



**Safety Data Sheet  
CONKLIN COMPANY, INC.**

Date Prepared: 1/2/2020

SDS Number: 3014

**SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

<b>Product Identifier</b> Rite-On® #2 Lithium Grease	<b>General Use</b> Conventional Grease
<b>Manufacturer's Name</b> Conklin Company	<b>Emergency Telephone Numbers</b> Health: (888) 786-0974 Transport: (800) 424-9300
<b>Address (Number, Street, City, State and Zip)</b> 551 Valley Park Drive Shakopee, MN 55379	<b>Phone Number for Additional Information</b> (952) 445-6010 <b>Website:</b> www.conklin.com

**SECTION 2 - HAZARDS IDENTIFICATION**

<b>Signal Word:</b>	<b>Warning</b>
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<b>Hazard statements:</b>	<b>Causes serious eye irritation.</b>
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**Precautions:** Wear eye or face protection.  
Wash hands thoroughly after handling.

**Response:** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.

**Potential Health Effects, Based on Individual Components (May Vary Among Individuals)**

**Eye:** Material causes severe irritation.

**Skin:** No known significant effects or critical hazards.

**Ingestion:** No known significant effects or critical hazards.

**Inhalation:** No known significant effects or critical hazards.

**Medical conditions aggravated by exposure:**

No known significant effects or critical hazards.

**Chronic effect** Not known to contain component(s) at 0.1% or greater listed as a carcinogen or possible carcinogen.

**SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS Number	Percent by Weight
Heavy Naphthenic Petroleum Oil	64742-52-5	30% to 40%
Distillates, Petroleum, Refined Heavy Naphthenic	64741-96-4	30% to 40%
Residual oils, petroleum, solvent deasphalted	64741-95-3	20% to 30%
Octadecanoic acid, 12-Hydroxy-, Monolithium salt	7620-77-1	5% to 10%
Calcium Carbonate	1317-65-3	1% to 5%

See Section 8 for exposure guidelines.

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## SECTION 4 - FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.

**SKIN:** Remove contaminated clothing, shoes, and leather goods (e.g. watchbands, belts). Flush with lukewarm, gently flowing water for 5 minutes. If irritation persists, repeat flushing. Obtain medical advice. Clean clothing and shoes before reuse, or discard.

**INGESTION:** Never give anything by mouth to a victim who is rapidly losing consciousness, is unconscious, or is convulsing. Have victim rinse mouth thoroughly with water. Do NOT induce vomiting. Have victim drink a glass of water (2 to 8 ounces or 60 to 240 mL). Immediately obtain medical attention.

**INHALATION:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

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## SECTION 5 - FIRE FIGHTING MEASURES

**FLASH POINT:** > 200°F

**EXINGUISHING MEDIA:** Use an extinguishing agent suitable for the surrounding fire.

**SPECIAL FIRE FIGHTING PROCEDURES:** Use water, dry chemical, CO<sub>2</sub>, or foam, as appropriate for surrounding fire. Use water spray to cool containers. Firefighters should use approved self-contained breathing apparatus and full turn-out (Bunker) gear when fighting fires involving chemicals, to protect against possible toxic fumes or vapors. Cool and use caution when approaching fire-exposed containers. This is an organic material that may burn.

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## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**SPILL OR LEAK PROCEDURE:** Use personal protection recommended in Section 8. Remove all sources of ignition, including sparks and static electricity. Use non-sparking, explosion-proof tools and equipment. Do not vacuum. Ventilate area thoroughly. Stay upwind. Isolate area from unprotected personnel. Dike to prevent spill from spreading. Collect with compatible absorbent material and place in metal container with tight fitting cover. Floor may be slippery - use care and clean thoroughly. Keep out of sewer, septic system, ground water, and open waters. Notify federal, state and local authorities, as applicable.

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## SECTION 7 - HANDLING AND STORAGE

**STORAGE TEMPERATURE:** Store above 40°F and below 100°F.

**HANDLING AND STORAGE PRECAUTIONS:** Use personal protection recommended in Section 8. Do not cut, weld, drill, or otherwise expose empty or full containers to heat, sparks, pilot lights, open flames, static electricity, or other sources of heat or ignition. Open containers slowly in case of pressure accumulation. Bond and ground containers and equipment during transfer. Vapors are/may be heavier than air and may cause ignition away from storage or handling location. Use non-sparking tools. Protect from direct sunlight. Store in dry, cool, ventilated area in tightly closed containers out of the reach of children. Do not store on side. Avoid creasing or impacting container sidewalls. Empty containers may be hazardous. Do not eat, drink, or smoke in chemical use or storage areas. Wash hands after handling and before eating, drinking, or smoking. Do not rub eyes with soiled hands. See Section 10 for metals or other materials to avoid.

## SECTION 8 - PERSONAL PROTECTION/EXPOSURE CONTROLS

**ENGINEERING CONTROLS:** Good general ventilation should be sufficient to control worker exposure to airborne contaminants. Provide a source of clean water for flushing eyes and skin.

**EYE PROTECTION REQUIREMENTS:** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with sideshields.

**SKIN PROTECTION REQUIREMENTS:** Chemical-resistant gloves and clothing, as needed, to prevent skin contact. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**RESPIRATORY PROTECTION:** To protect against inhalation, a NIOSH-approved air-purifying respirator with organic vapor cartridges and dust/mist pre-filters may be permissible. Use a dust/mist filter or pre-filter if spraying. Use a positive pressure air-supplied respirator for unknown or uncontrolled situations, or when air-purifying respirators may not provide adequate protection.

## AIRBORNE EXPOSURE LIMITS

Components	OSHA PEL/TWA	ACGIH TLV/TWA	STEL
Calcium Carbonate* *as dust	TWA 10 mg/m <sup>3</sup> (total) TWA 5 mg/m <sup>3</sup> (resp)		

Definitions:

PEL = Permissible Exposure Limit

TLV = Threshold Limit Value

TWA = Time-weighted average (8 hour day)

STEL = Short term exposure limit (15 minutes), no more than 60 min./day

(c) = Ceiling (not to be exceeded under any condition)

(s) = Skin

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical Form:	Solid (grease)	Solubility in Water:	Insoluble
Color:	Red	Specific Gravity (Water = 1):	0.9
Odor:	Mild petroleum odor	Evaporation Rate (Butyl Acetate = 1):	< 1
Boiling Range:	Not available	Vapor Pressure (mm Hg):	< 0.01 mm Hg
pH:	Not applicable	Vapor Density (Air = 1):	> 5
VOC:	0% by weight		

## SECTION 10 – REACTIVITY

Stability: Stable under anticipated storage and handling conditions.

Hazardous Polymerization: Will not occur.

Incompatibilities (Materials to Avoid): Avoid strong oxidizers and excessive heat.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, nitrogen oxides, metal oxides and sulfur oxides.

## SECTION 11 - TOXICOLOGICAL INFORMATION

Refer to Section 3 for potential health effects.

For Heavy Naphthenic Petroleum Oil: Acute Oral toxicity (LD50): > 5000 mg/kg (rat)

Acute Dermal toxicity (LD50): >2000 mg/kg (rabbit)

Accute Inhalation toxicity (LC50): >2500 mg/m<sup>3</sup>/4h (rat).

(Testing not done on behalf of Conklin.)

## SECTION 12 – ECOLOGICAL INFORMATION

Product not tested as a whole. Refer to Section 6 for information regarding accidental releases. Keep out of trash, water, sewer, and drainage systems.

### **SECTION 13 - DISPOSAL CONSIDERATIONS**

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

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### **SECTION 14 - TRANSPORTATION INFORMATION**

Not a DOT Hazardous Material.

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### **SECTION 15 - REGULATORY INFORMATION**

California Proposition 65 statement: This product does NOT contain chemicals known to the State of California to cause cancer and/or birth defects or other reproductive harm.

This product contains the following chemical(s) subject to the reporting requirements of SARA Title III, Section 313 (40 CFR Part 372): Zinc alkyl dithiophosphate: 0.5% to 1.5%.

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### **SECTION 16 - OTHER INFORMATION**

This document replaces the 1/3/2018 version. All Safety Data Sheets reviewed for composition and regulatory status.

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The information contained in this Safety Data Sheet is based on data available to us from suppliers, and is believed to be true and correct; however, Conklin makes no warranty, express or implied, regarding the accuracy of this data or results obtained from the use of this product. Conklin and its employees assume no responsibility for injury or damage from the use of this product.