

Safety Data Sheet

Section 1. Chemical Product and Company Identification

Product name Fuel Max Premium
Product use DIESEL FUEL ADDITIVE Cold Temperature
Product #
Date of issue: 9/15/2016

Nationwide Chemical Supply
321 Dante Ct. #19
Holbrook, NY 11741
888-858-3006

1.4. Emergency telephone number
Emergency number : INFOTRAC: 800-535-5053

Section 2. Hazards Identification

Emergency overview *HAZARD DETERMINATION SYSTEM (HDS): HEALTH, FLAMMABILITY, REACTIVITY, PPE

WARNING! COMBUSTIBLE

CAN RELEASE VAPORS THAT READILY FORM FLAMMABLE MIXTURES. VAPOR ACCUMULATION COULD FLASH AND IGNITE.



Acute Effects

Eyes: CAN CAUSE IRRITATION
Skin: MAY CAUSE SKIN DRYNESS OR CRACKING
Inhalation: MAY IRRITATE THROAT & LUNGS
Ingestion: MAY CAUSE LUNG DAMAGE

Chronic Effects: MAY CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION.

Carcinogenicity: NONE DETERMINED.

ADDITIONAL INFORMATION: SEE TOXICOLOGICAL INFORMATION (SECTION 11)

Section 3. Composition/Information on Ingredients

<u>Name of Ingredients</u>	<u>CAS number</u>	<u>% by Weight</u>
AROMATIC HYDROCARBON	64742-05-6	65-75
GLYCOL ETHER	111-76-2	5-7
OCTYL NITRATE	629-39-0	3-5
PROPRIETARY BLEND	NA	Prop.

Specific chemical identity and/or exact percentage of composition has been withheld as a trade secret.

Section 4. FIRST AID MEASURES

Eyes: FLUSH THOROUGHLY WITH WATER. IF IRRITATION OCCURS, GET MEDICAL ASSISTANCE.

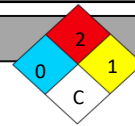
Skin: WASH CONTACT AREAS WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

Inhalation: REMOVE FROM FURTHER EXPOSURE. FOR THOSE PROVIDING ASSISTANCE, AVOID EXPOSURE TO YOURSELF OR OTHERS. USE ADEQUATE RESPIRATORY PROTECTION. IF RESPIRATORY IRRITATION, DIZZINESS, NAUSEA, OR UNCONSCIOUSNESS OCCURS, SEEK IMMEDIATE MEDICAL ASSISTANCE. IF BREATHING HAS STOPPED, ASSIST VENTILATION WITH A MECHANICAL DEVICE OR USE MOUTH-TO-MOUTH RESUSCITATION.

Ingestion: SEEK IMMEDIATE MEDICAL ATTENTION. DO NOT INDUCE VOMITING.

Note To Physician: IF INGESTED, MATERIAL MAY BE ASPIRATED INTO THE LUNGS AND CAUSE CHEMICAL PNEUMONITIS. TREAT APPROPRIATELY.

Section 5. Fire Fighting Measures



Flash Point: 108°F ASTM-D-56

Flammable Limits: (% IN AIR) LEL 0.9 UEL -6.2

Flammability: COMBUSTIBLE

Fire Hazards: VAPORS ARE FLAMMABLE AND HEAVIER THAN AIR. VAPORS MAY TRAVEL ACROSS THE GROUND AND REACH REMOTE IGNITION SOURCES CAUSING A FLASHBACK FIRE DANGER. HAZARDOUS MATERIAL. FIREFIGHTERS SHOULD CONSIDER PROTECTIVE EQUIPMENT INDICATED IN SECTION 8.

Fire-Fighting

Procedures: USE WATER FOG, FOAM, DRY CHEMICAL OR CARBON DIOXIDE (CO₂) TO EXTINGUISH FLAMES. EVACUATE AREA. PREVENT RUNOFF FROM FIRE CONTROL OR DILUTION FROM ENTERING STREAMS, SEWERS, OR DRINKING WATER SUPPLY/ FIREFIGHTERS SHOULD USE STANDARD PROTECTIVE EQUIPMENT AND IN ENCLOSED SPACES, SELF-CONTAINED BREATHING APPARATUS (SCBA). USE WATER SPRAY TO COOL FIRE EXPOSED SURFACES AND TO PROTECT PERSONNEL.

Section 6. Accidental Release Measures

Spill Clean Up: IN THE EVENT OF A SPILL OR ACCIDENTAL RELEASE, NOTIFY RELEVANT AUTHORITIES. AVOID CONTACT WITH SPILLED MATERIAL. WARN OR EVACUATE OCCUPANTS IN SURROUNDING AND DOWNWIND AREAS.

LAND SPILL: ELIMINATE ALL IGNITION SOURCES (NO SMOKING, FLARES, SPARKS OR FLAMES IN IMMEDIATE AREA.) STOP LEAK IF YOU CAN DO IT WITHOUT RISK. ALL EQUIPMENT USED WHEN HANDLING THE PRODUCT MUST BE GROUNDED. DO NOT TOUCH OR WALK THROUGH SPILLED MATERIAL. PREVENT ENTRY INTO WATERWAYS, SEWER, BASEMENTS OR CONFINED AREAS. A VAPOR SUPPRESSING FOAM MAY BE USED TO REDUCE VAPORS.

WATER SPILL: STOP LEAK IF YOU CAN DO IT WITHOUT RISK. ELIMINATE SOURCES OF IGNITION.

Section 7. Handling and Storage

Handling: AVOID CONTACT WITH SKIN. POTENTIALLY TOXIC/IRRITATING FUMES/VAPORS MAY BE EVOLVED FROM HEATED OR AGITATED MATERIAL. USE ONLY WITH ADEQUATE VENTILATION. USE PROPER BONDING AND/OR GROUNDING PROCEDURES. PREVENT SMALL SPILLS AND LEAKAGE TO AVOID SLIP HAZARD. MATERIAL CAN ACCUMULATE STATIC CHARGES WHICH MAY CAUSE AN ELECTRICAL SPARK (IGNITION SOURCE).

Storage: KEEP CONTAINER CLOSED. HANDLE CONTAINERS WITH CARE. OPEN SLOWLY IN ORDER TO CONTROL POSSIBLE PRESSURE RELEASE. STORE IN A COOL, WELL VENTILATED AREA. STORAGE CONTAINERS SHOULD BE GROUNDED AND BONDED. DRUMS MUST BE GROUNDED AND BONDED AND EQUIPPED WITH SELF-CLOSING VALVES, PRESSURE VACUUM BRINGS AND FLAME ARRESTERS.

STORAGE TEMPERATURE: [AMBIENT]

STORAGE PRESSURE: [AMBIENT]

Section 8. Exposure Controls/Personal Protection

Exposure Limits: 19PPM 100 mg/M3

Exposure Limit Value Known: VAPOR

Personal Protective Equipment (PPE)

Eyes: SAFETY GLASSES

Body: CHEMICAL & OIL RESISTANT CLOTHING. GLOVES.

Respiratory: FILTER RESPIRATOR.



Section 9. Physical and Chemical Properties

Form and Appearance: CLEAR AMBER LIQUID

pH: NA

Boiling Point: 161°C-171 °C

Vapor Density: AIR 1.4.2 AT 101K PA

Evaporation Rate: ND

Solubility: NEGLIGIBLE

Specific Gravity: 0.895g/lec

Odor: AROMATIC

Odor Threshold: ND

Melting/Freezing point: ND

Flash Point:108 °F

Viscosity: 0.75 CST

MIXABLE: NOT SOLUBLE

Section 10. Stability and Reactivity

Stability and Reactivity: STABLE UNDER NORMAL CONDITION

Conditions to Avoid: HEAT, SPARK AND OPEN FLAMES

Material to Avoid: STRONG OXIDIZER, NITRIC ACID & SULFURIC ACID

Hazardous Decomposition Products: DOES NOT DECOMPOSE

Hazardous Polymerization: WILL NOT OCCUR.

Section 11. Toxicological Information

ACUTE TOXICITY

ROUTE OF EXPOSURE

Inhalation TOXICITY:DATE AVAILABLE

IRRITATION: DATA AVAILABLE

Ingestion

TOXICITY: LD50>3000 mg/kg

Skin:

TOXICITY: LD50>3160 mg/kg

IRRITATION: DATA AVAILABLE

Eye:

IRRITATION: DATA AVAILABLE

MATERIAL.

CONCLUSION/REMARKS

MINIMALLY TOXIC. BASED ON TEST DATA FOR THE MATERIAL.

ELEVATED TEMPERATURES OR MECHANICAL ACTION MAY FORM VAPORS, MIST, OR FUMES WHICH MAY BE IRRITATING TO THE EYES, NOSE, THROAT, OR LUNGS. BASED ON TEST DATA FOR STRUCTURALLY SIMILAR MATERIALS

MINIMALLY TOXIC. BASED ON TEST DATA FOR STRUCTURALLY SIMILAR MATERIALS.

MINIMALLY TOXIC. BASED ON TEST DATA FOR THE MATERIAL. MILDLY IRRITATING TO SKIN WITH PROLONGED EXPOSURE. BASED ON TEST DATA FOR THE MATERIAL.

MAY CAUSE MILD, SHORT-LASTING DISCOMFORT TO EYES. BASED ON TEST DATA FOR THE

NO MAMMALIAN INFORMATION IS AVAILABLE ON THIS PRODUCT.

Section 12. Ecological Information

ECOTOXICITY: MATERIAL-EXPECTED TO BE TOXIC TO AQUATIC ORGANISMS. MAY CAUSE LONG-TERM ADVERSE EFFECTS IN THE AQUATIC ENVIRONMENT.

MOBILITY: MATERIAL—HIGHLY VOLATILE, WILL PARTITION RAPIDLY TO AIR. NOT EXPECTED TO PARTITION TO SEDIMENT AND WASTEWATER SOLIDS.

PERSISTENCE AND DEGRADABILITY

Biodegradation: MATERIAL- EXPECTED TO BE READULY BIODEGRADABLE

Hydrolysis: MATERIAL- TRANSFORMATION DUE TO HYDROLYSIS NOT EXPECTED TO BE SIGNIFICANT.

Photolysis: MATERIAL- TRANSFORMATION DUE TO PHOTOLYSIS NOT EXPECTED TO BE SIGNIFICANT.

Atmospheric Oxidation: MATERIAL- EXPECTED TO DEGRADE RAPIDLY IN AIR.

Section 13. Disposal Considerations

DISPOSAL RECOMMENDATIONS

PRODUCT IS SUITABLE FOR BURNING IN AN ENCLOSED CONTROLLED BURNER FOR FUEL VALUE OR DISPOSAL BY SUPERVISED INCINERATION AT VERY HIGH TEMPERATURES TO PREVENT FORMATION OF UNDESIRABLE COMBUSTION PRODUCTS.

REGULATORY DISPOSAL INFORMATION

RCRA INFORMATION: DISPOSAL OF UNUSED PRODUCT MAY BE SUBJECT TO RCRA REGULATIONS (40 CFR 261). DISPOSAL OF THE USED PRODUCT MAY ALSO BE REGULATED DUE TO IGNITABILITY, CORROSIVITY, REACTIVITY OR TOXICITY AS DETERMINED BY THE TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP). POTENTIAL RCRA CHARACTERISTICS: IGNITABILITY.

Empty Container Warning EMPTY CONTAINER WARNING (WHERE APPLICABLE): EMPTY CONTAINERS MAY CONTAIN RESIDUE AND CAN BE DANGEROUS. DO NOT ATTEMPT TO REFILL OR CLEAN CONTAINERS WITHOUT PROPER INSTRUCTIONS. EMPTY DRUMS SHOULD BE COMPLETELY DRAINED AND SAFELY STORED UNTIL APPROPRIATELY RECONDITIONED OR DISPOSED. DO NOT PRESSURISE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION. THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.

Section 14. Transport Information



DOT Classification: UN1268, PETROLEUM DISTILLATES, N.O.S.,
COMBUSTIBLE LIQUID, PG III, RQ (XYLENES)

Note: DOT classification applies to most package sizes. For specific container size classification or for size exceptions, refer to the Bill of Lading with your shipment.

Section 15. Regulatory Information

U.S. Federal Regulation

OSHA HAZARD COMMUNICATION STANDARD: WHEN USED FOR ITS INTENDED PURPOSE, THIS MATERIAL IS CLASSIFIED AS HAZARDOUS IN ACCORDANCE WITH OSHA 29CFR 1910. 1200.

NATIONAL CHEMICAL INVENTORY LISTING: PICCS, EINECS, IECSC, DSL, AICS, ENCS, TSCA, KECI

EPCRA: THIS MATERIAL CONTAINS NO EXTREMELY HAZARDOUS SUBSTANCES.

State Regulations

California Prop 65 ND

Section 16. Other Information

To the best of our knowledge. Information contained herein is accurate. However. Neither the above name supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness for the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.