

Safety Data Sheet

Revision date: 7/19/16

Version:

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<u>Product Code: MDR-556</u>	
<u>Product Name: Diesel Conditioner</u>	
Manufacturer's Name: MARINE DEVELOPMENT & RESEARCH	Emergency Telephone Number:
Address (Number, Street, City, State, ZIP) 515 EAST 41 ST ST	Telephone Number for Information: 973-754-7000
PATERSON, NJ 07504	Date Prepared:
	Signature of Preparer (optional):


SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)

Flammable liquids (Category 4), H227
 Acute toxicity, Oral (Category 4), H302
 Acute toxicity, Inhalation (Category 4), H332
 Acute toxicity, Dermal (Category 4), H312
 Acute aquatic toxicity (Category 2), H401
 Chronic aquatic toxicity (Category 2), H411

2.2 GHS Label elements, including precautionary statements

Pictogram	
Signal Word	Warning
Hazard statement(s)	
H227	Combustible liquid.
H302 +H312 +H332	Harmful if swallowed, in contact with skin or if inhaled
H411	Toxic to aquatic life with long lasting effects.
Precautionary statement(s)	
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash skin thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment
P280	Wear protective gloves/eye protection/face protection.
P301 + P312 +P330	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.
P302 +P352 + P312	IF ON SKIN: Wash with plenty of soap and water. Call a POISON CENTER or doctor/physician if you feel unwell.

P304 +P340 +P312	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.
P363	Wash contaminated clothing before reuse.
P370 +P378	in case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction
P391	Collect spillage
P403 +P235	Store in a well-ventilated place. Keep cool.
P501	Dispose of contents/container to an approved waste disposal plant.

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2.3 Hazards not otherwise classified (HNOC) or not covered by GHS

Risk of explosion if heated under confinement., Repeated exposure may cause skin dryness or cracking.

- SECTION 3: COMPOSITION/ INFORMATION ON INGREDIENTS

Component	CAS Registry #	% w/w	ACGIH TWA	OSHA PEL
Petroleum Distillate	64742-47-8	50-55	200mg/m ³	NA
2-Ethylhexyl Nitrate	27247-96-7	40-45	NA	NA
Ethoxylated Alky Phenols	9016-45-9	1-5	NA	NA

SECTION 4: FIRST-AID MEASURES

General Advice: Remove contaminated clothing.

If Inhaled: If difficulties occur after vapor/ aerosol has been inhaled, remove to fresh air and seek medical attention.

If on Skin: Wash thoroughly with soap and water. If irritation develops, seek medical attention.

If in Eyes: Wash affected eyes for at least 15 minutes under running water with eyelids held open. If irritation develops, seek medical attention.

If Swallowed: Rinse mouth and then drink plenty of water. DO NOT induce vomiting. Immediate medical attention required.

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SECTION 5: FIRE FIGHTING MEASURES

Flammable Properties:

Flash Point: 157F

Method Used: TCC

Flammable Limits:

LFL: N/A

UFL: N/A

Extinguishing Media: Water fog, foam, Carbon dioxide, dry chemical

Fire & Explosion Hazards: Containers can rupture and explode under fire conditions due to pressure and vapor buildup.

Fire Fighting Instructions: Self contained breathing apparatus. Use water to cool fire exposed containers.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions: Use personal protective clothing. Keep people away and stay on the upwind side.

Environmental Precautions: Do not discharge into drains/ surface waters/ groundwater.

Absorb on fire retardant material. Dispose of in accordance to Local, State and Federal regulations.

SECTION 7: HANDLING AND STORAGE

Handling:

- **General Advice:** Keep in a cool dry place.
- **Protection Against Fire and Explosion:** Take precautionary measures against overheating of drums

Storage:

- **General Advice:** Keep container tightly closed and dry; store in a cool place.

SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION

Personal Protective Equipment:

- **Respiratory Protection:** Wear a NIOSH-certified (or equivalent) organic vapor / particulate respirator.
- **Hand Protection:** Chemical resistant protective gloves
- **Eye Protection:** Safety glasses with side-shields
- **General Safety and Hygiene Measures:** Wear protective clothing as necessary to minimize contact. Handle in accordance with good industrial hygiene and safety practice.

Engineering Controls: Keep containers closed when not. Do not store near food.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Light straw colored liquid	Physical State: Liquid
Boiling Point: NA	Solubility in Water: Insoluble
Evaporation Rate: 0.1	Density: 7.2 LB/Gal
Freezing Point: NA	Specific Gravity: 0.86
Melting Point: NA	Vapor Density: 4.8
Molecular Weight: Mixture	Vapor Pressure: NA
Odor: Aromatic hydrocarbon	Viscosity: NA
pH: NA	% Volatile: >95%
	Partition Coefficient: log Pow: 5.24

SECTION 10: STABILITY AND REACTIVITY

Chemical Stability: Stable at normal conditions**Incompatibility:** Strong oxidizing or reducing agents.**Hazardous Decomposition Products:** Fumes, smoke, carbon monoxide, oxides of carbon nitrogen**Hazardous Polymerization:** Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

Eye: Will produce redness, burning and stinging. Prolonged and/or repeated contact may cause chemical conjunctivitis which may cause blindness**Skin:** Petroleum distillate may aggravate existing skin conditions**Ingestion:** Small amounts aspirated into the respiratory system may cause Bronchopneumonia or pulmonary edema-minimal toxicity.**Inhalation:** High vapor concentration irritating to eyes and respiratory tract, may cause headache, dizziness and nausea.**Sub chronic:** Unknown**Chronic / Carcinogenicity:** Not listed as a known carcinogen**Teratology:** Does not contain any harmful reproductive agents**Reproduction:** Does not contain any harmful reproductive agents**Mutagenicity:** Does not contain any known mutagens

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicological Information: Environmental fate and effects are not established.

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SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal of Substance: Dispose of in accordance with national, state, and local regulations. Do not discharge into drains / surface waters / groundwater. It is the waste generator's responsibility to determine if a particular waste is hazardous under RCRA.

Container Disposal: Recommend crushing, puncturing or other means to prevent unauthorized use of used containers. Dispose of in accordance with national, state and local regulations.

SECTION 14: TRANSPORT INFORMATION (Not meant to be all inclusive)

D.O.T. Shipping Name: Petroleum Oil NOIBN STCC 29117

Technical Shipping Name: Diesel Conditioner

D.O.T. Hazard Class: NA

U.N. / N.A. Number: NA

Product RQ (lbs): NA

D.O.T. Label: NA

D.O.T. Placard: NA

SECTION 15: REGULATORY INFORMATION (Not meant to be all inclusive- selected regulation represented)

TSCA Status: All ingredients listed on TESA ingredients

SARA Title III:

Section 302 Extremely Hazardous Substances: NONE

Section 311/312 Hazardous Categories: Fire Hazard

Section 313 Toxic Chemicals: NONE

California Proposition 65: None of the products composing this mixture is listed under Proposition 65

SECTION 16: OTHER INFORMATION

New Jersey Right to Know Information- 2 ETHYLHEXYL NITRATE

CAS # - 27247-96-7

Hazard Rating System:

	HMIS III Rating	NFPA Hazard Codes
Health	1	1
Flammability	2	2
Reactivity	N/A	0
Physical Hazard	0	N/A

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