

Motor MAX™

Radiator Cooling Additive

Safety Data Sheet

Motor MAX works to reduce water and oil temperature, the temperature of internal engine components, it minimizes hot spots in engines, and in turn the passenger compartment and engine bay temperatures are reduced.

Motor MAX is non-toxic and biodegradable. It is non-corrosive and compatible with all internal engine parts, seals, hoses and accessory components.

For use in racing, heavy equipment, towing, or high stressed applications where more cooling is needed run 1 quart **Motor MAX** to 10 quarts of water or antifreeze.

For normal street driven use in cars, motor homes, street rods, etc. use 1 quart **Motor MAX** to 16 quarts of water or antifreeze.

SECTION 1 – IDENTIFICATION

Manufacturer: Firefreeze Worldwide, Inc.
Address: 272 Route 46 East, Rockaway, NJ 07866
Phone: 973-627-0722 **Fax:** 973-627-2982 **Email:** info@firefreeze.com
Formulation: JG302-DF (Formula 500)
Trade Name: Motor MAX
Product Usage: Radiator Cooling Additive

SECTION 2 – HAZARD IDENTIFICATION

HMIS RATING: Health: 0 Flammability: 0 Reactivity: 0

No components are believed to be hazardous or listed in NIOSH Recommendations for Occupational Safety and Health Standards, 1988, or are listed as hazardous by SARA, CERCLA, or RCRA.

SECTION 3 – COMPOSITION

Components are classified trade secret.

Motor MAX is an environmentally friendly wetting agent composed of natural water based surfactants, anti-foaming agents and other plant based ingredients.

SECTION 4 – FIRST AID

Skin: Rinse with water
Eyes: Immediately flush eyes with water
Inhalation: Negligible
Ingestion: Not considered to be orally toxic.

SECTION 5 – FIRE FIGHTING MEASURES

Non-Flammable: Water based product, will not ignite.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Spill procedures: Recoup as much of the product as possible. Rinse affected area with water.
Waste Disposal Method: Dispose of a non-hazardous waste in accordance with local, state and federal regulations.

SECTION 7 - HANDLING & STORAGE

Respiratory Protection: None required.

Ventilation: Under ordinary conditions of use for its intended purpose, no special ventilation is required.

Eye Protection: Wear eye goggles or safety glasses if needed to prevent reasonable probability of eye contact.

Protective Gloves: Wear general work gloves if there is a probability of prolonged skin contact to minimize any possible irritation.

Storage & Handling: Store at room temperature. Do not store for prolonged period in temperatures below 28°F or above 120°F. Keep product in closed containers to avoid evaporation and/or possible contamination.

Other Precautions: Do not mix with any other type of water wetters or radiator additives.

SECTION 8 – EXPOSURE CONTROL MEASURES

Avoid prolonged skin contact, wash hands with water after handling. Wear eye protection where required.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure (mm Hg): Same as water

Solubility in water: 100%

pH: 7.0 (neutral)

Specific Gravity: 1.02-1.04

Appearance/Odor: Opaque, fresh scent

SECTION 10 – STABILITY AND REACTIVITY

Stability: Product is stable

Incompatibility: Do not mix with other water wetters

Hazardous Polymerization: Will not occur

Hazardous Decomposition Products: Carbon monoxide and Carbon dioxide.

SECTION 11 – TOXICOLOGICAL INFORMATION

Biodegradability: Product is 100% biodegradable in an active environment within 21 days.

Toxicity: In accordance with U.S. EPA Office of Pollution Prevention and Toxics criteria for ranking the acute toxicity of chemicals, Motor MAX is considered to be of low concern.

SECTION 12 – ECOLOGICAL INFORMATION

No data available

SECTION 13 – DISPOSAL CONSIDERATIONS

Dispose as non-hazardous waste in accordance with local regulations.

SECTION 14 – TRANSPORT INFORMATION

IMO Hazard Class: Non-hazardous
US DOT Hazard Class: Not regulated

UN Number: Not applicable
NMFC Code: 45970

SECTION 15 – REGULATORY INFORMATION

California Proposition 65:

Components present containing listed substances which the State of California has found to cause cancer, birth defects or other reproductive harm which would require a warning under the statute are: **NONE**.

Canada WHMIS (Workplace Hazardous Materials Identification System):

Components present in this product that are listed on the WHMIS hazardous ingredients disclosure list: **NONE**.

CERCLA (Comprehensive Environmental Response, Compensation and Liability Act of 1980):

Requires notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities in 40 CFR 302.4. Components present in this product at a level, which could require reporting under the statute, are: **NONE**.

SARA (Superfund Amendments and Reauthorization Act of 1986) Title III:

Requires submission of annual reports of release of toxic chemicals that appear in 40 CFR 372 (for SARA 313). This information must be included in all SDS's that are copied and distributed for this material.

Components present in this product at a level, which could require reporting under the statute, are: **NONE**.

SECTION 16 – OTHER INFORMATION

Preparation / Revision Date: February 12, 2016 – Rev. 1.0

The information presented in the MSDS is believed to be factual. However, nothing contained in this information is to be taken as a warranty of any kind by Firefreeze Worldwide, Inc. The user should review any recommendations, in specific context to its intended use to determine whether they are appropriate.