

# SAFETY DATA SHEET

Slate Industrial Products  
5915 Landerbrook Drive  
Mayfield Heights, OH 44124  
To Order Call: 1-866-747-2229

6935 Davand Drive  
Mississauga, Ontario L5T 1L5  
To Order Call: 1-800-668-6513

Royal Industrial Park, Bldg "M"  
Local #5, Carr 869, km 1.5 Palmas  
Cataño, P.R. 00962  
To Order Call: 787-275-3185



## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **F. 625 CLOSED LOOP TREATMENT**

24 Hour Emergency CHEMTREC Number: 800-424-9300

Product Description: A formulated concentrated closed loop cooling and heating treatment.

MSDS Number: M01253  
EPA Establishment Number: NA

EPA Registration Number: NA

## 2. HAZARDS IDENTIFICATION

### \*\*\*EMERGENCY OVERVIEW\*\*\*

FIFRA Hazard Classification:

Not Applicable

Skin corrosion/irritation: Category 1A, B, C

Acute toxicity; oral: Category 4

Skin corrosion/irritation: Category 2

Corrosive to metals: Category 1



Corrosive



Exclamation  
Mark

DANGER

Hazard Statements:

H314 Causes severe skin burns and eye damage. H302 Harmful if swallowed. H315\_3 Causes skin irritation. H290 May be corrosive to metals.

Precautionary Statements:

P261 Avoid breathing vapors. P270 Do not eat, drink or smoke when using this product. P234 Keep only in original container. P264 Wash hands thoroughly after handling. P280 Wear protective gloves, protective clothing, and eye protection.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>Weight</u>	<u>ACGIH</u>	<u>OSHA</u>
Potassium Hydroxide	1310-58-3	<3.0%	2 mg/m <sup>3</sup>	2 mg/m <sup>3</sup>
Sodium Nitrite	7632-00-0	<10%	NE	NE
Sodium Metaborate	10555-76-7	<17%	10 mg/m <sup>3</sup>	15 mg/m <sup>3</sup>
Sodium Tolytriazole	64665-57-2	<2.0%	NE	NE
Sodium Nitrate	7631-99-4	<3.0%	NE	NE
Acrylic Polymer	Acrylic Polymer (Proprietary)	<3.0%	NE	NE

The exact percentages have  
been withheld as a trade secret.

## 4. FIRST AID MEASURES

P390 Absorb spillage to prevent material damage. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. P302+P352 IF ON SKIN: Wash with plenty of soap and water. P332+P313 IF SKIN irritation occurs: Get medical attention. P301+P312 IF SWALLOWED: call a POISON CENTER or physician if you feel unwell. P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P362+P364 Take off contaminated clothing and wash before reuse.

## 5. FIRE FIGHTING MEASURES

Flashpoint(Method): >200°F [93°C]

Lower Explosive Limit(LEL): NA Upper Explosive Limit(UEL): NA Autoignition Temperature: NA

Flammable Properties: None Expected

Extinguishing Media: Carbon Dioxide, dry chemical, foam.

Fire Fighting Instructions: Wear a self-contained breathing apparatus with full protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

Ventilate area. Halt spill at source, dike and contain spill. Flush with plenty of water to drain. Dispose of in accordance with Federal, State and Local Regulations regarding waste disposal.

## 7. HANDLING AND STORAGE

P406 Store in corrosive resistant container with a resistant inner liner. P402 Store in dry place. P405 Store locked up.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use general or local ventilation to keep exposure levels below exposure limits.

Personal Protective Equipment:

Respiratory: Normal room ventilation is adequate. Use a NIOSH/MHSA approved respirator if exposure limits are exceeded.

Eye: Wear approved safety glasses or goggles with unperforated eyeshields where splashing may occur.  
Skin: For repeated or prolonged contact, wear chemically impervious gloves such as Nitrile.  
Other: An emergency eyewash station or source of clean potable water should be available in case of accidental eye contact.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, amber  
Physical State: Liquid.  
Solubility in Water: 100%  
Boiling Point: >212 °F(100°C)  
Freezing Point: NA  
Melting Point: NA

Odor: Mild.  
pH: 11.2 +/- 0.5 @ 1.4:100  
Diluted pH: NA  
Specific Gravity: 1.173 - 1.190  
VOC Content: 0%

#### 10. STABILITY AND REACTIVITY

Stability: Stable  
Hazardous Polymerization: Will not occur.  
Conditions to Avoid: Aluminum, leather, wool, tin and related alloys. Use through pressure washer or steam cleaner.  
Incompatibility: Strong acids or bases may deactivate.  
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide

#### 11. TOXICOLOGICAL INFORMATION

This product contains no ingredient at 0.1% or greater that is listed as a human carcinogen.

<u>Hazardous Ingredients</u>	<u>CAS Number</u>	<u>LD50</u>	<u>LC50</u>
Potassium Hydroxide	1310-58-3	365 mg/kg (oral rat)	179 mg/l/96 hr (flathead minnow)
Sodium Nitrite	7632-00-0	180 mg/kg (oral rat)	7,5 ppm/48 hr (mosquito fish)
Sodium Metaborate	10555-76-7	2330 mg/kg (oral rat)	133 B/l/48 hr (daphnia magna)
Sodium Tolytriazole	64665-57-2	NE	NE
Sodium Nitrate	7631-99-4	NE	NE
Acrylic Polymer	Acrylic Polymer (Proprietary)	NE	NE

#### 12. ECOLOGICAL INFORMATION

This product is toxic to fish.

#### 13. DISPOSAL CONSIDERATIONS

P501 Dispose of container in accordance with all Federal, State and Local Regulations regarding waste disposal.

#### 14. TRANSPORT INFORMATION

DOT Shipping Data: UN1760, CORROSIVE LIQUIDS, N.O.S. (Potassium-Hydroxide), 8, II  
Canadian TDG: UN1760, CORROSIVE LIQUIDS, N.O.S. (Potassium-Hydroxide), 8, II  
For International Shipments by Air: UN1760, CORROSIVE LIQUIDS, N.O.S. (Potassium-Hydroxide), 8, II  
For International Shipments by Vessel: UN1760, CORROSIVE LIQUIDS, N.O.S. (Potassium-Hydroxide), 8, II

#### 15. REGULATORY INFORMATION

TSCA: All ingredients in this product are listed or exempt from listing on the TSCA Chemical Inventory.  
CEPA: All ingredients in this product are listed or exempt from listing on the Canadian DSL/NDL.  
Proposition 65: This product can expose you to acrylamide which is known to the state of California to cause cancer and birth defects or other reproductive harm.  
For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)  
SARA 313: This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40CFR372): Sodium Nitrate CAS# 7632-00-0 < 2.0%  
VOC: 0%

HMIS RATING: HEALTH = 3 FLAMMABILITY = 0 REACTIVITY = 1 PPE = B

WHMIS RATING: See hazards identified in Section 2 above.

#### 16. OTHER INFORMATION

NA = Not Available or Not Applicable  
NE = Not Established

Read and follow all label directions and precautions before using the product. This product is intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF THE REACH OF CHILDREN. While we believe that the data contained herein is factual and the opinions expressed are those of qualified experts, the data are not to be taken as a warranty or representation for which the company assumes legal responsibility. They are offered solely for your consideration, investigation, and verification. Any use of these data and information must be determined by the user to be in accordance with applicable Federal, State, and Local Laws and regulations.

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