



MATERIAL SAFETY DATA SHEET

**SUBJECT : UPS F. 712
Radiator Coolant**

Manufactures by : WESTERS INDUSTRIES, PT
Jl. Industri Selatan 10 Blok EE No. 11B Jababeka
industrial District **Cikarang – Indonesia**
Emergency call : [6221-89841382](tel:6221-89841382)
Website : www.westers-ind.com
Email : info@westers-ind.com

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UPS Chemicals urges each customer or recipient of this MSDS to study it carefully to understand and become aware of the hazards associated with the product. The reader should consider consulting reference work are experts in ventilation, toxicology and fire prevention as necessary or appropriate to use and understand the data contained in this MSDS.

To promote safe handling, each customer or recipient should :

1. Notify it's employees, agents, contractors and other who will use this information regarding hazard or safety.
2. Furnish the same information to each of its customers for the product, and
3. Request its customer to notify their employees, customers and end users of the product about this information.

I. PRODUCT IDENTIFICATION AND USE

Product Identifier: UPS F. 712 Radiator Coolant
Part Number(s): F. 712
Product Use: Radiator Coolant
Manufacturer: UPS Chemicals Products
Supplier: UPS Laboratories, Inc
Emergency Telephone Number: 1-800-234-8246

II. INGREDIENTS

	Weight % (Apr)
Diazotizing Salts	0 – 5
Ethylene Glycol	0 – 10
Surfactants	0 – 2
Inhibitor	0 – 2

III. PHYSICAL DATA

Specific Gravity (250°C): 1
% Volatile by volume : N
Evaporation Rate : Dark yellow
Vapor Density : 1
Odor : Odorless
Vapor Pressure : 1
Boiling Point (760 mm Hg) : >110°C
Freezing Points : N.A
Appearance : Red Aromatic
Solubility : Soluble

IV. FIRE AND EXPLOSION HAZARD DATA

Flash point : N.A
Extinguishing Media : N.A
Unusual fire and explosion : N.A
Flammability in air : N.A



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V. REACTIVITY AND STABILITY

Stability : Stable
Materials to avoid (Incompatibility) : N.A
Hazardous decomposition products : N.A
Conditions to avoid : temperature above 380° C

VI. TOXICITY AND FIRST AID

Inhalation : High vapor concentration may result in dizziness & headache etc. expose to fresh air.
Skin Contact : Warm skin Immediately with plenty of water and apply soap & flush with water until the efficiency subsided in case of severity contact a physician
Swallowing : May result in nausea, vomiting, breathing difficulties and weakness and also may result in kidney of the product
Medical condition aggravated by exposure : in case of over exposure seek medical by exposure attention immediately
Effects of acute toxicity : N .A
Eye Contact : Remove from the exposure Immediately & flush with plenty Of water for 15 minute until the irritation is subsided. In case Severity contact a physician.
Notes to physician : There is no specific antidote. Treatment of over exposure Should be directed at the control of symptoms and the clinic condition

VII. SPILL OR LEAK PROCEDURES

Step to be taken if material is spilled :

Wear suitable protective equipment. Small spills should be flushed with large quantities of water. Large spills should be collected for disposal.

VIII. SPECIAL PERSONAL PROTECTION

Ventilation : Local exhaust in adequate
Skin protection : Aprons, glove made of made of P.E or neoprene rubber
Eye protection : Safety glasses are recommended
Respiratory protection : Use air respirators, facial masks etc.
Other protection equipment : N.A

IX. SARA INFORMATION

This product contains the following chemicals that are subject to release reporting Under section 313 of SARA Title III