

MATERIAL SAFETY DATA SHEET

SECTION 1 CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name: Totaline Cooling Coil Treatment
Product Number(s): P902-1101, P902-1125, Special 16-oz bottle available only in HVAC TotalClean Kit P902-9901
Product Use: Cooling coil treatment that keeps coils clean
Company Name: North American Research Corporation
P.O. Box 1318
Lewisville, TX 75067
Telephone Numbers: (972) 492-1800, (800) 527-7520, Fax (972) 394-6755
Emergencies: Infotrac (800) 535-5053 (24 hours, everyday)

Date Prepared May 22, 2006
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SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

OSHA Hazardous Components (29 CFR 1910.1200):

	CAS Registry No.	OSHA PEL	ACGIH TLV	Other Limits	% (Optional)
No hazardous ingredients					

SECTION 3 HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

CAUTION: Avoid contact with eyes and skin.

POTENTIAL HEALTH EFFECTS

EYE CONTACT: Direct contact can cause slight irritation.

SKIN CONTACT: Frequent or prolonged contact may cause slight irritation.

INHALATION: Extreme conditions may cause headache, nausea, and irritation of nose, throat, and lungs, but is not expected to be an inhalation hazard during normal use.

INGESTION: May be irritating to the mouth, throat, and stomach.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

None known.

CARCINOGENICITY: NTP? No IARC Monographs? No OSHA Regulated? No

SECTION 4 FIRST-AID MEASURES

EYE CONTACT: Flush eyes with water. Consult a physician if irritation persists.

SKIN CONTACT: Wash contact area with soap and water. Get medical attention if irritation develops or persists.

INHALATION: Move person to fresh air.

INGESTION: If swallowed, DO NOT induce vomiting. Give large quantities of water. Get medical attention.

SECTION 5 FIRE-FIGHTING MEASURES

FLASHPOINT: Not flammable METHOD: Not applicable

FLAMMABLE LIMITS: LEL: Not applicable UEL: Not applicable

AUTOIGNITION TEMP: Not applicable

UNUSUAL HAZARDS: Dried product can burn.

FIRE EXTINGUISHING MEDIA:

Use any means suitable for extinguishing surrounding fire. Water spray may be used to keep fire-exposed containers cool.

PERSONAL PROTECTIVE EQUIPMENT:

As in any fire, wear full protective clothing and NIOSH approved, self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Product is very slippery on floor surfaces.

Small spills: Mop up or soak up with rags and flush with water.

In the event of major spillage: Use appropriate containment consistent with good industrial or environmental practice. Recover as much as possible. Pump, sweep or scrape up the remaining material and place in suitable clean containers for disposal by proper methods. Use a water rinse for final clean-up.

SECTION 7 STORAGE AND HANDLING

HANDLING:

For industrial use only. Avoid skin and eye contact. Wash thoroughly after handling, before eating or drinking, and before using the restroom.

STORAGE:

Store in closed, properly labeled, original containers. Do not remove or deface label. KEEP OUT OF REACH OF CHILDREN.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE CONTROLS:

No special ventilation requirements.

PERSONAL PROTECTION:

Wear safety glasses with side shields to avoid eye contact.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Blue, opaque liquid; bland odor.

SPECIFIC GRAVITY: 1.05

VAPOR PRESSURE: Not determined

VAPOR DENSITY: Not determined

SOLUBILITY IN WATER: Complete

pH: 7

BOILING POINT: 212°F (Approximate)

FREEZING / MELTING POINT: 32°F

EVAPORATION RATE (Butyl Acetate = 1): Not determined

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: Extreme temperatures

INCOMPATIBILITY (Materials to Avoid): Oxidizing materials

HAZARDOUS POLYMERIZATION: Will not occur

HAZARDOUS DECOMPOSITION PRODUCTS: None known

SECTION 11 TOXICOLOGICAL INFORMATION

No information available.

SECTION 12 ECOLOGICAL INFORMATION

No information available.

SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of container and unused contents in accordance with federal, state and local requirements.

SECTION 14 TRANSPORT INFORMATION

U.S. Department of Transportation:

Not regulated.

SECTION 15 REGULATORY INFORMATION

TSCA: All components of this product are listed on the TSCA inventory.

CERCLA: No reportable ingredients

SARA TITLE III:

Section 311/312 Hazard Category: Acute: No Chronic: No Fire: No Pressure: No Reactive Hazard: No

Section 313 Reportable Ingredients: None

SECTION 16 OTHER INFORMATION

NFPA RATING: Health – 0, Flammability – 0, Reactivity – 0

HMIS® RATING: Health – 0, Flammability – 0, Reactivity – 0

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