



# Standard Greases & Specialities Pvt. Ltd.

Manufacturers of Automotive Industrial Greases and Specialities

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## Material Safety Data Sheet

Commercial Name : Overhead Conductor Grease

Page: 1/7

Date :01.04.2022

Labelling (standard of EU)

Symbols : None  
R phrases : None  
S phrases : None  
TRANSPORT LABELLING : Not applicable

### 1 Substance or preparation and company identification

Product name : OVERHEAD CODUCTOR GREASE  
Commercial application : FOR CABLE APPLICATION  
Supplier : STANDARD GREASES & SPECIALITIES PVT. LTD.  
Company name : STANDARD GREASES & SPECIALITIES PVT. LTD.  
Address : 82/2, KHADOLI, SILVASSA, DADRA & NH (U.T.).  
Telephone : 25013641  
Fax/ E-mail : 2501 0384 / [standardgroup@standardgreases.co.in](mailto:standardgroup@standardgreases.co.in)  
Emergency phone numbers in India : -022- 25013641-46

### 2. Composition / information on ingredients

#### PREPARATION

Chemical nature : Petroleum –derived product made from refined oils with PCA content measured by IP 346 method is < 3 %  
Ingredients contributing to hazards : 2.0% LiOH  
Impurities contributing to Hazards : None to our knowledge, in normal use

### 3. Hazard identification

Most important hazards :  
Adverse human health effects : Under normal conditions of use, the mineral oils and ingredients used in this product present no risk of acute intoxication  
The product contains no eye or skin irritants and is not considered to be allergenic.

## Safety Data Sheet

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Commercial Name :

Page : 2/7

Date :

Environmental effects : Experiments with similar virgin products indicate little danger for aquatic or land living organisms and intrinsic biodegradability

-physical and chemical hazards : No specific risk of fire or explosion

Specific hazards : None to our knowledge, in normal use

Emergency overview : If the skin is exposed to high pressure spray, the product may enter the human organism. In all such cases the affected person must be taken to hospital, even if no sign of injury can be detected.

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#### 4. First – aid measures

IN CASE OF SERIOUS MANIFESTATIONS

CALL IN A DOCTOR OR EMERGENCY MEDICAL CARE

In case of :

-Inhalation :

In case of exposure to heavy concentration of vapour, fumes or spray, transport the person into fresh air, keep warm and allow to rest.

-Contact with the skin :

If the product comes into contact with the skin, wash the affected area immediately and repeatedly with soap and water.

If the skin is exposed to high – pressure spray, the product may enter the human organism. In all such cases the affected person must be taken to hospital, even if no sign of injury can be detected.

-Contact with the eyes :

Keep eyes open and rinse immediately and repeatedly with water for at least 15 minutes, and consult a specialist.

-Ingestion :

Generally no special treatment is necessary.

Do not induce vomiting

Instruction for the doctor :

In case of incidents, treat symptoms as required.

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#### 5. Fire- fighting measures

Flash point:

Not applicable

Fire extinguishers ;

-suitable

Foam, CO<sub>2</sub>, powder

-not suitable

Water under strong pencil like jet forbidden

Specific hazards :

Incomplete combustion and thermals is produce more or less toxic has as such as CO, CO<sub>2</sub>, various hydrocarbons, aldehydes, and soot

Firefighter protection :An insulated breathing apparatus must be worn in confined premises with heavy concentration of fumes and gases

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#### 6. Accidental release measures

Precaution for personal protection ; Hydrocarbon-proof clothing , gloves, goggles and boots should be worn, as applicable. Surfaces on which the product has been spilled may become slippery.

Precautions for environment protection : Plan the installations and take all necessary measures to prevent water and ground pollution

Set up sewer protection to reduce the risk of pollution through accidental release.

## Safety Data Sheet

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Commercial Name :

Page : 3/7

Date :

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Clean –up methods :

- Recovery : Use medical means such as pumps and skimmers  
Contain and collect the spilled product with sand or any other inert material. Do not discard into drains or sewers.
  - Disposal : Remit the soiled material to an authorized waste collector
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### 7. Handling and storage

#### HANDLING

- Technical measures :
- Prevention of user exposure

Provide adequate ventilation in case of the potential formation of vapour, mist or spray  
Keep away from flammable material; keep away from food and beverages

Prevention of fire and explosion

Product-impregnated cloths and paper or material used to mop up spills can constitute a fire hazard. Do not allow these to accumulate in a pile.

Precautions :

Discard these with all safety precautions immediately after use

Reduce the hazards by arranging and setting up machinery and equipment so as to avoid accidental spills and splashes on hot machine parts and electrical contacts.

Avoid prolonged or repeated skin contact with the product and product-stained clothing, which may lead to skin rashes and eruptions, particularly in case of open cuts or scratches. Avoid splashes and spills

If the product has been in contact with the skin, wash the affected area immediately and repeatedly with soap and water

Use no abrasives, solvents, or petroleum spirits  
Do not use cloths stained with the product to dry hands.  
If clothing becomes stained, change immediately

Do not inhale vapours, fumes or mist

Do not eat, drink or smoke while handling the product

Avoid contact with strong oxidizing agents

Use only hydrocarbon-resistant containers, joints, pipes etc.

- Safe handling advice:

#### STORAGE

- Technical measures:
- Storage conditions:
- Suitable

Not applicable

Store at room temperature, protected against contact with water and moisture, and away from any source of ignition  
Keep containers clearly labelled and closed when not in use  
Make the necessary arrangements and take all measures to prevent water and ground pollution

To be avoided

- Incompatible products:
- Packaging materials;
- Recommended

Do not store exposed to the elements

Dangerous reaction with strong oxidizing agents

Use only hydrocarbon-resistant containers, joints, pipes, etc.

Keep in original container if possible

## Safety Data Sheet

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Commercial Name :

Page : 4/7

Date :

### 8. Exposure controls / personal protection

Personal protective equipment

Hand protection ;

- Eye Protection

Skin and body protection :

Impermeable hydrocarbon –proof gloves

Goggles, in case of splashing

As required , wear a face mask, hydrocarbon –proof clothing, and safety boots ( when handling drums )

Industrial hygiene

Avoid prolonged and repeated contact with the skin

If the product comes into contact with the skin , wash the affected area immediately and repeatedly with soap and water

Use no abrasives, solvents or petroleum spirit

If the product comes into contact with the eyes , keep eyes open and rinse immediately and repeatedly with water for atleast 15 minutes, and consult a specialist

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### 9. Physical and chemical properties

Appearance:

-Physical state:

-Colour:

Odour:

PH:

Specific temperatures  
of change in state

Homogeneous

Yellow

Characteristic

Not applicable

Drop Point:

> 180° C

Flash Point of Base Oil used

> 220° C

Auto-ignition temperature

> 250 C (ASTM E 659). This temperature may be significantly lower under particular conditions (oxidation on high surface areas)

Explosion limits :

Vapour pressure:

Density :

Solubility:

-in water:

Not applicable

Negligible at normal temperature of storage, handling and use

About 900 kg./m<sup>3</sup> at 15 C

Insoluble and immiscible

- in organic solvents:

Other:

-Penetration:

Soluble in many common solvents

(60 cycles – 25 C) : (1/10 mm) under ISO 2137 NLGI 2.5 rang.

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### 10. Stability and reactivity

Stability:

Dangerous reactions :

- Conditions to avoid:

- Materials to avoid :

The product is stable under normal temperature of storage, handling and use

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Heat, sparks, ignition points, flames

Strong oxidizing agents

## Safety Data Sheet

Commercial name :

Page 5/7

Date :

Dangerous decomposition products :

Incomplete combustion and thermolysis product more or less toxic gases such as CO, CO<sub>2</sub>, various hydrocarbons, aldehydes & soot

### 11. Toxicological information

These indications are based on the toxicological Data for product constituents, evaluated in Accordance with current regulations

#### ACUTE TOXICITY

- Inhalation : Risk is improbable under normal conditions of use
- Contact with the skin : Harmless
- Ingestion : Harmless

#### LOCAL EFFECTS

- Inhalation : Risk is improbable under normal conditions of use
- Contact with the skin : Not irritating
- Ingestion : Not irritating

#### SENSITIZATION

- Contact with the skin : Not allergenic

#### CHRONIC TOXICITY OR LONG-TERM TOXICITY

- Inhalation : Risk is improbable under normal conditions of use
- Contact with the skin : Characteristic skin affections (oil blisters) may develop following prolonged and repeated exposure through contact with stained clothing .

#### SPECIFIC EFFECTS

- Carcinogenicity : Not carcinogenic  
This product is formulated from refined mineral oils and other ingredients considered to be non-carcinogenic.

### 12. Ecological information

Mobility :

- Ground : Given its physical and chemical characteristics, the product generally shows little mobility in the ground

- Water : The product is insoluble ; it floats on water

Persistence and degradability : Experimental data on the finished product are not available  
However, the "mineral oil" portion of the virgin product is intrinsically biodegradable . particular ingredients may not.

Ecotoxicity : The virgin product is considered to present to danger for land-growing organisms and little danger for aquatic life. No data are currently available for the used product.

### 13. Disposal considerations

Waste :

- Disposal : The only method authorised in India is collection by an authorised waste contractor and regeneration or incineration in an approved installation .

Used packaging :

- Disposal methods : Transmit to an authorised waste contractor for disposal

Commercial name :

Page 6/7

Date :

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**14. Transport information**

INTERNATIONAL REGULATIONS

- |                               |                |
|-------------------------------|----------------|
| - by land (railroad / road) : | Not applicable |
| - by waterway :               | Not applicable |
| - by sea :                    | Not applicable |
| - by air :                    | Not applicable |
| - UN classification number    | Not applicable |

OTHER REGULATIONS

- |           |                |
|-----------|----------------|
| - by land | Not applicable |
| - by rail | Not applicable |

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**15. Regulatory information**

- |                |      |
|----------------|------|
| - EC labelling |      |
| - Symbols      | None |
| - R Phrases    | None |
| - S Phrases    | None |

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**16. Other information**

Date of current version :

Supersedes previous Safety Data sheet of

“This Safety Data Sheet serves to complete but not to replace the technical product sheets. The information contained herein is given in good faith and is accurate to the best of our knowledge at the data indicated here above.

It is understood by the user that any use of the product for purposes other than those for which it was designed entails potential risk.

**Safety Data Sheet**

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**Commercial name :**

Page : 7/7

Date :

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The information given herein in no way dispenses the user from knowing and applying all provisions regulating his or her activity .

The user bears sole liability for the precautions required when using the product .

The regulatory texts indicated herein are intended to aid the user to fulfill his obligations. This list is not to be considered complete and exhaustive.

SIIt is the user's responsibility to ensure that he is subject to no other obligations than those mentioned .”

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**End of document .**

**Number of pages : 7**

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