



SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT AND SUPPLIER'S IDENTIFICATION

Product ID: NIT1165, NIT1166, NIT1167, NIT1168, NIT1169, NIT1170
Product Name: Nitro Engine Oil (dexos) - weights 0w-20, 5w-20, 5w-30
Revision Date: 22-Oct-21 **Supersedes Date:** 15-Jul-14
Version: 3
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: Engine Oil, lubricant

SECTION 2: HAZARDS IDENTIFICATION

Classification:

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

GHS Label Elements, including precautionary statements:

Emergency Overview:

Appearance: Amber Liquid

Physical State: Liquid

Odor: Mild Petroleum

Hazards not otherwise classified (HNOC)

Other Information:

8.2% of the mixture consists of ingredient(s) of unknown toxicity

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Substance

CAS #	Chemical Name	% by Weight	Trade Secret
Proprietary	Trade Secret	80% - 90%	*

SECTION 4: FIRST AID MEASURES

First Aid Measures for different exposure routes:

Eye Contact:

Wash off with plenty of water. If irritation persists, call a physician.

Skin Contact:

Remove and wash contaminated clothing before re-use. Wash with soap & water for 20 minutes. See physician if irritation persists.

Inhalation:

Remove to fresh air. Seek medical attention if symptoms develop.

Ingestion:

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

Most important Symptoms and Effects, both Acute and Delayed:

Signs and Symptoms:

Hives

Indication of Immediate Medical Attention and Special Treatment Needed, if Necessary:

Notes to Physician:

Treat Symptomatically.

SECTION 5: FIRE-FIGHTING MEASURES

Suitable Extinguishing Media:

Water spray or fog, foam, dry chemical, carbon dioxide if product is involved.

Unsuitable Extinguishing Media:

Do not use a solid water stream as it may scatter and spread fire.

Specific Hazards Arising from the Chemical:

No information available

Explosion Data

Sensitivity to Mechanical Impact: None

Sensitivity to Static Discharge: None

Protective Equipment and Precautions for Firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures:

Personal Precautions:

Ensure adequate ventilation.

Environmental Precautions:

Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Methods for Containment:

Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up:

Pick up and transfer to properly labeled containers.

SECTION 7: HANDLING AND STORAGE

Advice on Safe Handling:

Wash thoroughly after handling.

Cautions for Safe Storage, Including any Incompatibilities

Technical Measures and Storage Conditions:

Keep in a dry, cool and well-ventilated place. Store away from strong oxidizing agents or combustible material.

Incompatible Products:

Strong oxidizing agents.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Exposure Guidelines and Controls

Engineering Measures:

Showers, Eyewash Stations, Ventilation Systems

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection:

Splash proof chemical goggles.

Skin and Body Protection:

Avoid direct contact with the substance.

Respiratory Protection:

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

Hygiene Measures:

Handle in accordance with good industrial hygiene and safety practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties:

Physical State	Liquid	
Appearance	Amber Liquid	
Color	Amber	
Odor	Mild Petroleum	
Odor Threshold	No Information Available	
Property	Values	Remarks
pH	No Information Available	No Information Available
Melting Point		No Information Available
Boiling Point/Boiling Range	No Information Available	No Information Available
Flash Point	= 386.6°F	
Evaporation Rate		No Information Available
Flammability (Solid, gas)		No Information Available
Flammability Limit in Air		No Information Available
Upper Flammability Limit	No Information Available	
Lower Flammability Limit	No Information Available	
Vapor Pressure	No Information Available	No Information Available
Vapor Density	No Information Available	No Information Available
Specific Gravity	No Information Available	No Information Available
Water Solubility	Negligible	No Information Available
Solubility in other Solvents	No Information Available	No Information Available
Partition coefficient: n-octanol/water	No Information Available	No Information Available
Autoignition Temperature		No Information Available
Decomposition Temperature	No Information Available	No Information Available
Kinematic Viscosity	7.9 @ 100c cSt	No Information Available
Dynamic Viscosity	No Information Available	No Information Available
Explosive Properties	No Information Available	
Oxidizing Properties	No Information Available	
Other Information		
Softening Point	No Information Available	
Molecular Weight	No Information Available	
VOC Content (%)	No Information Available	
Density VALUE	No Information Available	
Bulk Density VALUE	No Information Available	

SECTION 10: STABILITY AND REACTIVITY

Reactivity:

No data available

Chemical Stability:

Stable under recommended storage conditions.

Possibility of Hazardous Reactions:

None under normal processing.

Conditions to Avoid:

Heat (temperatures above flash point), sparks, ignition points, flames, static electricity.

Incompatible Materials:

Strong Oxidizing agents.

Hazardous Decomposition Products:

Oxides of carbon and other asphyxiants.

SECTION 11: TOXICOLOGICAL INFORMATION

Information on likely routes of exposure**Inhalation:**

May be harmful by inhalation.

Eye Contact:

May cause irritation.

Skin Contact:

May be harmful in contact with skin.

Ingestion:

May be harmful if swallowed.

Information on toxicological effects.**Symptoms:**

No information available.

Delayed and Immediate Effects as well as Chronic Effects from Short and Long term Exposure:**Sensitization:**

No information available.

Mutagenic Effects:

No information available.

Carcinogenicity:

No information available.

Reproductive Toxicity:

No information available.

Specific Target Organ Toxicity - Single Exposure:

No information available.

Specific Target Organ Toxicity - Repeated Exposure:

No information available.

Aspiration Hazard:

No information available.

Numerical Measures of Toxicity - Product Information**Unknown Acute Toxicity:**

8.2% of the mixture consists of ingredient(s) of unknown toxicity.

The following values are calculated based on Chapter 3.1 of the GHS Document.

ATEmix (oral) 27778 mg/kg

ATEmix (dermal) 22233 mg/kg mg/L

ATEmix (inhalation-dust/mist) 6.03 mg/L

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

8.2% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Toxicity to Daphnia and other aquatic invertebrates
Trade Secret		5000: 96 h Oncorhynchus mykiss mg/L LC50		1000: 48 h Daphnia magna mg/L EC50

Persistence and Degradability:

No Information Available.

Bioaccumulation:

No Information Available.

Other Adverse Effects:

No Information Available.

SECTION 13: DISPOSAL CONSIDERATIONS

Disposal Methods:

It must undergo special treatment, eg at suitable disposal site, to comply with local regulations.

Contaminated Packaging:

Do not re-use empty containers.

SECTION 14: TRANSPORT INFORMATION

U.S. DOT Information:

Not regulated.

SECTION 15: REGULATORY INFORMATION

International Inventories:

TSCA Complies

DSL/NDSL Complies

EINECS/ELINCS Complies

ENCS Complies

IECSC Complies

KECL Complies

PICCS Complies

AICS Complies

Legend:

TSCA United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

ENCS Japan Existing and New Chemical Substances

IECSC China Inventory of Existing Chemical Substances

KECL Korean Existing and Evaluated Chemical Substances

PICCS Philippines Inventory of Chemical and Chemical Substances

US Federal Regulations

SARA313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

SARA311/312 Hazard Categories

Acute Health Hazard No

Chronic Health Hazard No

Fire Hazard No

Sudden Release of Pressure Hazard No

Reactive Hazard No

Clean Water Act

Clean Water Act (CWA) 307: Phosphorodithioic acid, mixed O, O-bis (sec-Bu andisooctyl) esters, zinc salts, Clean Water Act (CWA) 311: ethylenediamine; vinyl acetate

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional or state level pertaining to releases of this material.

US State Regulations

California Proposition 65

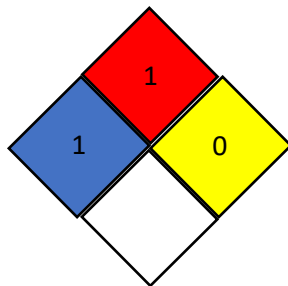
This product does not contain any Proposition 65 chemicals

US State Right-to-know Regulations

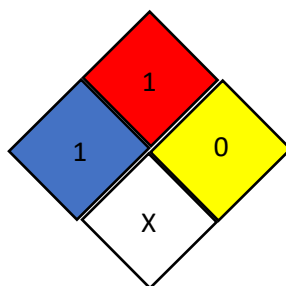
US EPA Label Information

SECTION 16: OTHER INFORMATION

NFPA



HMIS



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