

COOL AIDE CONCENTRATE ENGINE COOLANT

Version: 1.1

Released: 2017-05-30

Revision Date: 2017-12-21

1. IDENTIFICATION OF THE SUBSTANCE / APPLICATION AND THE COMPANY

1.1 Product Identifier

Trade Name: Cool Aide Concentrate Engine Coolant
Product Number: 84916, 84505C, 84055C

1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Product Use: Corrosion Inhibitor

Restrictions on Use: None known

1.3 Details of the Supplier of the Safety Data Sheet

Manufacturer: Maxima Racing Oils
9266 Abraham Way
Santee, CA 92071
USA
Information Phone Number: +1 619 449 5000
E-mail: info@maximausa.com

1.4 Emergency Telephone Number

Emergency Spill Information: In USA: CHEMTREC +1 703 527 3887 (24 hours)
Outside USA: +1 619 449 5000

2. HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

GHS/CLP (1272/2008) Classification:

Skin Irritant Category 2 (H315)
Eye Damage Category 1 (H318)
Toxic to Reproduction Category 2 (H361d)

2.2 Label Elements

DANGER!



Contains 2-Ethyl Hexanoic Acid, Potassium Salt

Hazard Statements	Precautionary Phrases
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<p>H315 Causes skin irritation. H318 Causes serious eye damage. H361d Suspected of damaging the unborn child</p>	<p>P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P201 Obtain special instructions before use. P264 Wash thoroughly after handling. P202 Do not handle until all safety precautions have been read and understood. P280 Wear protective gloves, and eye protection. P302 + P352 IF ON SKIN: Wash with plenty of soap and water. P332 + P313 If skin irritation occurs: Get medical attention. P362 + P364 Take off contaminated clothing and wash it before reuse. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310 Immediately call a POISON CENTER or doctor. P308 + P313 IF exposed or concerned: Get medical attention P405 Store locked up. P501 Dispose of contents and container in accordance with local and national regulations.</p>
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2.3 Other Hazards: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixture

Chemical Name	CAS#	EINECS#	GHS/CLP Classification	% w/w
2-Ethyl Hexanoic Acid, Potassium Salt	3164-85-0	221-625-7	Skin Irrit 2 H315 Eye Dam 1 H318 Repr 2 H361d	15-25

The exact percentage and composition are being withheld as a trade secret

SECTION 4: FIRST AID MEASURES

4.1 Description of First Aid Measures



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Eye: Immediately flush with large quantities of water for 15 minutes, holding the eyelids apart. Get immediate medical attention.

Skin: Remove contaminated clothing. Wash skin thoroughly with soap and water. If irritation persists, get medical attention. Launder clothing before re-use.

Inhalation: Remove victim to fresh air. If breathing is difficult or irritation persists, 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.

4.2 Most Important symptoms and effects, both acute and delayed: Causes severe eye irritation or burns. Permanent damage may occur. Causes 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.

4.3 Indication of any immediate medical attention and special treatment needed: Immediate medical attention is required if eye contact occurs.

SECTION 5: FIRE AND EXPLOSION DATA

5.1 Extinguishing Media: Use water spray, foam, dry chemical or carbon dioxide (CO₂) to extinguish flames.

5.2 Special Hazards Arising from the Substance or Mixture

Unusual Fire and Explosion Hazards: None known.

Combustion Products: Combustion will produce carbon and nitrogen oxides.

5.3 Advice for Fire-Fighters:

Special Fire Fighting Procedures: Firefighters should wear full emergency equipment and an approved positive pressure self-contained breathing apparatus. Cool exposed intact containers with water.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures: 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".

6.2 Environmental Precautions: Report spill as required by local and federal regulations.

6.3 Methods and Material for Containment and 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".



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6.4 Reference to Other Sections: Refer to Section 8 for personal protective equipment and Section 13 for disposal information.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for Safe Handling: Prevent contact with the eyes. Avoid 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.

Empty containers retain product residues which can be hazardous. Follow all SDS precautions when handling empty containers.

7.2 Conditions for Safe Storage, Including any Incompatibilities: Store in a cool, dry, well-ventilated area away from oxidizing agents and other incompatible materials. Keep container tightly closed. Protect from physical damage.

7.3 Specific end use(s): None specified

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control Parameters: Refer to country-specific legislation for specific requirements where not listed below.

Chemical Name	Exposure Limits
2-Ethyl Hexanoic Acid, Potassium Salt	None Established

8.2 Exposure Controls:

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.

Respiratory Protection: If the exposure limits are exceeded, an approved dust/mist respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with local regulations and good industrial hygiene practice.

Skin Protection: Wear impervious gloves such as nitrile in accordance with EN 374 to avoid skin contact. Protective clothing if needed to avoid skin contact and contamination of personal clothing. Suitable washing should be available in the work area. Contaminated clothing should be removed and laundered before re-use.

Eye Protection: Wear chemical goggles in accordance with EN 166 to prevent eye contact.

Other Protective Equipment: None should be needed under normal use conditions. In Europe follow EN 13034.



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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic Physical and Chemical Properties

Appearance	Liquid
Color	Bright Pink
Odor	Slight pungent odor
Odor Threshold	No data available
pH	8-9
Freezing Point	0°C
Boiling Point	>100°C
Flash Point	>104.4 °C TCC
Evaporation Rate	No data available
Flammability (solid, gas)	Not applicable
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	1.136
Solubility	Soluble in 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

9.2 Other Information: None available

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: Not expected to be reactive

10.2 Chemical Stability: Stable

10.3 Possibility of Hazardous Reactions: None known.

10.4 Conditions to Avoid: None known.

10.5 Incompatible Materials: Avoid contact with strong oxidizing agents and reducing agents.

10.6 Hazardous Decomposition Products: Thermal decomposition may produce carbon and nitrogen oxides.



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SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects:

Potential Health Effects:

Eye Contact: Causes severe irritation or burns with redness, tearing and pain. Permanent damage may occur.

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.

Acute Toxicity Values:

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

Skin corrosion/irritation: 2-Ethyl hexanoic acid, potassium salt causes skin irritation in animal studies.

Eye damage/irritation: 2-Ethyl hexanoic acid, potassium salt causes eye damage in animal studies.

Respiratory Irritation: No data available for mixture. Expected to cause mild irritation to the upper respiratory tract.

Respiratory Sensitization: No data available for mixture. None of the components are respiratory sensitizers.

Skin Sensitization: No data available for mixture. None of the components have been found to cause sensitization in animals or humans.

Germ Cell Mutagenicity: No data available for mixture. None of the components are not germ cell mutagens.

Carcinogenicity: None of the components are listed as a carcinogen or suspected carcinogen by IARC, NTP, or EU CLP.

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)



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Specific Target Organ Toxicity:

Single Exposure: No data available

Repeat Exposure: No data available.

Aspiration Hazard: This product does not meet the criterial for aspiration toxicity.**SECTION 12: ECOLOGICAL INFORMATION****12.1 Toxicity**

2-Ethyl Hexanoic Acid, 96 hr LC50 Oryzias latipes >100 mg/L, 48 hr EC50 Daphnia magna
 Potassium Salt 106 mg/L, 72 hr EC50 Desmodesmus subspicatus 49.3 mg/L

12.2 Persistence and Degradability: 2-Ethyl hexanoic acid, potassium salt is readily biodegradable**12.3 Bioaccumulative Potential:** This product is not expected to bioaccumulate.**12.4 Mobility in Soil:** No data available**12.5 Results of PBT and vPvB Assessment:** Components do not meet the criteria of PBT or vPvB.**12.6 Other Adverse Effects:** None known**SECTION 13: DISPOSAL CONSIDERATIONS****13.1 Waste Treatment Methods:**

Dispose in accordance with all local and federal regulations.

SECTION 14: TRANSPORTATION INFORMATION

	14.1 UN Number	14.2 UN Proper Shipping Name	14.3 Hazard Class(s)	14.4 Packing Group	14.5 Environmental Hazards
US DOT		Not Regulated			
Canadian TDG		Not Regulated			
EU ADR/RID		Not Regulated			
IMDG		Not Regulated			
IATA/ICAO		Not Regulated			

14.6 Special Precautions for User: Not applicable**14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable – product is transported only in packaged form



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SECTION 15: REGULATORY INFORMATION

15.1 Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture:

This SDS conforms to Regulation (EU) No. 1907/2006 and 2015/830.
Label in accordance with Regulation (EC) No. 1272/2008 (CLP).

Chemical Inventories

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

SECTION 16: OTHER INFORMATION

Supersedes: Version 1.0

Date Updated: December 21, 2017

Revision Summary:

5/30/17: New document

12/21/17: Updated emergency telephone #

GHS Classification for Reference (See Sections 2 and 3):

Skin Irrit 2 Skin Irritant Category 2

Eye Dam 1 Eye Damage Category 1

Repr 2 Toxic to Reproduction Category 2

H315 Causes skin irritation.

H318 Causes serious eye damage.

H361d Suspected of damaging the unborn child

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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.