MATERIAL SAFETY DATA SHEET

Section 1 – Product & Company Identification

Product Name..... :	RIDGID Cable Rust Inhibitor
Product Catalog No. ..... :	59982, 59987
Company Name..... :	Ridge Tool Company
Address ..... :	400 Clark Street
:	Elyria, Ohio 44035-6001
Telephone ..... :	1-800-519-3456 (USA) (8:00 am – 5:00 pm EST, M-F)
Emergency Telephone ..... :	call 9-1-1 or local emergency number
Website …….. :	www.RIDGID.com
Issue Date ..... :	September 5, 2013

Section 2 – Hazards Identification

EMERGENCY OVERVIEW:

This product is a liquid that is insoluble in water. Eye contact may cause moderate irritation. Short term inhalation of high vapor or mist levels may irritate the upper respiratory tract. Ingestion is not an anticipated exposure route.

POTENTIAL HEALTH EFFECTS AND SYMPTOMS FROM SHORT TERM / ACUTE EXPOSURE:

- Eye
  This product is not expected to cause eye irritation under normal conditions of use. Symptoms of moderate eye irritation with stinging, tearing, redness and blurred vision may result upon direct contact or exposure to high mist levels in poorly ventilated areas.

- Skin
  Short term skin contact may cause moderate skin irritation. Prolonged or repeated direct exposure to the skin may result in symptoms of irritation and redness. In severe cases, prolonged or repeated contact may result in dermatitis accompanied by symptoms of irritation, itching, dryness, cracking and/or inflammation.

- Inhalation:
  This product is not expected to cause respiratory tract irritation during normal conditions of use. Exposure to high mist or vapor levels in poorly ventilated areas may cause upper respiratory tract irritation. Severe exposure to high mist or vapor levels may cause CNS effects with symptoms of headache, drowsiness, stupor, dizziness and unconsciousness. In extreme cases, severe overexposure may be fatal.

- Ingestion:
  Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

- Potential Chronic Health Effects:
  No further data known.

- Medical Conditions Aggravated By Exposure:
  No further data known.

- Carcinogenicity:
  This product is not listed as a known or suspected carcinogen by IARC, OSHA or the NTP.

HMIS RATING:

Health	Flammability	Reactivity
1	2	0

Section 3 – Composition / Information On Ingredients

Components listed in this section may contribute to the potential hazards associated with exposure to the concentrate. The product may contain additional non-hazardous or trade secret components.

Component:	CAS #	% By Weight
Mineral Oil	proprietary	< 10
Mineral Spirits	proprietary	< 80

Product Name.....: RIDGID Cable Rust Inhibitor

Section 4 – First Aid Measures

EYE CONTACT:

Upon direct eye contact, hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. If irritation is due to exposure to mist or vapors, remove the individual to fresh air. If irritation persists, flush the eyes with clean water until the irritation subsides. If symptoms persist, contact a physician.

SKIN CONTACT:

Remove product from the skin by washing with a mild soap and water. Contaminated clothing should be removed to prevent prolonged exposure. If symptoms of exposure persist, contact a physician.

INHALATION:

Inhalation is not an expected route of exposure. If respiratory irritation or distress occurs, remove the employee to fresh air. Contact a physician or other medical professional if irritation or distress persists.

INGESTION:

If ingested, dilute stomach contents with two glasses of milk or water. (NOTE: Do NOT give anything by mouth to an unconscious person.) Do not induce vomiting. Aspiration of product into the lungs through vomiting may cause chemical pneumonitis which can be a dangerous condition. If vomiting occurs spontaneously, keep airway clear. If symptoms of ingestion persist, seek medical attention.

Section 5 – Fire Fighting Measures

FIRE AND EXPLOSIVE PROPERTIES:

Flashpoint.....:	150°F Tag Closed Cup
Flammability Limits.....:	LEL - not determined
	UEL - not determined

EXTINGUISH MEDIA:

In accordance with NFPA guidance, dry chemical, foam or CO2 fire extinguishers are all acceptable. Note that while water fog extinguishers are also acceptable, do NOT apply a direct stream of water onto burning product because it may cause spreading and increase fire intensity.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

This material is combustible and may be ignited by heat, sparks, flames or other sources of ignition. Vapors may travel a considerable distance where they can ignite, flashback or explode.

HAZARDOUS COMBUSTION PRODUCTS:

Combustion by-products may include oxides of carbon and incompletely burned hydrocarbons as fumes and smoke

FIRE-FIGHTING PROCEDURES AND EQUIPMENT:

Emergency responders in the danger area should wear bunker gear and self-contained breathing apparatus for fires beyond the incipient stage. See Section 8 of the MSDS for other PPE to be worn as conditions warrant.

Section 6 – Accidental Release Measures

PERSONAL PRECAUTIONS:

Use personal protection recommended in Section 8.

ENVIRONMENTAL:

This material is a water pollutant. Do not let spilled or leaking material enter waterways.

CONTAINMENT/CLEAN-UP MEASURES:

Important: As with any spill or leak, before responding, ensure that you are familiar with the potential hazards and recommendations of the MSDS. Appropriate personal protective equipment must be worn.

Important: Vapors are heavier than air and may travel long distances along the ground and reach ignition sources. Eliminate fire hazard by extinguishing ignition sources (flames, pilot lights, spark sources) prior to responding and by using only explosion-proof spill response equipment. Vapors may collect in low areas, sewers and confined spaces. Areas where vapors may collect should be ventilated properly prior to response.

If possible, safely contain the spill with dikes or other spill response equipment appropriate for releases of petroleum based materials. Large volumes may be transferred using explosion-proof equipment to an appropriate container for proper disposal. Small volumes or residues may be soaked up with absorbents. Disposal of any spill response materials should meet appropriate waste regulations.

Section 7 – Handling And Storage

HANDLING:

As with any industrial chemical, handle the product in a manner that minimizes exposure to practicable levels. Prior to handling, consult Section 8 of this MSDS to evaluate personal protective equipment needs. Open containers slowly to relieve any pressure. Follow all other standard industrial hygiene practices.

Empty containers may contain product residue. All safety precautions taken when handling this product should also be taken when handling empty drums and containers. Keep containers closed when not in use.

WARNING! Bond and ground all equipment when transferring product from one vessel to another. Product may become electrostatically charged during mixing, filtering or pumping at high flow rates. If a sufficient charge is generated, sparks can form that may ignite product vapors. Bonding and grounding is necessary to prevent static charge build-up.

Product residue in empty containers is combustible and may burn if exposed to an ignition source. DO NOT cut, grind, weld or otherwise expose containers to heat or flames because residues may ignite or generate explosive vapors.

STORAGE:

Protect product quality by storing indoors and away from extreme temperatures. Close all containers when not in use.

Product Name.....: RIDGID Cable Rust Inhibitor

Section 8 – Exposure Controls / Personal Protection

EXPOSURE GUIDELINES:

Component		
Mineral Oil	ACGIH TLV:	5 mg / m3 (as mist)
	ACGIH STEL:	10 mg / m3 (as mist)
	OSHA PEL:	5 mg / m3 (as mist)
Mineral Spirits	ACGIH TLV:	200 mg / m3
	OSHA PEL:	100 mg / m3

ENGINEERING CONTROLS:

Normal general ventilation is expected to be adequate. It is recommended that ventilation be designed in all instances to maintain airborne concentrations at lowest practicable levels. Ventilation should, at a minimum, prevent airborne concentrations from exceeding any exposure limits.

The user may wish to refer to 29 CFR 1910.1000(d) (2) and the ACGIH "Threshold Limit Values for Chemical Substances and Physical Agents Biological Exposure Indices" (Appendix C) for the determination of exposure limits of mixtures. An industrial hygienist or similar professional may be consulted to confirm that the calculated exposure limits apply.

PERSONAL PROTECTIVE EQUIPMENT:

Selection of personal protective equipment should be based upon the anticipated exposure and made in accordance with OSHA's Personal Protective Equipment Standard found in 29 CFR 1910 Subpart I. The following information may be used to assist in PPE selection.

- Eye Protection

  Wear eye protection appropriate to prevent eye exposure. Where splashing is not likely, chemical safety glasses with side shields are recommended. Where splashing may occur, chemical goggles or full face shield is recommended.

- Skin Protection
  Gloves are recommended when skin contact is likely. Select chemical resistant gloves such as nitrile or rubber to protect against exposure.

  Where splashing or soaking is likely, wear oil or chemical resistant clothing to prevent exposure.

- Respiratory Protection
  A respirator may be worn to reduce exposure to vapors, dust or mist. Select a NIOSH/MSHA approved respirator appropriate for the type and physical character of the airborne material. A self-contained breathing apparatus is recommended in all situations where airborne contaminant concentration has not been confirmed to be below safe levels. Respirator use should comply with the OSHA Respirator Protection Standard found in 29 CFR 1910.134.

Section 9 – Physical And Chemical Properties

Physical Appearance:....: Clear Amber
Odor. .....: Petroleum Solvent
Physical State.....: Liquid
Water Solubility.....: Negligible
Specific Gravity.....: 0.820
VOC ……..……: 77.5%

Section 10 – Stability And Reactivity

STABILITY:
This product is stable.

CONDITIONS TO AVOID:
Avoid contact with incompatible materials and exposure to extreme temperatures.

INCOMPATIBLE MATERIALS:
This product is incompatible with strong oxidizing agents.

POSSIBILITY OF HAZARDOUS REACTIONS:
This product is not expected to polymerize

Product Name.....: RIDGID Cable Rust Inhibitor

Section 11 – Toxicological Information

EYE EFFECTS:
No further toxicological data known.

SKIN EFFECTS:
No further toxicological data known.

ORAL EFFECTS:
No further toxicological data known.

INHALATION EFFECTS:
No further toxicological data known.

OTHER:
No further toxicological data known.

Section 12 – Ecological Information

ECOTOXICOLOGICAL INFORMATION:
This product has not been evaluated for ecotoxicity. As with any industrial chemical, exposure to the environment should be prevented and minimized wherever possible.

ENVIRONMENTAL FATE:
The degree of biodegradability and persistence of this product has not been determined.

VOC CONTENT:
77.5%

Product Name.....: RIDGID Cable Rust Inhibitor

Section 13 – Disposal Consideration

WASTE DISPOSAL:

Ensure that collection, transport, treatment and disposal of waste product, rinsate and containers complies with all applicable laws and regulations. Note that use, mixture, processing or contamination of the product may cause the material to be classified as a hazardous waste. It is the responsibility of the product user or owner to determine at the time of disposal whether the product is regulated as a hazardous waste.

Section 14 – Transportation Information

U.S. DOT HAZARDOUS MATERIAL INFORMATION:

Bulk (> 119 gal) Combustible Liquid N.O.S. (Mineral Spirits) NA 1993, PG III
NON-BULK: Not regulated for ground shipment
Flammable Liquid N.O.S. (Naptha Solvent) UN 1993, PG III for air shipment
Not otherwise DOT regulated

Section 15 – Regulatory Information

FEDERAL REGULATIONS:

SARA 313:

This product contains NONE of the substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

CLEAN WATER ACT:

This product contains mineral oil and is subject to regulation by Section 311 of the Clean Water Act and the Oil Pollution Act. Releases of the product into or leading to surface waters must be reported to the National Response Center at 1-800-424-8802.

CERCLA REPORTABLE QUANTITY:

None of the components have been assigned a reportable quantity (RQ) by the Federal EPA.

TOXIC SUBSTANCE CONTROL ACT:

The components of this product are listed on the TSCA Inventory.

OZONE DEPLETING SUBSTANCES:

This product contains no ozone depleting substances as defined by the Clean Air Act.

HAZARDOUS AIR POLLUTANTS:

None of the components are defined by the Federal EPA as hazardous air pollutants.

STATE REGULATIONS

This product contains mineral oil, and as used, may be regulated by state used oil regulations. Check with the appropriate state agency to determine whether such a regulation exists.

CANADA

WHMIS Classification: D2B & B3

DSL: The components of this product are listed on DSL Inventory.

Section 16 – Other Information

Prepared by:. . . . . Ridge Tool Company

Issue Date: . . . . . September 5, 2013
Last Revision Date: . . . . . September 30, 2009