



# Material Safety Data Sheet

Product: SPECIAL GREASE FOR SF COMPRESSORS

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Product code: \*

Edition: 2

Date: 04/07/2001

## 1. Identification of the substance/preparation and company

Product name: SPECIAL GREASE FOR SF COMPRESSORS  
Part number: 2892 6100 20  
Product type: lubricant grease  
Formula: proprietary mixture

Supplier: ATLAS COPCO AIRPOWER N.V.  
INDUSTRIAL AIR DIVISION  
Boomssesteenweg 957  
B-2610 WILRIJK - BELGIUM

## 2. Composition and information on ingredients

	Symbols	R phrases
> 60 % synthetic hydrocarbon oil		
< 35 % thickener (barium complex soap)	XN	22
> 5 % additive		

## 3. Hazards Identification

XN: harmful  
R phrases: 22 (harmful if swallowed)  
Not listed as a carcinogen in NTP, IARC or OSHA 1910 (z).

## 4. First Aid Measures

After inhalation: not applicable  
After contact with skin: wash off with mild cleaners and plenty of water  
After contact with eyes: rinse with plenty of water  
After ingestion: do not induce vomiting; obtain medical attention  
Advice to doctor: treat symptomatically

## 5. Fire Fighting Measures

Suitable extinguishing media: water spray, foam, dry powder, carbon dioxide (CO<sub>2</sub>)  
Unsuitable extinguishing media: high volume water jet  
Special hazards: in case of fire, the following can be released: carbon monoxide, hydrocarbons  
Special protective equipment for fire-fighters: standard procedure for chemical fires  
Additional information: water mist may be used to cool closed containers; in the event of fire, do not breathe the fumes

## 6. Accidental Release Measures

Personal precautions: not required  
Environmental precautions: do not flush into surface water or sanitary sewer system  
Methods for cleaning up/taking up: use mechanical handling equipment; dispose of absorbed material in accordance with the regulations

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## 7. Handling and storage

**Handling:** no special handling advice required  
protection against fire and explosion no special precautions required

**Storage:** no special storage conditions required; store at room temperature in the original container

**Incompatible materials:** incompatible with oxidising agents: do not store together with food

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## 8. Exposure Controls/Personal Protection

8.1 Additional advice on system design: not applicable

8.2 Ingredients and special control parameters: none

8.3 Personal protective equipment

**Respiratory protection:** no special protective equipment required

**Hand protection:** no special protective equipment required

**Eye protection:** no special protective equipment required

**Body protection:** no special protective equipment required

**Other protection measures:** no special protective equipment required

**General protection and hygiene measures:** Avoid prolonged and / or repeated contact with skin; remove soiled or soaked clothing immediately; clean skin thoroughly after work; apply skin cream

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## 9. Physical and Chemical Properties

9.1 Appearance

**Form:** paste

**Colour:** beige

**Odour:** neutral

9.2 Safety data

**Change in physical state**

**drop point:** > 240 °C (DIN ISO 2176)

**flash point (base oil):** > 230 °C (Cleveland open cup)

**flammability:** not applicable

**ignition temperature:** not applicable

**auto-flammability:** not applicable

**Explosion properties:**

**lower explosion limit:** not applicable

**higher explosion limit:** not applicable

**Density:** approx. 0.96 g/cm<sup>3</sup> (at 20 °C)

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## 10. Stability/reactivity

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Conditions to avoid: none  
Materials to avoid: strong oxidising agents  
Hazardous decomposition products: none under normal use  
additional information: none

## 11. Toxicological information

The toxicological data has been taken from products of similar composition;

Acute toxicity: LD50/oral/rat = > 2 g/kg (literature data)  
Chronic toxicity: none  
Human experience: prolonged skin contact may cause skin irritation and/or dermatitis

## 12. Ecological information

### Information on elimination (persistence and degradability):

Product is insoluble in water. May be separated out mechanically in purification plants.

### Behaviour in environmental compartments:

Ecological injuries are not known or expected under normal use.

### Eco-toxic effects:

Aquatic toxicity is unlikely due to low solubility

## 13. Disposal Considerations

**Disposal:** can be incinerated when in compliance with local, state and federal regulations

### Disposal of contaminated packaging and recommended cleaning:

Offer rinsed packaging material to local recycling facilities

## 14. Transport Information

14.1 Land transport  
GGVS/GGVE: not applicable  
14.2 Inland waterways transport  
AND/ADNR: not applicable  
14.3 Sea transport:  
IMDG code: not applicable  
14.4 Air transport  
ICAO/IATA-DGR: not applicable  
14.5 Other information:  
Not classified as dangerous in the meaning of transport regulations

## 15. Regulatory Information

### 15.1 Labelling according to EU-guidelines:

The product is classified and labelled in accordance with EC-directives on dangerous substances

**Hazards:** XN – harmful

Hazardous components to be indicated on label: barium soap

**R phrases**



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22

harmful if swallowed

**S phrases**

28

after contact with skin, wash immediately with plenty water and mild

cleaners

15.2 National regulations:

Labelling according to the Swiss regulations: no toxicological class, BAGT-no. 83029

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## 16. Other Information

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SDS history:

Edition number 2

First issued: 04/02/1998 (Ed. 1)

Disclaimer:

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only.

It should not therefore be construed as guaranteeing any specific property of the product.

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