



## SAFETY DATA SHEET

### SECTION 1: CHEMICAL PRODUCT AND SUPPLIER'S IDENTIFICATION

**Product ID:** NIT1159, NIT1160, NIT1153, NIT1154, NIT1017, NIT1018, NIT1157, NIT1158, NIT1019, NIT1020, NIT1155, NIT1156  
**Product Name:** Nitro High-Performance 4-Stroke Semi-Synthetic  
**Revision Date:** 22-Sep-21  
**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:** 4 cycle engines

**Supersedes Date:** 1-Apr-15

### SECTION 2: HAZARDS IDENTIFICATION

**Classification:**

Acute toxicity - Inhalation (Dust/Mists) - Category 4

**Pictograms:**



**Signal Word:**

Warning

**Precautionary Statements - General:**

P101 - If medical advice is needed, have product container or label at hand  
P102 - Keep out of reach of children  
P103 - Read label before use

**Precautionary Statements - Prevention:**

P261 - Avoid breathing dust/fume/gas/mist/vapors/spray  
P271 - Use only outdoors or in a well ventilated area

**Precautionary Statements - Responsive:**

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P312 - Call a POISON CENTER or doctor/physician if you feel unwell.

**Precautionary Statements - Disposal:**

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

**Hazards not otherwise classified (HNOC)**

**Other Information**

May be harmful in contact with skin  
26% of the mixture consists of ingredient(s) of unknown toxicity

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<i>CAS #</i>	<i>Chemical Name</i>	<i>% by Weight</i>	<i>Trade Secret</i>
Proprietary	Trade Secret	5% - 30%	*
Proprietary	Trade Secret	5% - 30%	*

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## SECTION 4: FIRST AID MEASURES

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### Inhalation:

Remove source of exposure or move person to fresh air and keep comfortable for breathing. If exposed/feel unwell/concerned: call a POISON CENTER/doctor.

### Eye Contact:

Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do so. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: get medical advice/attention.

### Skin Contact:

Remove and wash contaminated clothing before re-use. Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes. Call a POISON CENTER/doctor if you feel unwell.

### Ingestion:

Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. If vomiting occurs naturally, lie on your side, in the recovery position.

Never give anything by mouth to an unconscious or convulsing victim. Keep person warm and quiet.

### 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

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## SECTION 5: FIRE-FIGHTING MEASURES

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### Suitable Extinguishing Media:

Use water spray or fog, foam, dry chemical or 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.

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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### 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 and materials for containment and cleaning up

- 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.

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**SECTION 7: HANDLING AND STORAGE**

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- Precautions for safe handling**  
**Advice on safe handling**  
Wash thoroughly after handling.
- Conditions for safe storage, including any incompatibilities**  
**Technical measures and storage conditions**  
Keep containers tightly closed in a dry, cool and well-ventilated place.
- Incompatible products**  
Strong oxidizing agents.

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**SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION**

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- Control Parameters**  
**Exposure Guidelines:**  
This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.
- Exposure 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**  
Neoprene, Nitrile or Viton gloves recommended. 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**  
Remove and wash contaminated clothing before re-use.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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**Physical and Chemical Properties**

Physical State	Liquid	
Appearance	Amber to dark amber liquid	
Color	Amber to dark amber	
Odor	Mild Petroleum	
Odor Threshold	No information available	
Property	Values	Remarks
pH	No information available	No information available
Melting/Freezing Point		No information available
Boiling Point/Boiling Range	No information available	No information available

Flash Point	=465°F	
Evaporation Rate		No information available
Flammability (solid, gas)		No information available
Flammability Limit in Air		
Upper Flammability Limit	No information available	No information available
Lower Flammability Limit	No information available	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	100@40C, 11 @100C cST	No information available
Dynamic Viscosity	No information available	No information available
Explosive Properties	No information available	
Oxidizing Properties	No information available	
<b>Other Information</b>		
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	

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## SECTION 10: STABILITY AND REACTIVITY

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### 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.

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## SECTION 11: TOXICOLOGICAL INFORMATION

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### Information on likely routes of exposure:

#### Product Information

##### 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

Chemical Name	LD50 Oral	LD50 Dermal	LC50 Inhalation
Trade Secret	> 5000 mg/kg (Rat)	>5 g/kg (Rabbit)	= 5.53 mg/L (Rat) 4h

## 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 Systemic Toxicity (single exposure)

No information available.

### Specific Target Organ Systemic Toxicity (repeated exposure)

No information available.

### Aspiration Hazard

No information available.

## Numerical measures of toxicity - Product Information

### Unknown acute toxicity

26% of the mixture consists of ingredient(s) of unknown toxicity

**The following values are calculated based on chapter 3.1 of the GHS document**

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## SECTION 12: ECOLOGICAL INFORMATION

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### Ecotoxicity

1% 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		Oncorhynchus mykiss mg/L LC50		1000: 48 h Daphnia magna mg/L EC50
Trade Secret		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

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## SECTION 13: DISPOSAL CONSIDERATIONS

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### Waste Treatment

#### Disposal Methods

It must undergo special treatment, e.g. 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  
**Proper Shipping Name**  
Petroleum Oil, N.O.I.B.N.

**SECTION 15: REGULATORY INFORMATION**

**International Inventories:**

<b>TSCA</b>	TSCA
<b>DSL</b>	Complies
<b>NDSL</b>	Complies
<b>EINECS</b>	Complies
<b>ELINCS</b>	-
<b>ENCS</b>	-
<b>IESCS</b>	Complies
<b>KECL</b>	Complies
<b>PICCS</b>	Complies
<b>AICS</b>	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 Chemicals and Chemical Substances
- AICS** Australian Inventory of 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 Categor**

**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 (CV

**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) (40CFR 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

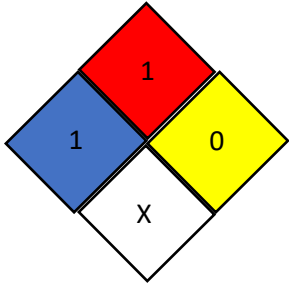
Chemical Name	New Jersey	Massachusetts	Pennsylvania
Trade Secret		X	

US EPA Label Information

SECTION 16: OTHER INFORMATION

Glossary:

HMIS



NFPA

Health Hazard	1
Flammability	1
Instability	0
Physical and Chemical Hazards	

Chronic:

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