

SAFETY DATA SHEET

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Created: 8. Mar. 2012 Revision Date: 8. Mar. 2012

Date Printed: 12-03-2012

SS-1R810-FE

en

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING:

Product Name: SS-1R810-FE

PR-no:

Product Category: Semi-metallic friction pad material

Supplier:

Emergency telephone number :

Roulunds Braking ApS

Hestehaven 55
5260 Odense S

Phone No.: 63 13 47 00

Fax no.: 63 13 47 01

Responsible for the Safty Data Sheet

E-mail: sds@roulunds-braking.dk

Scope of application: Disc Brake Pad material.

2. HAZARDS IDENTIFICATION:

Main Toxicological and Ecological hazards:

No known.

General information:

No special risks are known.

3. COMPOSITION/INFORMATION ON INGREDIENTS:

Avoid to inhale dust.

Contains no free substances that are considered to be hazardous. However, when being worked with mechanically it is possible that a fine dust is formed.

Contains:

CAS number:	EC-no.:	%:	Chemical Name:	Classification:	Notificati
108-95-2	203-632-7	< 0,1%	phenol	T, Xn, C, Mut3	R34, R68, R23/24/25, Ae R48/20/21/22

4. FIRST AID MEASURES:

General information:

No direct problems with the product.

Extensive personal handling can give rise to abrasion or irritation effects.

Contact with eyes:

In case of dust in eye, flush copiously with water.

Contact with skin:

In case of dust on skin wash with soap and water.

5. FIRE-FIGHTING MEASURES:

Suitable extinguishing media:

Choose extinguishing substances suitable to the surroundings.

Special hazards:

Gaseous combustion products could irritate respiratory passages.

Special protective equipment:

Wear self-contained breathing apparatus when fire fighting.

General information:

Non-flammable material.

6. ACCIDENTAL RELEASE MEASURES:

Personal precautions:

See paragraph 8

Methods for cleaning up:

See paragraph 13

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General information:

No special requirements.

7. HANDLING AND STORAGE:**Handling:**

Avoid creating dust.
Any dust generated should be removed using a vacuum cleaner.

Storage:

Store material in a dry and well-ventilated place.
Avoid storing next to corrosive substances.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:**Respiratory Protection:**

Respiratory mask with filter P2 must be used when dust formation occurs.

Hand Protection:

Suitable gloves recommended.
Suitable types of gloves include cloth, leather or fabric gloves with nitrile palm.

Body Protection:

Use clothes to protect from dust.

General information:

Smoking and the consumption of food and drink are not permitted in work rooms.

Occupational Exposure Limits:

CAS number:	Chemical Name:	Occupational Exposure Limits:	Notification:
108-95-2	phenol	1 ppm 4 mg/m ³	H

9. PHYSICAL AND CHEMICAL PROPERTIES:

Form:	Solid
Colour:	Grey/black
Miscible with water:	No

10. STABILITY AND REACTIVITY:**Substances to avoid:**

Avoid contact with oxidising or corrosive substances.

Harzardous Decomposition Products:

Above 300°C - can give rise to carbon monoxide, hydrogen, ammonia, phenolic and aromatic/aliphatic hydrocarbons.

General information:

At room temperature - No reaction.

11. TOXICOLOGICAL INFORMATION:**General information:**

The finished product:
Acute toxicity - No acute effect.
Subacute toxicity - Not yet investigated.
Experience with humans - None determined.

phenol

LD50 Oral Rat = 317 mg/kg
LD50 Dermal Rabbit = 850 mg/kg

12. ECOLOGICAL INFORMATION:**Ecotoxicity:**

Not yet investigated.

phenol

Toxicity(fish):	Fishes: LC50 (48 h) 1,23 µmol/L
Toxicity(Water fleas):	Water fleas: EC50 (24 h) 3,08 µmol/L

Mobility:

Not yet investigated.

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Degradability:

Not yet investigated.

Accumulation:

Not yet investigated.

13. DISPOSAL CONSIDERATIONS:

General information:

Used packaging can be recycled.

Disposal considerations:

Waste material should be disposed under controlled conditions with the approval of the local authority.

14. TRANSPORT INFORMATION:

The product is not comprised by transport regulations of dangerous goods.

15. REGULATORY INFORMATION:

General information:

No regulations applicable to the finished product.

Labelling:

The product does not require a hazard warning label in accordance with EC Directives.

16. OTHER INFORMATION:

R phrases:

R34 Causes burns.

R68 Possible risk of irreversible effects.

R23/24/25 Toxic by inhalation, in contact with skin and if swallowed.

R48/20/21/22 Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.

General information:

The information given above describes the product with reference to personal and environmental protection. The product performance requirements regarding braking and frictional properties are not included.

Drawn up by: ghl

Updated by: ghl
