COOL AIDE CONCENTRATE ENGINE COOLANT

Version: 1.1
Released: 2016-11-03 Revision Date: 2016-11-03

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 Concentrate Engine Coolant
Article Number: 84916, 84505C, 84055C

Applications: Corrosive Inhibitor

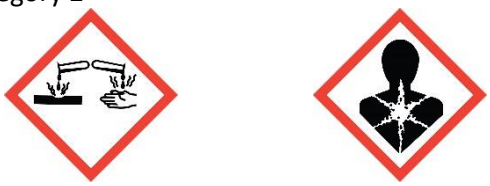
Emergency Telephone: CHEMTREC +1 703 527 3887 (24 hours)

2. HAZARDS IDENTIFICATION

GHS Classification

Skin Corrosion: Category 2
Eye Damage: Category 1
Toxic to Reproduction: Category 2

GHS Pictogram



Signal Word **Danger!**

Hazard Statements
H315 Causes skin irritation.
H318 Causes serious eye damage.
H361 Suspected of damaging the unborn child.

Precautionary Statements

Prevention
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.

Response
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.

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	15-25	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 persists, get medical attention. Launder clothing before re-use.
Eye Contact	Immediately flush with large quantities of water for 15 minutes, holding the eyelids apart. Get immediate 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 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.
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:	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.
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.
Hand Protection:	Impervious gloves such as nitrile are recommended to avoid skin contact.

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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	1.136
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.
Hazardous Decomposition Product	Thermal decomposition may produce carbon and nitrogen oxides.

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11. TOXICOLOGICAL INFORMATION

Potential Health Hazards
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.
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.

13. DISPOSAL CONSIDERATIONS

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

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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.