



A Division of  
South West Lubricants, Inc.

**Material Safety Data Sheet  
Engine Cool-Aide**

Last updated: June 2010

**1. Product and Company Identification**

**Product Trade Name** Cool-Aide Concentrate Engine Coolant  
**CAS Number** Not applicable for mixtures  
**Generic Chemical Name** Engine Coolant Additive (Non-Glycol)  
**Product Type** Corrosion Inhibitor  
**Transportation Emergency** CHEMTREC 1-800-424-9300 (Outside USA 703-527-3887)  
**MSDS No.** 84916  
**MSDS Website** www.maximausa.com

**2. Composition/Information on Ingredients**

| Common Name  | Chemical Name | CAS No.    | Range (%)   |
|--|---------------|------------|-------------|
| Potassium Hydroxide  |               | 1310-58-3  | 0.2 – 0.4   |
| C4 – C12, Potassium Carboxylates   |               | Mixture    | 25 – 30     |
| Tolutriazole   |               | 29385-43-1 | 0.8 – 1.0   |
| Antifoam   |               | 9038-95-3  | 0.4 – 0.5   |
| 1, 2 Benzisothiazolin 3 One  |               | 2634-33-5  | 0.03 – 0.05 |
| Water  |               | 7732-18-5  | 70 - 75     |
| All components of this product are listed on the Toxic Substances Control Act (TSCA) Inventory or are exempt from listing. |               |            |             |

**3. Hazards Identification**

**EMERGENCY OVERVIEW**

**Primary Routes of Entry**

Inhalation No  
 Skin Yes  
 Ingestion Yes

**Hazardous Materials Information System (HMIS) Ratings**

Health 1 0 = Minimal  
 Fire 0 4 = Severe  
 Reactivity 0 \* = Chronic Hazard

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**POTENTIAL HEALTH EFFECTS**

**Eye** Contact may cause mild eye irritation including stinging, watering and redness.  
**Skin** Prolonged or repeated contact may result in skin irritation and dermatitis.  
**Ingestion** Moderately toxic. Ingestion of large amounts causes gastric disturbances. Nausea and vomiting may result.  
**Inhalation** No effects of exposure expected. At very high concentrations only, this product may cause headache, nose and throat irritation, nausea and/or mental confusion.

**Chemical Listed as Potential Carcinogens**

NTP: No IARC: No OSHA: No

Target Organs: Kidneys



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#### 4. First Aid Measures

|                   |  |
|-------------------|--|
| <b>Eye</b>        | Flush or rinse eye with water while holding eyelid open. Remove contact lenses, if worn. If irritation or redness persists, seek medical attention.                  |
| <b>Skin</b>       | Wash skin with large amounts of soap and water. Remove contaminated clothing and shoes. Discard contaminated clothing and shoes or thoroughly clean before reuse.    |
| <b>Ingestion</b>  | Never give anything by mouth to an unconscious person. <b>DO NOT INDUCE VOMITING.</b> Contact a physician immediately!   |
| <b>Inhalation</b> | If adverse effects such as dizziness, nausea or irritation are noted, move person to fresh air. If not breathing give artificial respiration. Get medical attention. |

#### 5. Fire Fighting Measures

**FLASH POINT** >220°F

**METHOD USED** Tagliabue Closed Cup

**FLAMMABLE LIMITS in AIR % by VOLUME** LEL: N/E UEL: N/E

##### UNUSUAL FIRE & EXPLOSION PROPERTIES:

Do not release runoff from fire control methods to sewers or waterways. Keep fire exposed containers cool and reduce vapors with water spray.

**EXTINGUISHING MEDIA** Use water fog, foam, dry chemical or carbon dioxide (CO<sub>2</sub>) to extinguish flames.

##### PROTECTION OF FIRE FIGHTERS:

**Fire Fighting Instructions** Firefighters should wear a self-contained breathing apparatus with a full face piece operated in pressure demand or other positive pressure mode and protective clothing.

#### 6. Accidental Release Measures

**Spill Management** Stop the source of the release if you can do it without risk. Contain release to prevent further contamination of soil, surface water or groundwater. Clean up spill as soon as possible, observing precautions in Exposure Controls/Personal Protection. Use appropriate techniques such as applying non-combustible absorbent materials or pumping. Where feasible and appropriate, remove contaminated soil. Place contaminated materials in disposable containers and dispose of in a manner consistent with applicable regulations.

**Reporting** Report spills to local authorities and/or the U.S. Coast Guard's National Response Center at (800) 424-8802 as appropriate or required.



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## 7. Handling and Storage

|                 |   |
|-----------------|---|
| <b>Handling</b> | Avoid contact with skin and eyes; wash thoroughly after handling. Avoid breathing vapor; use with adequate ventilation. Avoid contaminating soil or releasing this material into sewage and drainage systems and bodies of water. |
| <b>Storage</b>  | KEEP FROM FREEZING! Store in a dry location at room temperature. Keep container closed and maintain all original markings and labels.   |

## 8. Exposure Controls/Personal Protection

|                           |   |
|---------------------------|---|
| <b>Ventilation</b>        | None normally required. Local exhaust may be needed under special circumstances such as poorly ventilated areas, evaporation from large surfaces, spraying, heating, etc. |
| <b>Gloves</b>             | Use nitrile or neoprene gloves.   |
| <b>Eye Protection</b>     | Safety glasses, goggles or face shield are recommended.   |
| <b>Respiratory</b>        | None required under normal conditions of use.   |
| <b>Clothing</b>           | Long sleeve shirt and apron when potential for skin contact. Wear neoprene or nitrile rubber boots when necessary to avoid contaminating shoes.                           |
| <b>Hygienic Practices</b> | Avoid contact with skin and avoid breathing vapors or mist. Do not eat, drink or smoke while using this product. Wash up prior to eating or drinking.                     |

## 9. Physical and Chemical Properties

|   |  |
|---|--|
| <b>Appearance and Odor</b>              | Liquid, Bright Pink color, Slight pungent odor |
| <b>pH</b>                               | 8.0 – 9.0                                      |
| <b>Vapor Pressure</b>                   | ND   |
| <b>Vapor Density (Air = 1)</b>          | ND   |
| <b>Boiling Point</b>                    | >212°F (Active additive only – no water)       |
| <b>Solubility</b>                       | Soluble in water; insoluble in hydrocarbons    |
| <b>Freezing Point</b>                   | 32°F   |
| <b>Melting Point</b>                    | NA   |
| <b>Specific Gravity</b>                 | 1.136  |
| <b>Weight per Gallon</b>                | 9.2 lbs/gal                                    |
| <b>Volatile Organic Compounds (VOC)</b> | ND   |
| <b>Viscosity (40 °C)</b>                | ND   |



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**10. Stability and Reactivity Data**

**Chemical Stability** This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

**Incompatibility With Other Materials** None known.

**Hazardous Decomposition Products** Incomplete combustion may produce carbon monoxide, carbon dioxide and other unidentified organic compounds.

**Hazardous Polymerization** Hazardous polymerization will not occur.

**11. Toxicological Information**

No definitive information found on carcinogenicity, mutagenicity, target organs or developmental toxicity.

**Skin Irritation** Not expected to be irritating to skin.

**Eye Irritation** Not expected to be irritating to eyes.

**Respiratory Irritation** Not expected to be a respiratory irritant.

**Sensitisation** Not expected to be a skin sensitizer.

**Mutagenicity** No evidence of mutagenic activity.

**12. Ecological Information**

No definitive information found on the ecological effects of this product.

**13. Disposal Considerations**

**Disposal** Oil collection services are available for used oil recycling or disposal. Place contaminated materials in containers and dispose of in a manner consistent with applicable regulations. Consult federal, state and local regulations regarding disposal methods. Do not contaminate oil with solvents or other chemicals.



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#### 14. Transport Information

The description shown may not apply to all shipping situations. Consult 49CFR, or appropriate Dangerous Goods Regulations, for additional description requirements (e.g., technical name) and mode-specific or quantity-specific shipping requirements.

##### **DOT (Ground)**

Shipping Name Not Regulated  
Hazard Class

##### **IMDG (Overseas)**

Shipping Name Not Regulated  
Class  
UN No.

##### **IATA (Air)**

Shipping Name Not Regulated  
Class  
ID No.  
Label  
Packaging Instructions

#### 15. Regulatory Information

*Toxic Chemicals List under SARA Section 313 of the Title III and 40 CFR Part 372*  
None

*Chemicals under California Proposition 65*  
None

#### 16. Other Information

**The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.**