

|                      |                            |                       |          |
|----------------------|----------------------------|-----------------------|----------|
| <b>Productname :</b> | MoS2 SUPER LONGTERM GREASE | <b>Creationdate :</b> | 31.10.07 |
| <b>Ref.Nr.:</b>      | BB14140-3-311007           | <b>Replaces:</b>      | 06.07.04 |

## 1. IDENTIFICATION OF PRODUCT AND COMPANY

**Productname :** MoS2 SUPER LONGTERM GREASE  
Bulk

**Application :** Lubricants

**Company :** CRC Industries Europe bvba  
Touwslagerstraat 1  
9240 ZELE  
Belgium  
Tel.: (+32)(0)52/456011  
Fax: (+32)(0)52/450034  
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**In case of emergency :** (+32) (0)52/45 60 11

| Subsidiaries               |                                                                  | Tel                | Fax                 |
|----------------------------|------------------------------------------------------------------|--------------------|---------------------|
| CRC Industries Finland     | Asemanrinne 13, 08500 Lohja AS                                   | (+358)(0)19/32921  | (+358)(0)19/383676  |
| CRC Industries France      | 12, Bld des Martyrs de Chateaubriant<br>F-95102 Argenteuil Cédex | (+33)(0)1/34112000 | (+33)(0)1/34110996  |
| CRC Industries Deutschland | Südring 9, 76473 Iffezheim                                       | (+49)(0)7229/3030  | (+49)(0)7229/303266 |
| CRC Industries Iberia      | Gremio del cuero S/N, 40195 Segovia                              | (+34)921/427546    | (+34)921/436270     |
| CRC Industries Sweden      | Kryptongatan 14, 43153 Mölndal                                   | (+46)(0)31/7068480 | (+46)(0)31/273991   |

## 2. HAZARD IDENTIFICATION

**Other hazards :** According to EU-directive 99/45/EC not classified

## 3. COMPOSITION AND INFORMATION ON COMPONENTS

Mineral oil (IP 346 DSMO extract < 3%) based product.

| Hazardous ingredient       | CAS-nr     | EINECS    | w/w % | symbol | R-phrases* | Notes |
|----------------------------|------------|-----------|-------|--------|------------|-------|
| zinc alkyl dithiophosphate | 68649-42-3 | 272-028-3 | <2.5  | N      | 51/53      |       |

Remark: for substances with workplace exposure limits see point 8.

## 4. FIRST AID MEASURES

**General Advice :** The usual precautions for handling chemicals should be observed  
If any symptoms should occur, seek medical advice.

**Contact with eyes :** If substance has got into eyes, immediately wash out with plenty of water



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|                            |                                                                            |
|----------------------------|----------------------------------------------------------------------------|
| <b>Contact with skin :</b> | Wash with water and soap.                                                  |
| <b>Inhalation :</b>        | Inhalation is unlikely to occur                                            |
| <b>Ingestion :</b>         | If swallowed accidentally, do not induce vomiting and seek medical advice. |

## 5. FIRE-FIGHTING MEASURES

|                                          |                                                                |
|------------------------------------------|----------------------------------------------------------------|
| <b>Flash point (without propellant):</b> | > 200 °C                                                       |
| <b>Explosion limits : upper limit :</b>  | not applicable                                                 |
| <b>lower limit :</b>                     | not applicable                                                 |
| <b>Extinguishing media :</b>             | carbon dioxide or dry agent                                    |
| <b>Fire-fighting procedures :</b>        | Keep container(s) exposed to fire cool, by spraying with water |

## 6. ACCIDENTAL RELEASE MEASURES

|                                    |                                                                                                    |
|------------------------------------|----------------------------------------------------------------------------------------------------|
| <b>Personal precautions :</b>      | It is advisable to take precautions to avoid contact with skin and eyes when handling the product. |
| <b>Environmental precautions :</b> | Do not allow to enter public sewers and watercourses                                               |
| <b>Cleaning methods :</b>          | Remove by mechanical means                                                                         |

## 7. HANDLING AND STORAGE

|                              |                                                                                                                                                                       |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Handling procedures :</b> | The usual precautions for handling chemicals should be observed<br>It is advisable to take precautions to avoid contact with skin and eyes when handling the product. |
| <b>Storage procedures :</b>  | Store at ambient temperature<br>Keep out of reach of children.                                                                                                        |

## 8. EXPOSURE CONTROL AND PERSONAL PROTECTION

|                              |                                                                 |
|------------------------------|-----------------------------------------------------------------|
| <b>Personal protection :</b> | The usual precautions for handling chemicals should be observed |
| <b>inhalation :</b>          | Not necessary in normal use.                                    |
| <b>hands and skin :</b>      | Wear suitable protective gloves (nitrile)                       |
| <b>eyes :</b>                | Wear safety goggles.                                            |

## 9. PHYSICAL AND CHEMICAL PROPERTIES (for aerosols without propellant)

|                                     |                      |
|-------------------------------------|----------------------|
| <b>Apperance : physical state :</b> | paste                |
| <b>colour :</b>                     | brown                |
| <b>odour :</b>                      | Characteristic odour |



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|                                  |                     |
|----------------------------------|---------------------|
| <b>Boiling point/range :</b>     | not determined      |
| <b>Relative density :</b>        | 0.96 g/cm3 (@ 20°C) |
| <b>pH :</b>                      | not applicable      |
| <b>Vapour pressure :</b>         | not applicable      |
| <b>Relative vapour density :</b> | not applicable      |
| <b>Solubility in water :</b>     | Insoluble in water  |
| <b>Flash point :</b>             | > 200 °C            |
| <b>Auto-ignition :</b>           | not applicable      |
| <b>Viscosity :</b>               | not available       |
| <b>Evaporation rate :</b>        | not applicable      |

## 10. STABILITY AND REACTIVITY

|                                            |                                                               |
|--------------------------------------------|---------------------------------------------------------------|
| <b>Conditions to be avoided :</b>          | No hazardous reactions known if used for its intended purpose |
| <b>Materials to be avoided :</b>           | Strong oxidising agent                                        |
| <b>Hazardous decomposition compounds :</b> | CO,CO2<br>sulphur oxides                                      |

## 11. TOXICOLOGICAL INFORMATION

|                           |                                                                                                                   |
|---------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Skin contact :</b>     | Prolonged skin contact will result in defatting of the skin, leading to irritation, and in some cases, dermatitis |
| <b>Other information:</b> | Low hazard expected under normal conditions of use                                                                |

## 12. ECOLOGICAL INFORMATION

Do not allow to enter public sewers and watercourses

## 13. WASTE DISPOSAL

|                  |                                                                                                         |
|------------------|---------------------------------------------------------------------------------------------------------|
| <b>Product :</b> | Do not empty into drains.<br>Disposal should be in accordance with local, state or national legislation |
|------------------|---------------------------------------------------------------------------------------------------------|

## 14. TRANSPORT

|                              |                     |
|------------------------------|---------------------|
| <b>Road/Rail - ADR/RID :</b> | ---- Not classified |
| <b>Sea - IMDG :</b>          | ---- Not classified |
| <b>Air - IATA/ICAO :</b>     | ---- Not classified |



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**15. REGULATORY INFORMATION**

According to EU-directive 99/45/EC not classified

**16. OTHER INFORMATION**

This product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with any legal regulation.

The information contained herewith is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It does not guarantee any specific properties.

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**\*Explanation risk-phrases:**

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

This Material Safety Data Sheet may already have been revised at this moment for reason such as legislation, availability of components and newly acquired experiences. The latest and only valid version of this Material Safety Data Sheet will be sent to you upon simple request or can be found on our website : [www.crcind.com](http://www.crcind.com). We recommend you to register on this website for this product so you will be able to receive any future updated version automatically.