



SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT AND SUPPLIER'S IDENTIFICATION

Product ID: NIT1055, NIT1056, NIT1059, NIT1153
Product Name: Nitro Diesel Fuel Treatment
Revision Date: 21-Sep-21 **Supersedes Date:** 6-Apr-19
Version: 2
Distributor's Name: NitroLubricants, USA
Address: PO Box 204
Forest Lake, MN 55025
Emergency Phone: 800-535-5053
Information Phone: 855-587-7515
Product Recommended Use: Fuel Conditioner

SECTION 2: HAZARDS IDENTIFICATION

Classification:

This product is not considered hazardous by OSHA Hazard Communications Standard 29 CFR 1910.1200

Pictograms:



Signal Word:

Warning

Hazardous Statements - Health:

H312 - May be harmful in contact with skin

H320 - May cause eye irritation

Precautionary Statements - General:

P102 - Keep out of reach of children.

P103 - Read label before use.

Precautionary Statements - Prevention:

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P264 - Wash thoroughly after handling. Protect exposed skin from prolonged use

Precautionary Statements - Responsive:

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.

P332 + P313 - IF SKIN IRRITATION OCCURS: Get medical advice/attention.

Precautionary Statements - Storage:

No precautionary statement available.

Precautionary Statements - Disposal:

P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures:

This product contains no substances which at their given concentrations are to be considered hazardous to health and safety.

Additional Information:

This product is a fuel conditioner for diesel engines blended with a mixture of additives. The formulation is considered a trade secret and specific chemical names and/or percentages of the components have not been disclosed.

SECTION 4: FIRST AID MEASURES

Not expected to contain or cause any specific health or safety hazards when used in accordance with the label.

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. See medical attention if symptoms persist or if unconscious.

Eye Contact:

Immediately flush with plenty of clear water for at least 15 minutes. Make sure to flush under the eyelids. Contact a physician.

Skin Contact:

Remove with soap and water. Consult a physician if irritation continues. If large skin area is affected, remove contaminated clothing.

Ingestion:

Seek medical attention if discomfort occurs. Do not induce vomiting.

Notes to Physician:

No Data

SECTION 5: FIRE-FIGHTING MEASURES

Conditions of Flammability:

Heat, sparks, flame, red hot metal

Suitable Extinguishing Media:

Water, CO₂, dry chemical, or universal aqueous film forming foam

Unsuitable Extinguishing Media:

Not Available

Hazardous Combustion Products:

Oxides of Carbon (CO, CO₂), smoke and vapors are products of incomplete combustion

Explosion Data - Sensitivity to Mechanical Impact:

Not Available

Explosion Data - Sensitivity to Static Discharge

Not Available

Special Firefighting Procedures:

Use water spray to cool fire exposed containers as contents can rupture violently from heat developed pressure. Firefighters should wear self-contained breathing apparatus.

Special Fire and Explosion Hazards:

Not Available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Notification Procedures:

Report spills/releases as required to appropriate authorities. Some regulations require immediate reporting of spills/releases that could reach any waterway including intermittent dry creeks.

Procedures if Material is Released or Spilled:

For LAND SPILLS - shut off source taking normal safety precautions. Take measures to minimize the effects on ground water. Recover by pumping or contain spilled material with sand or other suitable absorbent and remove mechanically into containers. If necessary, dispose of absorbed residues as directed in Section 13.

For WATER SPILLS - confine the spill immediately with booms. Notify port and/or other relevant authorities. Remove from the surface by skimming or with suitable absorbents.

Environmental Precautions:

Prevent material from entering sewers, water sources or low lying areas; advise the relevant authorities if it has, or if it contaminates soil or vegetation.

SECTION 7: HANDLING AND STORAGE

Handling:

No special precautions are necessary beyond normal good hygiene practices. See Section 8 for additional personal protection.

Storage:

Keep containers closed when not in use. Do not store in open or unlabeled containers. Store away from strong oxidizing agents and combustible materials. Do not store near heat, sparks or flame.

Empty Container Warning:

Empty containers retain residue (liquid and/or vapor) and can be dangerous. Do not pressurize, 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. Do not attempt to clean since residue is difficult to remove. Empty drums should be completely drained, properly bunged, and promptly returned to drum conditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Limit Values:

OSHA Permissible	5 mg/m ³
Exposure Limits (PELS):	
Threshold Limit Values (TVLS):	10 mg/m ³

Engineering and Exposure Controls:

General ventilation (typical 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be necessary to control air contamination below that of the lowest PEL rated ingredient from Section 2.

Personal Protection Equipment:

Wear gloves, long sleeved shirt, long pants and other protective clothing to minimize skin contact.
Wear chemical goggles, safety glasses with side shields or vented/splash proof goggles.

Respiratory Protection:

When mists are generated, and/or when ventilation is not adequate, wear a NIOSH approved respirator with an appropriate cartridge. If respirators are needed, compliance with OSHA standard 29 CFR 1910.134 is necessary within the United States.

Skin and Hand Protection:

For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 2.

Eye Protection:

Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles are recommended.

Other Protective Equipment:

Safety showers and eye-wash stations should be available in the workplace.

Hygiene Measures:

Avoid breathing vapors and contact with the skin and eyes. Keep out of reach of children. Wash hands after use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Flash Point C (F)	104C (219F)
Melting /Freezing Point	Not Available

Specific Gravity (H ₂ O = 1)	0.887.4 lbs/gal
Weight	Not Available
Vapor Pressure	Not Available
pH	Not Available
Vapor Density	Not Available
Evaporation Rate	Not Available
Physical State	Liquid
Water Solubility	Not Water Soluble
Percent Volatile	Not Available
VOC Content	Not Available
Percentage VOC	Not Available
Viscosity	7.00 @ 40 C
Odor Threshold	Not Available
Coeff. Of water/oil dist.	Not Available
Appearance	Amber Liquid
Odor	Alcoholic

SECTION 10: STABILITY AND REACTIVITY

Stability:

Stable under normal ambient temperatures

Conditions to Avoid:

Not available

Incompatible Materials

Strong oxidizers

Hazardous Reactions/Polymerization:

Not expected to occur

Conditions of Reactivity:

Extreme heat and high energy sources of ignition

Hazardous Decomposition Products:

At elevated temperatures oxides of carbon can be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

Carcinogenicity:

The petroleum base oil contained in this product has been highly refined by a variety of processes including hydrotreating and dewaxing to remove aromatics and improve performance characteristics. None of these oils used are listed as a carcinogen by NTP, IARC, GHS OR OSHA.

SECTION 12: ECOLOGICAL INFORMATION

Mobility in Soil:

When released into the environment, absorption to sediment and soil will be the predominant behavior.

Persistence and Degradability:

Not available

Bio-Accumulative Potential:

Unlikely, due to the very low water solubility of the product.

Other Adverse Effects:

Do not allow to enter waters, waste water or soil.

SECTION 13: DISPOSAL CONSIDERATIONS

Water Disposal:

Product is suitable for burning in an enclosed, controlled burner for fuel value. Hazard characteristics and regulatory waste stream classification can change with product use and location. Accordingly, it is the responsibility of the user to determine the proper storage, transportation, treatment and/or disposal methodologies for spent materials and residues at the time of disposition. All waste material must be disposed of in compliance with the respective national, federal, state, and/or local regulations.

SECTION 14: TRANSPORT INFORMATION

NON-REGULATED MATERIAL - ALL MODES

NMFC Description (United States)

Item Description: Diesel Fuel Treatment "Liquid"
Item Number: NIT1055, NIT1056, NIT1059, NIT1153
Class: 55-65

SECTION 15: REGULATORY INFORMATION

United States - Federal:

Ingredient: CAS#, TSCA, RCRA, CERCLA, SARA313, SARA311/312

United States - States:

Ingredient: CA, DE, FL, MA, PA, MN, NJ, NY, WA

Canada:

Ingredient: A, B, D1B, D2A, D2B, E, DSL, NDSL, NPRI, CWC

WHMIS Classification:

Not Regulated

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

European Union:

Ingredient: EINECS, SYMBOL, RISK PHRASES, SAFETY PHRASES

Sara (313) Toxic Release Inventory: This material may contain chemical(s) regulated under SARA. For specific questions, contact customer service.

RoHS Compliance: This product is RoHS compliant according to the definitions and restrictions given by The European Parliament (Directive 2002/95/ec) and The Council of January 27, 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

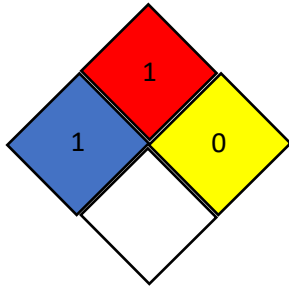
SECTION 16: OTHER INFORMATION

Glossary:

ACGIH - American Conference of Governmental Industrial Hygienists; ANSI-American National Standards Institute; Canadian TDG-Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transpiration Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC-Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA-Emergency Planning and Community Right-to-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC-Lethal Concentration; LD-Lethal Dose; NFPA-National Fire Protection Association; OEL-Occupational Exposure Limits; OSHA-Occupational Safety and Health Administration, US Department of Labor; PEL-Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313-Superfund Amendments and Reauthorization Act, Section 313; SCBA-Self-Contained Breathing Apparatus; STEL-Short Term Exposure Limit; TCEQ-Texas Commission on Environmental Quality; TLV-Threshold Limit Value; TSCA-Toxic Substances Control Act Public Law 94-469; TWA- Time-Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

KEEP AWAY FROM CHILDREN
FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY
FOR USE BY TRAINED PERSONNEL ONLY
KEEP CONTAINER CLOSED DURING STORAGE

HMIS



Health	1
Flammability	0
Instability	0
Specific	0

Chronic:

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