

RSS Grease

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

1.1 Identification of the substance or preparation:

Product name: RSS Grease
Synonyms: S1172-RSS-Grease

1.2 Use of the substance/preparation:

Electrical wires and cables: filling

1.3 Company/undertaking identification:

CommScope Connectivity Belgium bvba
Diestsesteenweg 692
B-3010 Kessel-Lo
☎ +32 16 35 16 85
#ProductCompliance@commscope.com

1.4 Emergency telephone:

24h/24h:
+32 14 58 45 45 (BIG) (NL,FR,GB,DE)

2. Hazards identification

DSD/DPD

Not classified as dangerous according to the criteria of directive(s) 67/548/EEC and/or 1999/45/EC

Other hazards

On heating: irritating to respiratory system

Slightly irritant to eyes

3. Composition/information on ingredients

Name	CAS No EINECS/ELINCS	Conc.	Classification according to DSD/ DPD	Classification according to CLP	Note
highly refined base oil	8042-47-5 232-455-8	65%<C<75%			(2)
silane, dichlorodimethyl-, reaction products with silica	68611-44-9 271-893-4	<15%			(2)

(2) Substance with a Community workplace exposure limit

4. First aid measures

4.1 After inhalation:

Remove the victim into fresh air
Respiratory problems: consult a doctor/medical service

4.2 Skin contact:

Wash with water and soap
Take victim to a doctor if irritation persists

4.3 Eye contact:

Rinse with water
Take victim to an ophthalmologist if irritation persists

4.4 After ingestion:

Rinse mouth with water
Consult a doctor/medical service if you feel unwell

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5. Fire-fighting measures

5.1 Suitable extinguishing media:

- Water spray
- Alcohol-resistant foam
- ABC powder
- Carbon dioxide

5.2 Unsuitable extinguishing media:

- Solid water jet ineffective as extinguishing medium

5.3 Special exposure hazards:

- Upon combustion CO and CO₂ are formed
- On heating: release of irritant gases/vapours

5.4 Instructions:

- Take account of environmentally hazardous firefighting water
- Use water moderately and if possible collect or contain it

5.5 Special protective equipment for fire-fighters:

- Gloves
- Protective clothing
- Heat/fire exposure: compressed air/oxygen apparatus

6. Accidental release measures

6.1 Personal precautions:

- See heading 8.2

6.2 Environmental precautions:

- Contain released substance, pump into suitable containers
- Plug the leak, cut off the supply
- Dam up the solid spill
- Prevent soil and water pollution
- Prevent spreading in sewers
- See heading 13

6.3 Methods for cleaning up:

- Scoop solid spill into closing containers
- Carefully collect the spill/leftovers
- Contaminated surfaces: clean (treat) with hot water
- Wash clothing and equipment after handling

7. Handling and storage

7.1 Handling:

- Keep away from naked flames/heat
- Observe normal hygiene standards
- Do not discharge the waste into the drain

7.2 Storage:

Safe storage requirements:

- Store in a dry area
- Keep container in a well-ventilated place
- Meet the legal requirements
- Storage temperature: < 60 °C

Keep away from:

- oxidizing agents

7.3 Specific use(s):

- See information supplied by the manufacturer for the identified use(s)

8. Exposure controls/Personal protection

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8.1 Exposure limit values:

8.1.1 Occupational exposure:

If limit values are applicable and available these will be listed below.

Regulatory exposure limit (The Netherlands)

Olienevel (minerale olie)	Time-weighted average exposure limit	5 mg/m ³
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Indicative exposure limit (the Netherlands)

Stof (inhaleerbaar)	Time-weighted average exposure limit	10 mg/m ³
Stof (respirabel)	Time-weighted average exposure limit	5 mg/m ³

Limit Value (Belgium)

Olie(minerale)(nevel)	Short time value	- ppm 10 mg/m ³
	Time-weighted average exposure limit	- ppm 5 mg/m ³
Deeltjes die niet elders worden ingedeeld (inadembaar)	Short time value	- ppm - mg/m ³
	Time-weighted average exposure limit	- ppm 3 mg/m ³
Deeltjes die niet elders worden ingedeeld (inhaleerbaar)	Short time value	- ppm - mg/m ³
	Time-weighted average exposure limit	- ppm 10 mg/m ³

TLV (USA)

(Oil mist,mineral, highly refined)	Short time value	(10)(oilmist) mg/m ³
	Time-weighted average exposure limit	(5)(oilmist) mg/m ³
Particulates (insoluble or poorly soluble)(NOS)	Short time value	- mg/m ³
	Time-weighted average exposure limit	3 R/10 I mg/m ³

TRGS 900 (Germany)

Allgemeiner Staubgrenzwert (siehe auch Nummer 2.4) (Überprüf	Time-weighted average exposure limit	3 A/10 E mg/m ³
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Limit Value (France)

Poussières réputées sans effet spécifique	Short time value	- ppm - mg/m ³
	Time-weighted average exposure limit	- ppm 5 A/10 T mg/m ³

Limit Value (UK)

Dust of any kind	Short time value	- ppm - mg/m ³
	Time-weighted average exposure limit	- ppm 4 R/10 I mg/m ³

8.1.2 Sampling methods:

Product name	Test	Number	Sampling method	Remarks
Oil Mist (Mineral)	OSHA	ID 1785G		
Oil Mist (Mineral)	OSHA	ID 128		
Oil Mist (Mineral)	NIOSH	5026	filter	

8.2 Exposure controls:

8.2.1 Occupational exposure controls:

Measure the concentration in the air regularly

On heating: work under exhaust/with respiratory protection

Personal protective equipment:

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- a) Respiratory protection:
Wear gas mask with filter type A if conc. in air > exposure limit
- b) Hand protection:
Gloves
- neoprene
- nitrile rubber
- c) Eye protection:
Safety glasses
- d) Skin protection:
Protective clothing

8.2.2 Environmental exposure controls:
See headings 6.2, 6.3 and 13

9. Physical and chemical properties

9.1 General information:

Physical form	Paste
Odour	Odourless
Colour	Colourless

9.2 Important health, safety and environmental information:

Flashpoint	>130 °C
Relative density	0.9

9.3 Other information:

10. Stability and reactivity

10.1 Conditions to avoid:

Possible fire hazard

heat sources

Stability

Stable under normal conditions

10.2 Materials to avoid:

oxidizing agents

10.3 Hazardous decomposition products:

Upon combustion CO and CO₂ are formed

11. Toxicological information

11.1 Acute toxicity:

silane, dichlorodimethyl-, reaction products with silica

LD50 oral (rat)	> 5000 mg/kg
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11.2 Chronic toxicity:

Not classifiable as a human carcinogen

Not listed in mutagenicity class (EC,MAK)

Not classified as toxic to reproduction (EC)

highly refined base oil

TLV - Carcinogen	(A4)
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11.3 Acute effects/symptoms:

Inhalation:

ON HEATING:

Irritation of the respiratory tract

Skin contact:

Not irritating

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Eye contact:

Slight irritation

Ingestion:

No data available

11.4 Chronic effects:

ON CONTINUOUS/REPEATED EXPOSURE/CONTACT:

Tingling/irritation of the skin

Skin rash/inflammation

12. Ecological information

12.1 Ecotoxicity:

No (test) data on the mixture available.

12.2 Mobility:

Solubility in/reaction with water

Ground water

Literature reports: insoluble in water

Ground water pollutant

12.3 Persistence and degradability:

Contains non readily biodegradable component(s)

12.4 Bioaccumulative potential:

No bioaccumulation data available

12.5 Results of PBT assessment:

Not applicable, based on available data

12.6 Other adverse effects:

Not dangerous for the ozone layer (1999/45/EC)

13. Disposal considerations

13.1 Provisions relating to waste:

The EURAL code must be assigned by the user, preferably in consultation with the (environmental) authorities concerned.

Hazardous waste according to Directive 2008/98/EC

13.2 Disposal methods:

Recycle/reuse

Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber with energy recovery

13.3 Packaging/Container:

Waste material code packaging (Directive 2008/98/EC)

15 01 10* : packaging containing residues of or contaminated by dangerous substances

14. Transport information

ADR

Transport	Not subject
UN number	-
Class	
Packing group	
Hazard identification number	
Classification code	
Labels	
Environmentally hazardous substance mark	

RID

Transport	Not subject
UN number	-
Class	
Packing group	
Classification code	

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Labels	
Environmentally hazardous substance mark	

ADN

Transport	Not subject
UN number	-
Class	
Packing group	
Classification code	
Labels	
Environmentally hazardous substance mark	

IMO

Transport	Not subject
UN number	-
Class	
Packing group	
Labels	
Marine pollutant	
Environmentally hazardous substance mark	

ICAO

Transport	Not subject
UN number	-
Class	
Packing group	
Labels	
Environmentally hazardous substance mark	

15. Regulatory information

15.1 EU Legislation:

DSD/DPD

Not classified as dangerous in compliance with Directive 67/548/EEC and/or Directive 1999/45/EC

15.2 National provisions:

16. Other information

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The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question. Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided and cannot be held liable for any changes by third parties. This safety data sheet is only to be used within the European Union, Switzerland, Iceland, Norway and Liechtenstein. Any use outside of this area is at your own risk. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement or when this is failing the general conditions of BIG. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult the mentioned agreement/conditions for details.

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(*) = INTERNAL CLASSIFICATION (NFPA)

PBT-substances = persistent, bioaccumulative and toxic substances

DSD Dangerous Substance Directive

DPD Dangerous Preparation Directive

CLP (EU-GHS) Classification, labelling and packaging (Globally Harmonised System in Europe)

Full text of any R-phrases referred to under headings 2 and 3:

Full text of any H-statements referred to under headings 2 and 3:

Full text of any classes referred to under headings 2 and 3: