



## SAFETY DATA SHEET

### K48 Moly Grease

#### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME K48 Moly Grease  
 PRODUCT NO. 7948  
 INTERNAL ID 10624  
 APPLICATION Lubricating grease  
 SUPPLIER Morris Lubricants  
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#### 2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

| Name                         | EC No. | CAS-No.    | Content | Classification       |
|------------------------------|--------|------------|---------|----------------------|
| Zinc dialkyl dithiophosphate |        | 68649-42-3 | 1-5%    | Xi;R36/38. N;R51/53. |

The Full Text for all R-Phrases are Displayed in Section 16

#### COMPOSITION COMMENTS

The Data Shown is in accordance with the latest EC Directives.

#### 4 FIRST-AID MEASURES

##### GENERAL INFORMATION

Get medical attention if any discomfort continues.

##### INGESTION

Do not induce vomiting. Get medical attention if any discomfort continues.

##### SKIN CONTACT

Remove contaminated clothing immediately and wash skin with soap and water.

##### EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention promptly if symptoms occur after washing.

#### 5 FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

Extinguish with foam, carbon dioxide, dry powder or water fog.

##### SPECIAL FIRE FIGHTING PROCEDURES

Keep run-off water out of sewers and water sources. Dike for water control.

##### UNUSUAL FIRE & EXPLOSION HAZARDS

Heat from fire could result in drums bursting

##### SPECIFIC HAZARDS

By heating and fire, harmful vapours/gases may be formed.

##### PROTECTIVE MEASURES IN FIRE

Self-contained breathing apparatus.

#### 6 ACCIDENTAL RELEASE MEASURES

## K48 Moly Grease

### PERSONAL PRECAUTIONS

For personal protection, see section 8. In case of spills, beware of slippery floors and surfaces.

### ENVIRONMENTAL PRECAUTIONS

Avoid release to the environment.

### SPILL CLEAN UP METHODS

Use sealed containers for reclamation or disposal in licensed special waste. Avoid contact with water.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Avoid spilling, skin and eye contact. Always remove oil with soap and water or skin cleaning agent, never use organic solvents. Do not use oil-contaminated clothing or shoes, and do not put rags moistened with oil into pockets.

### STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place.

### STORAGE CLASS

Miscellaneous hazardous material storage.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

### PROTECTIVE EQUIPMENT



### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

### HAND PROTECTION

PVC gloves are recommended.

### EYE PROTECTION

If risk of splashing, wear safety goggles or face shield.

### OTHER PROTECTION

Use barrier creams to prevent skin contact.

### HYGIENE MEASURES

Wash promptly with soap & water if skin becomes contaminated.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

|                    |                     |                                |         |
|--------------------|---------------------|--------------------------------|---------|
| APPEARANCE         | Smooth Grease       |                                |         |
| COLOUR             | Grey to Black       |                                |         |
| ODOUR              | Odourless           |                                |         |
| SOLUBILITY         | Insoluble in water  |                                |         |
| MELTING POINT (°C) | 200                 | RELATIVE DENSITY               | 0.88 15 |
| FLASH POINT (°C)   | >200 PM Closed cup. | AUTO IGNITION TEMPERATURE (°C) | >200    |

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions and recommended use.

### CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition.

### MATERIALS TO AVOID

Strong oxidising substances.

### HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

**K48 Moly Grease****11 TOXICOLOGICAL INFORMATION****GENERAL INFORMATION**

This product has low toxicity. Only large volumes may have adverse impact on human health.

**INHALATION**

Unlikely to be hazardous by inhalation because of the low vapour pressure of the substance at ambient temperature.

**INGESTION**

No harmful effects expected in amounts likely to be ingested by accident.

**SKIN CONTACT**

Skin irritation is not anticipated when used normally. Repeated exposure may cause skin dryness or cracking.

**EYE CONTACT**

May cause temporary eye irritation.

**SPECIFIC EFFECTS**

Prolonged or repeated contact with used oil may cause serious skin diseases, such as dermatitis and skin cancer.

**12 ECOLOGICAL INFORMATION****MOBILITY**

The product is non-volatile. The product contains substances which are insoluble in water and which sediment in water systems.

**BIOACCUMULATION**

Bioaccumulation is unlikely to be significant because of the low water solubility of this product.

**DEGRADABILITY**

The product is not readily biodegradable.

**13 DISPOSAL CONSIDERATIONS****GENERAL INFORMATION**

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements.

**14 TRANSPORT INFORMATION****GENERAL**

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**15 REGULATORY INFORMATION****RISK PHRASES**

NC Not classified.

**SAFETY PHRASES**

NC Not classified.

**UK REGULATORY REFERENCES**

Health and Safety at Work Act 1974.

**EU DIRECTIVES**

Dangerous Preparations Directive 1999/45/EC. Dangerous Substance Directive 67/548/EEC.

**STATUTORY INSTRUMENTS**

Chemicals (Hazard Information and Packaging) Regulations.

**APPROVED CODE OF PRACTICE**

Safety Data Sheets for Substances and Preparations.

**GUIDANCE NOTES**

Workplace Exposure Limits EH40.

**16 OTHER INFORMATION**

## K48 Moly Grease

### REVISION COMMENTS

NOTE: Lines within the margin indicate significant changes from the previous revision.

REVISION DATE 22/01/2010

REV. NO./REPL. SDS GENERATED 1

### RISK PHRASES IN FULL

R36 Irritating to eyes.

R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in a process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.