers and pass their corrosion tests when added to a 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 a powder designed to suppress corrosion caused by **NaCl** based deicer.
- M-605 L is a liquid additive for deicer fluids and is especially effective when added to a **MgCl₂** based deicer product.
- 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 systems, (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; providing a shelf life of 24 months.

TYPICAL PROPERTIES

	M-605	M-605 L	M-605 PS
Appearance	White to off-white powder	Amber Liquid	White to crystalline powder
Non-volatile content	97-100%	35-40%	99.5-100%
pH	11.8-12.8 (1% solution)	10-11 (1% solution)	6.8-7.5 (10% water)
Density	n.a.	8.6-9.0 lb/gal (1.03-1.08 kg/l)	n.a.

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

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