

MATERIAL SAFETY DATA SHEET

LAST REV. DATE : 26/05/13

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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY NAME

PRODUCT NAME: Rope lube 00/RS Grease
PRODUCT CODE: 0251/0584
COMPANY NAME: THE IRONSIDES LUBRICANTS LTD
Shield Street
Stockport
SK3 ODS
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2. HAZARDS IDENTIFICATION

MAIN HAZARDS: Not classified as hazardous

3. COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS: Zinc Dialkyldithiophosphate 1.5 % CAS No 68649-42-3



Xi, N: R36, R51/53

4. FIRST AID MEASURES

EYE CONTACT: Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists
SKIN CONTACT: Wash skin with soap and water. If grease has been injected under the skin, seek Medical advice immediately.
INGESTION: Do not induce vomiting. Obtain medical attention

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use water Spray to cool containers. Use foam, dry chemical, carbon dioxide or suitable extinguishing media..
EXPOSURE HAZARDS: This product may give rise to hazardous fumes in a fire.
PROTECTION FOR FIRE- FIGHTERS: Wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: Refer to section 8 for personal protection details.
SPILLAGES: Transfer into suitable containers for recovery or disposal.

7. HANDLING AND STORAGE

HANDLING: Avoid direct contact with the substance.
STORAGE: Store in cool well ventilated area

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT:



HAND PROTECTION: PVC gloves
EYE PROTECTION: Wear approved safety goggles
BODY PROTECTION: Normal work wear
RESPIRATORY PROTECTION: Not normally required

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RS GREASE

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Fluid Grease
COLOUR: Black/grey
ODOUR: Odourless.
MELTING POINT (°C): Melts above 150
FLASH POINT (PMCC) (°C): Exceed 150.
SOLUBILITY IN WATER (KG/M3): Insoluble.
DENSITY (KG/M3): 0.96 (Measured as kg/litre)
AUTO-FLAMMABILITY (°C): Above 200.

10. STABILITY AND REACTIVITY

STABILITY: Stable under normal conditions.
CONDITIONS TO AVOID: Heat.
MATERIALS TO AVOID: Strong oxidising agents.
HAZARDOUS DECOMPOSITION PRODUCTS: Combustion will generate: smoke, carbon dioxide and carbon monoxide

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY Low order of acute toxicity.

12. ECOLOGICAL INFORMATION

MOBILITY: Non volatile. The product is poorly absorbed onto soils or sediments.
PERSISTENCE & DEGRADABILITY: Only slightly biodegradable.
BIO-ACCUMULATION: Product is not expected to bio-accumulate.

13. DISPOSAL RECOMMENDATIONS

PRODUCT DISPOSAL: Dispose in a regulated landfill site or other method for hazardous or toxic waste. Dispose of in accordance with local and national regulations.

14. TRANSPORT INFORMATION

UN CLASS: Not classified.
ADR/RID – CLASS: Not classified.
IMDG – CLASS: Not classified.
IATA – CLASS: Not classified.

15. REGULATORY INFORMATION

HAZARD SYMBOLS: No significant hazard.
R PHRASES: NONE.
S PHRASES: NONE.

16. OTHER INFORMATION

PRODUCT USE: For industrial use only. Lubricant.

EC Directive 91/155/EEC defining the laying down and detailed arrangements for the system of specific information relating to Dangerous Preparations Directive – 2001/58/EC. EC Directive 88/379/EEC relating to the classification, packaging and labelling of dangerous preparations.

To the best of our knowledge, the information contained herein is accurate. Although certain hazards may be described we cannot predict that these are the only hazards, or combination of hazards, that may exist in a workplace. This MSDS, therefore, forms a component only of a risk assessment carried out by, or on behalf of, the user.



Technical Data

PRODUCT NAME : ROPE LUBE 00/RS grease

PRODUCT CODE : 0251/0584

This is a semi-fluid grease for wire rope lubrication designed to meet the arduous lubricant and corrosion prevention requirements of wire ropes working under all conditions. Typical application areas are dockside and ship crane ropes, drag lines, hoists and mobile cranes. **ROPE LUBE 00** will penetrate between the rope strands to provide integral lubrication and to provide both internal and external protection against corrosion caused by wet, adverse weather conditions and sea water.

COST SAVING BENEFITS

1. Provides excellent internal and external protection, extending rope service life
2. Addition of solid lubricant, reduces wear between the strands of the rope
3. Water repellent film ensures long film life extending re-lubrication intervals
4. Thin film eliminates fling off and does not collect abrasive particles
5. Ropes are clean to handle and allow easy inspection
6. Extensive covering power, resulting in economic usage

METHOD OF APPLICATION

Apply sparingly, (1kg is sufficient to lubricate 50m of 25mm dia rope). When the rope is in use, the capillary action of the lubricant will ensure full penetration to the core of the rope. Use straight from the container, even in cold weather. For best results, **ROPE LUBE 00** should be applied to clean ropes to ensure complete penetration. (Should it not be possible to clean the ropes of previous lubricant, then apply **ROPE LUBE 00** on top of the previous lubricant to soften it, work the rope for one week, then make a further application.) Please insure you agitate before use.

Properties	Specification	
Appearance	-	Semi Fluid Grease
Colour	-	Grey/Black
NLGI classification	-	00
Base oil	-	Refined mineral oil
Resistance to corrosion Emcor (a)	IP 220	N/a
Four Ball Weld Load (kgs)	IP 239	320
Operating temperature range	-	-40°C to 120°C
Solids %	-	3% molybdenum disulphide

The information above is believed to be accurate and given in good faith but without warranty. It is the users responsibility to determine the suitability of the product. (2013)