

## SAFETY DATA SHEET

GROOVETECH

Date Issued : 03/07/2017

SDS No : 0708

Date Revised : 06/14/2018

Revision No : 1

## COOL CAR AC PERFORMANCE BOOSTER

## 1. PRODUCT AND COMPANY IDENTIFICATION

**PRODUCT NAME:** COOL CAR AC PERFORMANCE BOOSTER**PRODUCT DESCRIPTION:** Premium Performance R1234yf & R134a Mobile Air Conditioning Compressor Lubricant**MANUFACTURER**

Groove Technologies, LLC  
7030 Windfern Rd.  
Houston, TX 77040

**Emergency Contact:** Owen Massey**Emergency Phone:** (713) 907-9563**Customer Service:** (833) 709-0369**24 HR. EMERGENCY TELEPHONE NUMBERS****Poison Control Center (Medical) :** (877) 800-5553**CHEMTREC (US Transportation) :** (800) 424-9300

## 2. HAZARDS IDENTIFICATION

**GHS CLASSIFICATIONS****Health:**

Eye Irritation, Category 2B

Skin Irritation, Category 2

Skin Sensitization, Category 1

**Environmental:**

Acute Hazards to the Aquatic Environment, Category 3

Chronic Hazards to the Aquatic Environment, Category 3

**GHS LABEL**

Exclamation  
mark

**SIGNAL WORD:** WARNING**HAZARD STATEMENTS**

H315: Causes skin irritation.

H320: Causes eye irritation.

H317: May cause an allergic skin reaction.

H412: Harmful to aquatic life with long lasting effects.

H402: Harmful to aquatic life.

**PRECAUTIONARY STATEMENTS****Prevention:**

P264: Wash skin thoroughly after handling.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P272: Contaminated work clothing should not be allowed out of the workplace.

#### Response:

P302+P352: IF ON SKIN: Wash with plenty of water.

P333+P313: If skin irritation or rash occurs: Get medical advice/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.

P337+P313: If eye irritation persists: Get medical advice/attention.

P321: Specific treatment (see first aid measures on this label).

P363: Wash contaminated clothing before reuse.

#### Disposal:

P501: Dispose of contents/container to a licensed contractor in accordance with local, state and federal regulations.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
Dimethoxypropoxylate base fluid	*	Proprietary
Amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates	<1	80939-62-4
Additive Package	*	Proprietary

**COMMENTS:** \*Ingredients and composition are withheld as trade secret in accordance with 29CFR1910.1200(i).

### 4. FIRST AID MEASURES

**EYES:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses if present and continue flushing for at least 15 minutes. Get immediate medical attention if irritation persists.

**SKIN:** Immediately rinse skin with plenty of water. If irritation occurs, remove affected clothing. Get medical attention if irritation persists. Wash affected clothing separately before reuse.

**INGESTION:** Rinse mouth with water. Seek medical attention if you feel unwell. Never give anything by mouth to an unconscious person.

**INHALATION:** Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get immediate medical attention if symptoms persist.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** Non-flammable.

**GENERAL HAZARD:** Do NOT use water stream or water jet.

**EXTINGUISHING MEDIA:** Dry Chemical, CO<sub>2</sub>, Foam. Water Spray.

**HAZARDOUS COMBUSTION PRODUCTS:** Oxides of carbon, irritating aldehydes, toxic vapors/fumes.

**OTHER CONSIDERATIONS:** Keep adjacent containers cool with water spray.

**EXPLOSION HAZARDS:** This material is not explosive and does not pose an explosion hazard. However, in a fire or if heated to high temperatures, a pressure increase can occur and cause the container to burst.

**FIRE FIGHTING EQUIPMENT:** In case of fire, wear a full-face positive pressure self contained breathing apparatus and protective suit.

### 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Contain and soak up spill with absorbent material. Place residues in a suitable, sealed and labeled container. Avoid runoff into storm sewers and ditches which lead to waterways.

**LARGE SPILL:** Shut off leak if safe to do so. Remove all sources of ignition. Contain spill with inert, non-combustible absorbent material. Reclaim into recovery or salvage drums or vacuum truck for proper disposal. Avoid mixing spilled material with other chemicals or debris. Avoid contact with skin and eyes. Do not breathe vapors. Evacuate area of all non-essential personnel. Avoid runoff into storm sewers and ditches which lead to waterways.

#### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Prevent contamination of water.

**GENERAL PROCEDURES:** Do not touch or walk through spilled material. Avoid contact with skin and eyes. Do not breathe vapors. Evacuate area of all non-essential personnel. Use appropriate personal protective equipment.

**SPECIAL PROTECTIVE EQUIPMENT:** Use protective equipment recommended in Section 8.

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Handle in accordance with good industrial hygiene and safety practices.

**HANDLING:** Use only in a well ventilated area. Avoid breathing (dust, vapor, mist, gas). Avoid contact with eyes, skin, and clothing. Keep away from heat and flame. Wash thoroughly after handling.

**STORAGE:** Keep container tightly closed in a dry, well-ventilated place away from heat, open flame, or sources of ignition. Store away from incompatible materials (see section 10).

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Provide adequate ventilation. Eye washes and showers for emergency use.

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety glasses with side shields (or goggles) or a face shield.

**SKIN:** Use protective clothing, sleeves, boots, face protection and chemical resistant gloves.

**RESPIRATORY:** Under normal conditions, respiratory equipment is not necessary. Wear suitable respiratory equipment if risk of insufficient ventilation or risk of breathing mists or vapors from heated materials.

**PROTECTIVE CLOTHING:** Wear protective clothing appropriate to the risk of exposure.

**WORK HYGIENIC PRACTICES:** Wash hands, forearms and face before eating, drinking, smoking and using the restroom. Launder contaminated clothing before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE:** Liquid

**APPEARANCE:** Clear to slightly hazy liquid

**PHYSICAL STATE COMMENTS:** Clear, bright, viscous.

**pH:** Not Available

**FLASH POINT AND METHOD:** > 230°C COC-ASTM D-92

**POUR POINT:** < -25°C

**SPECIFIC GRAVITY:** 0.99 g/cc at 20°C

**VISCOSITY #1:** 46 cSt at 40°C

**VISCOSITY #2:** 9.7 cSt at 100°C

## 10. STABILITY AND REACTIVITY

**HAZARDOUS POLYMERIZATION:** Will not occur.

**STABILITY:** Stable under normal conditions.

**CONDITIONS TO AVOID:** Avoid contamination with foreign materials, oxidizing materials, excessive heat, sparks, or open flames.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Smoke, toxic fumes, oxides of carbon and aldehydes.

**INCOMPATIBLE MATERIALS:** Strong oxidizers, strong acids.

## 11. TOXICOLOGICAL INFORMATION

### ACUTE TOXICITY

**NOTES:** This product consists of ingredients of unknown acute toxicity.

**SKIN CORROSION/IRRITATION:** May cause irritation.

**SERIOUS EYE DAMAGE/IRRITATION:** Contact may cause eye irritation.

**RESPIRATORY OR SKIN SENSITISATION:** May be sensitizing to skin.

**GERM CELL MUTAGENICITY:** Not Available

**CARCINOGENICITY****NOTES:** Not Available**REPRODUCTIVE TOXICITY:** Not Available**STOT-SINGLE EXPOSURE:** Not Available**STOT-REPEATED EXPOSURE:** Not Available**ASPIRATION HAZARD:** Not classified as an aspiration hazard.**12. ECOLOGICAL INFORMATION****ENVIRONMENTAL DATA:** This product should be regarded as harmful to aquatic organisms, with the potential to cause long term adverse effects in the aquatic environment.**BIOACCUMULATION/ACCUMULATION:** Not expected to bio-accumulate.**DISTRIBUTION:** Insoluble in water.**AQUATIC TOXICITY (ACUTE)****Notes:** Not Available**CHEMICAL FATE INFORMATION:** Expected to be partially or slowly biodegradable.**COMMENTS:** Ecotoxicological data have not been determined specifically for this product. The information given below is based on knowledge of the components.**13. DISPOSAL CONSIDERATIONS****DISPOSAL METHOD:** Dispose of contents/container to a licensed contractor or facility in accordance with local, state and federal regulations.**PRODUCT DISPOSAL:** Do not put product, spilled products or filled or partially filled containers into the trash or waste compactor. Do not allow product to reach sewage system.**EMPTY CONTAINER:** Clean container thoroughly and dispose to licensed disposal contractor. Do not weld, cut, or braze empty containers, or allow product residue to come in contact with other sources of ignition as they may contain residue which could ignite.**14. TRANSPORT INFORMATION****DOT (DEPARTMENT OF TRANSPORTATION)****PROPER SHIPPING NAME:** Not regulated for transport**AIR (ICAO/IATA)****SHIPPING NAME:** Not regulated for transport**VESSEL (IMO/IMDG)****SHIPPING NAME:** Not regulated for transport**CANADA TRANSPORT OF DANGEROUS GOODS****SHIPPING NAME:** Not regulated for transport**15. REGULATORY INFORMATION****UNITED STATES****SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)****311/312 HAZARD CATEGORIES:** Acute Health Delayed Health**313 REPORTABLE INGREDIENTS:** No ingredients at detectable levels.**302/304 EMERGENCY PLANNING****EMERGENCY PLAN:** NA = Not Applicable**TSCA (TOXIC SUBSTANCE CONTROL ACT)****TSCA STATUS:** All components listed or exempt.**CLEAN AIR ACT****40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION:** NA = Not Applicable

**CLEAN AIR ACT (HAZARDOUS AIR POLLUTANTS):** NA = Not Applicable

**CALIFORNIA PROPOSITION 65:** This product does not contain any chemicals at detectable levels known to the State of California to cause cancer, birth defects, or any other reproductive harm.

**CANADA**

**DOMESTIC SUBSTANCE LIST (INVENTORY):** All components are listed.

**16. OTHER INFORMATION**

**REASON FOR ISSUE:** Original Version

**APPROVED BY:** Owen Massey **TITLE:** President/COO

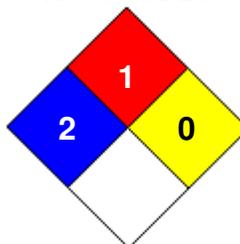
**PREPARED BY:** Owen Massey **Date Revised:** 06/14/2018

**REVISION SUMMARY:** This SDS replaces the 03/06/2017 SDS. Revised: **Section 15:** 302/304 EMERGENCY PLANNING, 311/312 HAZARD CATEGORIES, CALIFORNIA PROPOSITION 65, 40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION, CLEAN AIR ACT (HAZARDOUS AIR POLLUTANTS).

**HMIS RATING**

<b>HEALTH</b>	<input type="checkbox"/>	<b>2</b>
<b>FLAMMABILITY</b>	<input type="checkbox"/>	<b>1</b>
<b>PHYSICAL HAZARD</b>	<input type="checkbox"/>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<input type="checkbox"/>	

**NFPA CODES**



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