

CWPMF Cold Weather Preventive Maintenance Flush

Cold-weather cooling-system flush

Controlled safety source: SDS_CWPMF.pdf, SDS UC-010, revision January 20, 2026. This TDS does not replace the current Safety Data Sheet.

PRODUCT OVERVIEW

CWPMF is a cooling-system flush formulated for cold-weather use when selected by an approved diagnostic recommendation. It dissolves buildup in cooling systems. This sheet provides the controlled dilution and SDS-based handling information; it does not select or reproduce a complete flush procedure.

Recommended use	Dissolves buildup in cooling systems	Physical state	Liquid
Appearance / odor	Clear liquid / pleasant odor	pH	8.5-9.5
Water solubility	Completely soluble	Boiling point	100 C / 212 F
Flash point	Non-flammable	Transport	Not regulated
Hazard classification	Not classified as a hazardous substance or mixture	NFPA	1-0-0

APPROVED DILUTION

Thoroughly mix 1:1 - one part CWPMF to one part 50/50 coolant mix.

- Dilution notation is product:coolant mixture.
- Example: 5 gallons CWPMF plus 5 gallons 50/50 coolant mix produces 10 gallons of working solution.
- Example: 25 gallons CWPMF plus 25 gallons 50/50 coolant mix produces 50 gallons of working solution.
- Thoroughly mix before filling the cooling system.
- Use only the approved 50/50 coolant mixture for dilution. Do not substitute plain water.

SHIPPING, PACKAGE AND LOGISTICS

Variant	Physical Package	SKU	Gross Weight	Dimensions	NMFC	Class
Standard	5 Gallon Bucket	CWPMF005	46.5 lb	10.25 x 10.25 x 14.75 in	48580	70
Standard	55 Gallon Drum	CWPMF055	504 lb	23.5 x 23.5 x 35 in	48580	70
Standard	250 Gallon Tote	CWPMF250	2350 lb	40 x 47 x 46 in	48580	70

Provisional CWPMF500 and CWPMF750 tote variants are excluded from this controlled TDS pending concentration-specific packaged-weight and final-SKU verification. NMFC 48580 / Class 70 remains subject to current NMFTA ClassIT+ confirmation.

NFPA 704



Health	1	Slight health hazard
Flammability	0	Non-flammable
Instability	0	Stable under normal conditions
Special	-	Not determined

GHS HAZARD COMMUNICATION

No GHS pictogram required
Current SDS: not classified as a hazardous substance or mixture.
Signal word: none.
Hazard statements: none.

SAFE HANDLING AND REQUIRED PPE

- Normal chemical-handling controls apply even though the current SDS does not classify CWPMF as hazardous.
- Wear safety glasses. Use goggles where splashing may occur.
- Use suitable gloves and protective clothing based on handling volume and splash potential.
- Avoid eye contact, prolonged skin contact and breathing vapor or mist.
- Ensure adequate ventilation, especially in enclosed areas.
- Provide eyewash stations and emergency showers near the work area.
- High concentrations on floors may be slippery. Contain and clean spills promptly.
- Protect from freezing. If frozen, thaw completely before use.
- Do not mix with acids, bleach, ammonia, oxidizing agents or unknown chemicals.

STORAGE AND COMPATIBILITY

- Keep container tightly closed in a cool, dry and well-ventilated place.
- Store locked up and keep out of reach of children.
- Protect from freezing; thaw completely before use if frozen.
- Store away from incompatible materials.
- Section 7 lists acids, bleach and ammonia as incompatible; Section 10 lists oxidizing agents.

FIRST AID FROM CURRENT SDS

Exposure	Current SDS direction
Eyes	Immediately flush with plenty of water. After initial flushing, remove contact lenses and continue flushing for at least 15 minutes.
Skin	Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.
Inhalation	Remove to fresh air.
Ingestion	Induce vomiting. Drink a large quantity of milk. Immediately call a poison center or doctor/physician.

Emergency contact: INFOTRAC 1-800-535-5053 North America; 1-352-323-3500 International.

SPILL, FIRE AND ENVIRONMENTAL HANDLING

- Prevent further leakage or spillage if safe to do so.
- Soak up with inert absorbent material and transfer to properly labeled containers.
- Clean up in accordance with applicable regulations.
- Use extinguishing methods appropriate to surrounding conditions. Water may be used to cool containers exposed to fire.
- Overheated drums may rupture because of steam.
- The product is not classified as environmentally hazardous, but large or frequent spills may still be harmful.
- The SDS states the product is readily biodegradable.

TRANSPORTATION AND REGULATORY PROFILE

Mode / Field	Controlled value
DOT	NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIALS
IATA	NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIALS
IMDG	NOT REGULATED AS DANGEROUS GOODS OR HAZARDOUS MATERIALS
CERCLA RQ	No reportable quantity identified in the current SDS
California Proposition 65	Current SDS states this product does not contain Proposition 65 chemicals.

OPERATING RESTRICTIONS

- Thoroughly mix 1:1 - one part CWPMF to one part 50/50 coolant mix.
- Do not substitute plain water for the approved 50/50 coolant mix.
- This TDS does not authorize or reproduce a standalone or combination flush procedure.
- Use only the procedure selected for the diagnosed cooling-system condition.
- Review the current product SDS before handling or use.
- Do not mix with another product unless an approved published procedure specifically requires the combination.

DOCUMENT CONTROL

Product	CWPMF Cold Weather Preventive Maintenance Flush
Product code	CWPMF
Safety source	SDS_CWPMF.pdf SDS UC-010 revision January 20, 2026 Version 1
Operational source	CWPMF_TDS.PDF Revision 1, August 4, 2026
Shipping source	2026 Ultimate Chemicals Product Shipping Specs Matrix.xlsx
NFPA asset	NFPA_1-0-0.svg
GHS	Text-only hazard communication; no pictogram required by current SDS
Header artwork	Approved Ultimate Chemicals logo upper left; approved glow fallback upper right
Program/footer artwork	Approved glow logo. CWPMF is not on the controlled Zero Hour badge list.

QUICK ACCESS

Scan the QR code or select the printed URL. Each printed URL is embedded as a clickable PDF hyperlink.

PRODUCT PAGE



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TDS



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