



SAFETY DATA SHEET

SECTION 1: CHEMICAL PRODUCT AND SUPPLIER'S IDENTIFICATION

Product ID: NIT1165, NIT1088, NIT1089
Product Name: Nitro Chaincase Oil
Revision Date: 25-Oct-21 **Supersedes Date:** 6-Apr-15
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: Lubricant

SECTION 2: HAZARDS IDENTIFICATION

Classification:

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

GHS Label Elements, including precautionary statements:



Signal Word:

Warning

Hazard Statement:

P313 - May be harmful in contact with skin.

P320 - May cause eye irritation.

Precautionary Statement - General:

P102 - Keep out of reach of children

P103 - Read label before use

Precautionary Statements - Prevention:

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

Precautionary Statements - Responsive:

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water

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

P362 + P364 - Take off contaminated clothing and wash it before reuse.

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.

P308 + P313 - IF exposed or concerned: Get medical advice/attention.

Precautionary Statements - Storage:

Not applicable.

Precautionary Statements - Disposal:

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:

The mineral oils in the product contain < 3% DMSO-extract with 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

General Information:

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

Eye Contact:

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

Skin Contact:

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

Inhalation:

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

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:

Do not use a solid stream of water, may scatter and spread fire.

Flash Point and Method of Determination:

455 F ASTM D92 (Cleveland Open cup)

Flammability Limits:

Lower (LEL): No data

Upper (UEL): No data

Autoignition Temperature:

Not available

Hazardous Combustion Products:

Incomplete and thermolysis may produce gases of varying toxicity such as carbon monoxide, carbon dioxide, various hydrocarbons, aldehydes and soot. These may be highly dangerous if inhaled and conformed spaces or at high concentrations.

Explosion Data-Sensitivity to Mechanical Impact:

Not available

Explosion Data-Sensitivity to Static Discharge:

Not available

Special Fire Fighting Procedures:

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

Special Fire and Explosion Hazards:

Not available

SECTION 6: ACCIDENTAL RELEASE MEASURES

Notification Procedure:

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 measure 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 contains 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 reconditioner. All other containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

SECTION 8: EXPOSURE CONTROLS, PERSONAL PROTECTION

Control Parameters:

Exposure Limits:

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

Engineering and Exposure Controls:

V-cated limits revoked by the court of appeals decision in AFL-CIO v. OSHA, 965F .2d 962 (11th Cir. 1992)

Engineering Controls:

Showers, Eyewash Stations, Ventilation Systems.

Personal Protective Equipment

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 the reach of children. Wash hands after use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties:

Physical State	Liquid
Appearance	No Information Available
Color	Amber
Odor	Petroleum
Odor Threshold	No Information Available
Property	Values
pH	Not available
Vapor Density	Not available
Evaporation Rate	Not available
Water Solubility	Insoluble
Percent VOC	0.04
Flash Point	> 93.5°C / > 200.3°F
Kinematic Viscosity	> 20.5 mm/s
Liquid Density	< 1000 kg/m @ 25°C / 77°F
Odor Threshold	Not available
Coeff. Of water/oil Dist.	Not available
Appearance	No Information Available
Odor	Slight Petroleum

SECTION 10: STABILITY AND REACTIVITY

Stability:

Stable

Conditions of Instability:

Not available

Hazard Polymerization:

Not expected to occur.

Material Incompatibility:

Strong Oxidizers.

Conditions of Reactivity:

Extreme heat and high energy sources of ignition.

Decomposition Products:

At elevated temperatures, oxides of carbon can be produced.

SECTION 11: TOXICOLOGICAL INFORMATION

Product Information:

Product does not present an acute toxicity hazard on known or supplied information.

Inhalation:

Not an expected route of exposure. Specific test data for the substance or mixture is not available.

Eye Contact:

Not expected to cause eye irritation.

Skin Contact:

Non-irritating during normal use. Prolonged or repeated contact may dry skin and cause irritation.

Ingestion:

No known hazard by swallowing. May cause gastrointestinal discomfort if consumed in large amounts.

Numerical Measures of Toxicity

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

ATEmix (oral): 15146.10 mg/kg

ATEmix (dermal): 5048.40 mg/kg

Butylated Phenol	Oral LD50	Dermal LD50	Inhalation LC50
128-39-2	> 5000 mg/kg	> 10 g/kg	-

Unknown Acute Toxicity:

Not applicable

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity**Mobility:**

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

Persistence:

Not available

Degradability:

This product is expected to be inherently biodegradable.

Bioaccumulation:

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

Other Ecologic Data:

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

Effect on Ozone Layer:

This product does not contain any ozone depleting ingredients.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Management Information:

Hazard characteristics and regulatory waste stream classification can change with the 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 Lubricating

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 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 Regulation (CPR) and the SDS contains all the information required by the CPR.

European Union:

Ingredient EINECS SYMBOL RISK PHRASES SAFETY PHRASES

SARA313 Toxic Release Inventory:

This material may contain chemical(s) regulated under SARA. For specific questions, contact customer service.

RoHS Compliance:

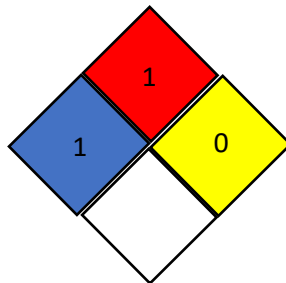
This product is RoHS compliant according to the definitions and restrictions given by The European Parliament (Directive 2002/95/EC) and The Council of January 27, 2003 on the restriction of the use of certain hazardous substances in electrical and electronic equipment.

SECTION 16: OTHER INFORMATION

HMIS

Health	1
Flammability	0
Instability	0
Specific	0

NFPA



DISCLAIMER:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of 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. The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.