



MATERIAL SAFETY DATA SHEET

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 800-323-2594

1. PRODUCT AND COMPANY IDENTIFICATION

FOR MEDICAL AND TRANSPORTATION EMERGENCIES
 24 Hour INFOTRAC (US and CANADA): **800-535-5053**

PRODUCT NAME
 UNITED 524 ANTI-OVERFLOW CARTRIDGE

USE/DESCRIPTION
 Preventative Maintenance for Air Conditioning Condensate Drain System

REVISION DATE
 April 21, 2014

HMIS III HEALTH (0 = Maximum Safety) **1**

Always follow Label Directions and Cautions.

* Chronic **2** Moderate
4 Severe **1** Slight
3 Serious **0** Minimal
See Hazards Identification Section of this MSDS for more detailed information.

PHYSICAL HAZARD (0 = Maximum Safety) **1**

Susceptible to Release of Energy.

4 May detonate-vacate area if materials are exposed to fire. **2** Violent chemical change possible-use hose stream from distance
3 Strong shock of heat may detonate-use monitors from behind explosion resistant barriers. **1** Unstable if heated-use precaution.
0 Normally stable.

FLAMMABILITY (0 = Maximum Safety) **1**

Susceptibility of Material to Burning.

4 Extremely flammable. **1** Must be preheated to burn.
3 Ignites at normal temperature. **0** Will not burn.
2 Ignites when moderately heated.

PERSONAL PROTECTION:

None

2. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients	CAS#	%Range	ACGIH (TLV-TWA)	OSHA (PEL-TWA)	LD50 (Species/Route)	LC50 (Species)
Quaternary ammonium Compound	68391-01-5 68956-79-6	<5	NE	NE	500 mg/kg (Rat/oral)	NE

3. HAZARDS IDENTIFICATION

Eyes: There is no hazard as long as cartridge is kept intact. Contents of cartridge can cause severe irritation.

Skin: There is no hazard as long as cartridge is kept intact. Contents of cartridge can cause irritation.

Inhalation: There is no hazard as long as cartridge is kept intact.

Ingestion: May cause diarrhea and nausea.

4. FIRST AID MEASURES

Eyes: Immediately flush with plenty of water for at least 15 minutes. Get prompt medical attention.

Skin: Wash with soap and plenty of water. If symptoms develop, seek medical attention.

Inhalation: Remove to fresh air. If symptoms develop, seek medical attention. If not breathing, give artificial respiration.

Ingestion: DO NOT induce vomiting. Get medical attention immediately.

5. FIRE FIGHTING MEASURES

Flash Point (TCC): None

Explosive Limits: Lower (LEL): ND Upper (UEL): ND

Flame Projection (Aerosol): NA

Hazardous Products of Combustion: When strongly heated, as in a fire, this product may produce oxides of carbon, nitrogen and other toxic chemicals.

Fire and Explosion Hazards: None known

Extinguishing Media: Carbon dioxide; Water; Dry chemical; Foam

Fire Fighting Instructions: Wear self-contained breathing apparatus w/full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

Small Spills: Should product inadvertently be removed from its case and pulverized, pick up with scoop, shovel or vacuum and place in a designated disposal container. Rinse area thoroughly.

Large Spills: Same procedure as above.

7. HANDLING AND STORAGE

Contents should never be removed from its housing. Keep away from food and store in a cool, dry place between 50-120F / 10-48 C.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: Normally not required

Skin: Normally not required

Respiratory: Normally not required

Engineering Controls: Normally not required

9. PHYSICAL AND CHEMICAL PROPERTIES

Boiling Point: ND

Specific Gravity: 0.975- (H₂O=1)

Vapor Pressure: ND

Melting Point: 170F / 76C

Vapor Density: ND

Evaporation Rate: ND

Solubility in Water: 73-85%

pH: NA

Appearance and Odor: Odorless solid enclosed within a plastic housing with filter pad

10. STABILITY AND REACTIVITY

Hazardous Polymerization: NA

Hazardous Decomposition: When strongly heated, as in a fire, this product may produce oxides of carbon, nitrogen, and other toxic chemicals.

Chemical Stability: Stable

Incompatibility: Oxidizing agents such as bleach

11. TOXICOLOGICAL INFORMATION

Carcinogenicity (NTP/IARC/OSHA): None

California Proposition 65: Does this product contain chemical(s) known to the State of California to cause cancer and/or to cause birth defects or other reproductive harm? None

12. ECOLOGICAL INFORMATION

ND

13. DISPOSAL CONSIDERATIONS

Consult your local, state and federal regulations for proper disposal guidelines. Disposal regulations may be different for each state and/or locality.

14. TRANSPORT INFORMATION

DOT-Land USA: Not regulated for transportation.

TDG-Land Canada: Not regulated for transportation.

IMDG-Ocean: Not regulated as hazardous.

15. REGULATORY INFORMATION

VOC (Volatile Organic Compounds): None

TSCA (Toxic Substances Control Act): Listed

SARA Title III Section 302 EHS: None

SARA Title III Section 311/312: ND

SARA Title III Section 313 Toxic Chemicals: None

WHMIS Classification:

This product has been classified in accordance with the hazard criteria of the CPR (Controlled Products Regulations/ WHMIS) and the MSDS contains all the information required by the CPR.

16. OTHER INFORMATION

Read and follow all label directions and precautions before using this product. These products are intended for industrial and institutional use only. NOT FOR HOUSEHOLD USE OR RESALE. KEEP OUT OF REACH OF CHILDREN.

UNITED 524 ANTI-OVERFLOW CARTRIDGE

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