# COOL-AIDE READY-TO-USE

Version: 1.1
Released: 2016-11-2 Revision Date: 2016-11-2

## 1. IDENTIFICATION OF THE SUBSTANCE / APPLICATION AND THE COMPANY

**Supplier:**
Maxima Racing Oils
9266 Abraham Way
Santee, CA 92071
USA
+1 619 449 5000

**Product Name:** Cool Aide Ready-To-Use Engine Coolant
**Article Number:** 84964, 84505, 84055

**Applications:** Corrosive Inhibitor

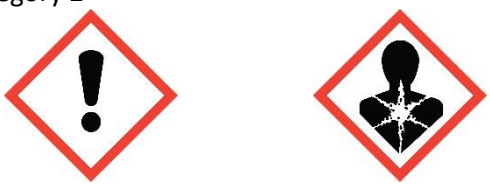
**Emergency Telephone:** CHEMTREC +1 703 527 3887 (24 hours)

## 2. HAZARDS IDENTIFICATION

**GHS Classification**

Eye Irritation: Category 2
Toxic to Reproduction: Category 2

**GHS Pictogram**



**Signal Word** **Danger!**

**Hazard Statements**
H319 Causes serious eye irritation.
H361 Suspected of damaging the unborn child.

**Precautionary Statements**

**Prevention**
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P264 Wash thoroughly after handling.
P280 Wear eye protection.

**Response**
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 If eye irritation persists: Get medical attention.
P308 + P313 IF exposed or concerned: Get medical attention.

**Storage**
P405 Store locked up.

**Disposal**
P501 Dispose of contents and container in accordance with local and national regulations.

**Other Hazards**
None

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

| Components | Content % | CAS Number |
|---|---|---|
| 2-Ethyl Hexanoic Acid, Potassium Salt | 1-<3 | 3164-85-0 |

The specific identity and/or exact percentage has been withheld as a trade secret.

## 4. FIRST-AID MEASURES

| | |
|---|---|
| **Inhalation** | Remove victim to fresh air. If breathing is difficult or irritation persists, get medical attention**.** |
| **Skin Contact** | Remove contaminated clothing. Wash skin thoroughly with soap and water. If irritation persist, get medical attention. Launder clothing before re-use. |
| **Eye Contact** | Immediately flush with large quantities of water for several minutes, holding the eyelids apart. Get medical attention. |
| **Ingestion** | If conscious, rinse mouth with water. Never give anything by mouth to an unconscious or convulsing person. Do not induce vomiting unless directed by medical personnel. Get medical attention. |
| **Most Important Symptoms** | Causes eye irritation. Prolonged skin contact may cause skin irritation. Inhalation of vapors or mists may cause respiratory irritation. Swallowing may cause gastrointestinal irritation, nausea, vomiting and diarrhea. May cause developmental effects based on animal data. |
| **Indication of Immediate Medical Attention Needed** | Immediate medical attention is required if eye contact occurs. |
| **Notes to Physician** | No specific treatment recommended. |

## 5. FIRE FIGHTING MEASURES

| | |
|---|---|
| **Suitable Extinguishing Media** | Use water spray, foam, dry chemical or carbon dioxide (CO2) to extinguish flames. |
| **Specific Hazards Arising From The Chemical** | Combustion will produce carbon and nitrogen oxides. |
| **Special Protective Equipment And Precautions For Fire-Fighters** | Firefighters should wear full emergency equipment and a NIOSH approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water. |

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## 6. ACCIDENTAL RELEASE MEASURES

| | |
|---|---|
| **Personal Precautions** | Evacuate spill area and keep unprotected personnel away. Avoid contact with the eyes, skin and clothing. Wear appropriate protective equipment. Wash thoroughly after handling. See also: Section 8 “Personal Protection". |
| **Environmental Hazards** | Report spill as required by local and federal regulations. |
| **Methods/Materials for Cleaning up** | Dike spill and collect with an inert absorbent. Place into an appropriate containers for disposal. Handle collected material in accordance with Section 13 "Disposal Considerations". |

## 7. HANDLING AND STORAGE

| | |
|---|---|
| **Precautions for Safe Handling:** | Avoid contact with the eyes and prolonged contact with skin and clothing. Avoid breathing vapors or mists. Wear protective clothing and equipment. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Keep containers closed when not in use.<br><br>Empty containers retain product residues which can be hazardous. Follow all SDS precautions when handling empty containers. |
| **Conditions for Safe Storage** | Store in a cool, dry, well-ventilated area away from oxidizing agents and other incompatible materials. Keep container tightly closed. Protect from physical damage. |

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

| | |
|---|---|
| **Exposure Limits** | 2-Ethyl Hexanoic Acid, Potassium Salt — None Established |
| **Appropriate Engineering Controls** | Good general room ventilation (equivalent to outdoors) should be adequate under normal conditions. If the exposures are excessive, increased mechanical ventilation such as local exhaust may be required. |
| **Personal Protection** | |
| **Respiratory Protection:** | If exposures are limits are exceeded, use a NIOSH approved dust/mist. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice. |
| **Eye Protection:** | Chemical safety goggles should be worn where splashing is possible. |
| **Skin/Body Protection:** | Impervious clothing as required to avoid skin contact and contamination of personal clothing. An eye wash should be available in the immediate work area. |

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**Hand Protection:** Impervious gloves such as nitrile are recommended to avoid prolonged skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|---|
| **Appearance** | Liquid |
| **Color** | Bright Pink |
| **Odor** | Slight Pungent Odor |
| **Odor Threshold** | No data available |
| **pH** | 8-9 |
| **Freezing Point** | 32°F (0°C) |
| **Boiling Point** | >212°F (100°C) |
| **Flash Point** | >220°F (104.4°C) TCC |
| **Evaporation Rate** | No data available |
| **Flammability (solid, gas)** | No data available |
| **Upper Explosion Limit** | No data available |
| **Lower Explosion Limit** | No data available |
| **Vapor Pressure** | No data available |
| **Vapor Density (Air=1)** | No data available |
| **Relative Density** | 1.01 |
| **Solubility** | Soluble water |
| **Partition Coefficient: n-octanol/water** | No data available |
| **Auto Ignition Temperature** | No data available |
| **Decomposition Temperature** | No data available |
| **Volatile Organic Compounds (VOC)** | No data available |
| **Viscosity** | No data available |

## 10. STABILITY AND REACTIVITY

| | |
|---|---|
| **Reactivity** | Not expected to be reactive. |
| **Chemical Stability** | Stable. |
| **Possibility of Hazardous Reactions** | None known. |
| **Conditions to Avoid** | None. |
| **Incompatible Materials** | Avoid oxidizing agents and reducing agents. |

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| | |
|---|---|
| **Hazardous Decomposition Product** | Thermal decomposition may produce carbon and nitrogen oxides. |

## 11. TOXICOLOGICAL INFORMATION

**Potential Health Hazards**
**Eye Contact:** Causes irritation with redness and tearing.
**Skin Contact:** Prolonged skin contact may cause irritation with redness and itching of the skin.
**Inhalation:** Excessive inhalation of vapors or mists may cause upper respiratory tract irritation.
**Ingestion:** Swallowing large amounts may cause gastrointestinal effects including nausea and diarrhea.
**Chronic Effects of Overexposure:** None known.
**Sensitization:** None of the components have been found to cause sensitization in animals or humans.
**Mutagenicity:** This product is not expected to cause mutagenic activity.
**Reproductive Toxicity:** In a reproductive study, groups of male and female rats received 100, 300 or 600 mg/kg of 2-Ethylhexanoic Acid in their drinking water. A delay in fertility was observed only in 2-Ethylhexanoic Acid treated animals. Sperm quality was slightly, but not uniformly affected. Pups born to the higher dosed dams showed lethargy, hematomas, abnormally thin hair, kinky tails and abnormal legs. Delayed development of the pups was also observed. Ears raised later in mid- and high-dose groups, and eye opening, eruption of teeth, and hair growth occurred significantly later at the high dose level. The development of the grip and cliff avoidance reflexes were delayed, more clearly in males than females. NOAEL: 100 mg/kg (offspring); NOAEL: 300 mg/kg (parents)
**Carcinogenicity**: None of the components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP, or OSHA.

**Acute Toxicity:**

| | |
|---|---|
| 2-Ethyl Hexanoic Acid, Potassium Salt | Oral rat LD50 >2400 mg/kg, Inhalation rat LC0 0.11 /h/L /8 hr (no mortality seen), Dermal rat LD50 >2000 mg/kg |

## 12. ECOLOGICAL INFORMATION

**Ecotoxicity**

| | |
|---|---|
| 2-Ethyl Hexanoic Acid, Potassium Salt | 96 hr LC50 Oryzias latipes >100 mg/L, 48 hr EC50 Daphnia magna 106 mg/L, 72 hr EC50 Desmodesmus subspicatus 49.3 mg/L |
| **Biodegradation** | 2-Ethyl hexanoic acid, potassium salt is readily biodegradable. |
| **Bioaccumulation** | This product is not expected to bioaccumulate. |
| **Mobility in soil** | No data available |
| **Other adverse effects:** | None known. |

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## 13. DISPOSAL CONSIDERATIONS

**Disposal** Dispose in accordance with all local, state and federal regulations.

## 14. TRANSPORT INFORMATION

| | UN Number | Proper shipping name | Hazard Class | Packing Group | Environmental Hazard |
|---|---|---|---|---|---|
| DOT | | Not Regulated | | | |
| TDG | | Not Regulated | | | |
| IMDG | | Not Regulated | | | |
| IATA | | Not Regulated | | | |

**Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code):** Not applicable – product is transported only in packaged form
**Special precautions:** None known.

## 15. REGULATORY INFORMATION

**CERCLA:** This product is not subject to CERCLA reporting requirements as it is sold. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.
**EPA SARA 302:** This product does not contain chemicals regulated under SARA Section 302.
**EPA SARA 311 Hazard Classification:** Acute Health, Chronic Health
**EPA SARA 313:** This product contains the following chemicals that are regulated under SARA Title III, section 313: None
**California Proposition 65:** This product contains the following chemicals known to the State of California to cause cancer and reproductive toxicity: None

**Chemical Inventories**
**Toxic Substances Control Act:** All of the components of this product are listed on the TSCA inventory

## 16. OTHER INFORMATION

| | | | |
|---|---|---|---|
| NFPA Rating (NFPA 704): | Health: 2 | Fire: 0 | Instability: 0 |
| HMIS Rating: | Health: 2* | Fire: 0 | Physical Hazard: 0 |

* Chronic Hazard

Date of Revision: November 3, 2016
Date of Previous Revision: August 2014
Revision History:
11/3/16: Converted to GHS format. All section revised

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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.