

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

Product name.....NAPA Kool 4055, 4056, 4057, 4058  
 Wix Cool 24055, 24056, 24057, 24058  
 CARQUEST Cooling Systems Treatment 89055, 89056, 89057, 89058

Trade name & synonyms.....NAPA Kool Coolant Additive  
 Wix Cool Coolant Additive  
 CARQUEST Cooling Systems Treatment

Chemical name & synonyms.....Nitrite-nitrate-borate, sodium hydroxide corrosion inhibitor

Chemical family .....Industrial water treatment

Proper DOT shipping name.....Not regulated under current DOT standards for ground transport.

DOT hazard classification .....Not regulated under current DOT standards for ground transport.

Manufacturer .....Wix Filtration Products Division, Affinia Group  
 PO Box 1967, Gastonia, NC 28053

Mailing Address .....Wix Filtration Products Division, Affinia Group  
 Attention: Technical Services Department  
 1525 South Marietta St., Gastonia, NC 28054

Emergency telephone number .....CHEMTREC: 800-424-9300

Manufacturer phone number .....704-869-3700 x2769

Revision date .....06/19/03

SECTION 2 - HAZARDOUS INGREDIENTS

CAS #	Ingredient	% by weight	TLV
7632-00-0	Sodium nitrate	<5%	Not established
7631-99-4	Sodium nitrite	<5%	Not established
1310-73-2	Sodium hydroxide	<2%	1%
149-30-4	Sodium mercaptobenzothiazole	<5%	Not established
1303-96-4	Sodium borate	<10%	Not established

SECTION 3 - HAZARDS IDENTIFICATION

Emergency Overview .....Causes eye irritation. Can cause skin irritation. Ingestion of the product can cause systemic effects and could be fatal.

Symptoms of Acute Exposure.....May cause flushed face, irregular heartbeat, tremors, or dizziness. Internal ingestion of a large amount may cause systemic effects and could be fatal.

Symptoms of Chronic Exposure.....May cause allergic skin reaction in some individuals and possible yellowing of the skin.

Coolant additives: NAPA Kool, Wix Cool, Big A Cool, & CARQUEST Cooling Systems Treatment

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### SECTION 3 - HAZARDS IDENTIFICATION (CONTINUED)

Primary Routes of Entry.....Skin contact, eye contact, ingestion, or inhalation (mist).  
Chronic cancer information.....No data available  
Teratology (birth defect) information.....No data available  
Reproductive information.....No data available

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### SECTION 4 - FIRST AID MEASURES

Eyes ..... Flush with water for 15 minutes. Seek medical attention immediately.  
Skin contact ..... Flush with water, then wash thoroughly with soap and water.  
Ingestion ..... Do not induce vomiting. Drink plenty of water. Seek medical attention immediately. Avoid alcoholic beverages.

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### SECTION 5 - FIREFIGHTING MEASURES

#### FLAMMABLE PROPERTIES

Flash point ..... N/A  
Flammable limits ..... N/A  
Extinguishing media ..... N/A  
Autoignition temperature ..... N/A  
LEL..... Not established  
UEL ..... Not established

Material is approximately 80% water. Material should only pose a hazard once all water has boiled off, leaving a dry residue. The residue contains oxidizers that can contribute to, or accelerate a fire.

#### SPECIAL FIREFIGHTING PROCEDURES

Keep upwind of fire. Use water spray to cool containers exposed to fire. Wear full protective clothing including self-contained breathing apparatus.

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### SECTION 6 - ENVIRONMENTAL RELEASE MEASURES

#### SMALL SPILL

Absorb small spill with inert material (e.g. dry sand or earth) then place in a chemical waster container.

#### LARGE SPILL

Contain large spill with sand or earth. Do not use combustible materials such as sawdust or paper. Use either plastic or metal shovel to transfer absorbed waste material into a clean waste drum. Prevent runoff from entering into storm sewers and ditches which lead to non-waste water ways. Use OSHA-approved self-contained breathing apparatus, rubber gloves, protective eyewear, and protective clothing.

Coolant additives: NAPA Kool, Wix Cool, Big A Cool, & CARQUEST Cooling Systems Treatment

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## SECTION 7 - HANDLING AND STORAGE

### HANDLING

- Eye protection ..... Wear chemical safety goggles.  
Respiratory protection ..... Where required, use OSHA approved self-contained breathing apparatus.  
Skin protection ..... Wear rubber gloves or impervious gloves.  
Ventilation recommended ..... For large spills, open all air passages until spill is clean.  
Other protection..... Wear rubber apron, long-sleeved shirt, and trousers. For prolonged contact, wear impervious clothing.

### STORAGE

Store in a cool, dry place away from combustible materials, fuels, and acids. Keep containers closed when not in use. Do not inhale mists. Do not store near fuels.

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## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

- Eye protection ..... Wear chemical safety goggles.  
Respiratory protection ..... Where required, use OSHA approved self-contained breathing apparatus.  
Skin protection ..... Wear rubber gloves or impervious gloves.  
Other protection..... Wear rubber apron, long-sleeved shirt, and trousers. For prolonged contact, wear impervious clothing.

Wash after handling and before eating, drinking, or smoking. Remove contaminated clothes and footwear. Wash clothes before re-use.

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## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- Boiling point..... 102°C (216°F)  
Vapor pressure..... 760 mm Hg @ 100°C  
Vapor density (air = 1) ..... N/A  
Solubility in water ..... Complete  
Appearance & odor ..... Red-colored liquid, mild odor  
Specific gravity (H<sub>2</sub>O = 1)..... 1.170 ± 0.005  
Percent volatiles (by vol.)..... N/A  
Evaporation rate ..... N/A  
pH..... 11.3

**SECTION 10 - STABILITY AND REACTIVITY**

Chemical stability ..... Stable mixture.  
Conditions to avoid ..... Extreme heat, flame, incompatible materials, flammables.  
Incompatibility ..... Strong acids, decaying organic material, combustibles.  
Hazardous decomposition ..... At high temperatures, will yield oxides of nitrogen, sulfur, carbon, boron, and sodium.  
Hazardous polymerization..... Will not occur.

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**SECTION 11 - TOXICOLOGICAL INFORMATION**

Threshold limit value..... Not established  
OSHA TLV ..... Not determined  
ACGIH TLV ..... Not determined  
Carcinogen - NTP program ..... Not known or suspected  
Carcinogen - IARC program ... Not known or suspected

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**SECTION 12 - ECOLOGICAL INFORMATION**

None

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**SECTION 13 - DISPOSAL CONSIDERATIONS**

Do not mix with paper, compost heaps, or other decaying organic matter. Combination of nitrates with organic matter could cause explosion.  
RCRA ignitable hazardous waste; dispose of waste material in accordance with Federal, State, and Local regulations.

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**SECTION 14 - TRANSPORT INFORMATION**

Not regulated under current DOT standards for ground transport.

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**SECTION 15 - REGULATORY INFORMATION**

None

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**SECTION 16 - OTHER INFORMATION**

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