



## MATERIAL SAFETY DATA SHEET

IDENTITY (As used on label and list): **COOLING SYSTEM FAST FLUSH**

PRODUCT CODE: **MAG10331**

NFPA Hazard Identification

0 – Least    1 – Slight    2 – Moderate    3 – High    4 - Extreme

**Health: 1**

**Fire: 0**

**Reactivity: 0**

### Section I - General Information

**Warren Distribution, Inc.**

2849 River Road  
Council Bluffs, IA 51501  
Information    (402) 341-9397

Emergency    **(402) 677-1331**

Chemtrec

**(800) 424-9300**

Reviewed: **12/31/02**

### Section II - Composition/Information on Ingredients

COMPONENT NAME	%	CAS	ACGIH TLV
WATER	95-99	7732-18-5	NO LIMIT
DETERGENT/INHIBITOR	1-5	MIXTURE	NO LIMIT
RUST INHIBITOR	<1	MIXTURE	NO LIMIT
DYE	<1	MIXTURE	NO LIMIT

NON-HAZARDOUS INGREDIENTS

No IARC, NTP, OSHA and ACGIH listed carcinogens.

### Section III - Hazards Identification

**EYE CONTACT:** May cause eye burns resulting in permanent damage.

**SKIN CONTACT:** May cause skin burns with overexposure. Irritating with skin absorption

**INHALATION:** Irritating to mucus membranes

**INGESTION:** Harmful or fatal if swallowed. Irritating to throat and stomach.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** Over exposure can led to kidney and live damages.

### Section IV - First Aid Procedures

**EYE CONTACT:** Flush with water for fifteen minutes. Consult physician immediately.

**SKIN CONTACT:** Wash with soap and water thoroughly. Remove contaminated clothing and wash before re-use. If skin burn is observed, consult physician immediately.

**INHALATION:** Move to fresh air and call for emergency medical services. If breathing ceases administer artificial respiration.

**INGESTION:** Give two glasses of water. Induce vomiting!!! Consult physician immediately and get medical attention.

**CARCINOGENICITY:** this product does not contain more than .1% of any known carcinogen.

#### Section V - Fire and Explosion Hazard Data

Flash Point (deg F): None

Flammable or Explosive Limits (approximate % by volume in air) LEL: NA UEL:NA

**EXTINGUISHING MEDIA:** None Flammable

**SPECIAL FIRE FIGHTING PROCEDURES:** Wear full bunker gear with SCBA.

#### Section VI - Accidental Release Measures

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:** Prevent the spread of liquid by using inert materials such as soil. Soak up remaining material and dispose of in accordance with all Local, State, and Federal regulations.

#### Section VII - Handling and Storage

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:** Store away from oxidizing agents and strong acids.

**OTHER PRECAUTIONS:** Keep away from children and animals. Wearing contacts lenses is inadvisable.

#### Section VIII - Exposure Controls/Personal Protection

**RESPIRATORY PROTECTION:** N/A

**VENTILATION:** Use with adequate ventilation.

**PROTECTIVE GLOVES:** Rubber gloves and apron recommended for prolonged exposure.

**EYE PROTECTION:** Goggles and full face shield.

**OTHER PROTECTIVE EQUIPMENT:** None Required.

**PERSONAL HYGIENE:** Wash before eating or drinking.

#### Section IX- Physical/Chemical Characteristics

Boiling Point (deg F): approx. 215      Specific Gravity (H<sub>2</sub>O=1):1.0      Vapor Pressure (mm Hg): N/A  
Melting Point (deg F): N/A      Vapor Density (Air=1): N/A      Solubility in Water : Complete  
Evaporation Rate (n-butyl Acetate=1): <1

**APPEARANCE AND ODOR:** Yellowish Green Liquid.

#### Section X - Reactivity Data

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Oxidizers and strong acids.

**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong acids and oxidizers

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS:** At boiling small amounts of nitrogen oxides and carbon dioxide.

#### Section XI - Toxicological Information

None available

#### Section XII - Ecological Information

None available

#### Section XIII - Disposal Considerations

**WASTE DISPOSAL METHOD:** Dispose of in accordance with all Local, State, and Federal regulations.

#### Section XIV - Transport Information

**NOT A REGULATED ITEM ACCORDING TO DOT.**

#### Section XV-Regulatory Information

**SARA SECTION 313:** This product does not contain greater than 1.0% (greater than 0.1% for carcinogenic substances) of any chemical substance listed under SARA Section 313.

**WHMIS classification for product:** This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all the information required by the CPR.

This material safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in the data sheet which we received from sources outside our company and we believe that information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations. No statement made in

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