

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### 1.1. Product identifier

Rostschutzoel, Typ 406

#### Further trade names

14033606092

14033606093

14033606094

14033606095

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### Use of the substance/mixture

Corrosion protection additive

### 1.3. Details of the supplier of the safety data sheet

Company name: Leica Biosystems Nussloch GmbH

Street: Heidelberger Str. 17-19

Place: D Nussloch

Telephone: +49 (0)6224/143-0

Responsible Department:

Responsible for the safety data sheet: sds@gbk-ingelheim.de

### 1.4. Emergency telephone

INTERNATIONAL: +49 - (0) 6132 - 84463, GBK GmbH (24h - 7d/w - 365d/a)

#### number:

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Classification according to Directive 67/548/EEC or 1999/45/EC

This mixture is not classified as hazardous according to Directive 1999/45/EC.

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

### 2.2. Label elements

#### Special labelling of certain mixtures

EUH210 Safety data sheet available on request.

### 2.3. Other hazards

No data available.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH No		
271-781-5	Sulfonic acids, petroleum, sodium salts	1-2,4 %
68608-26-4	Xi - Irritant R36	
	Eye Irrit. 2; H319	

Full text of R-, H- and EUH-phrases: see section 16.

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

Remove contaminated soaked clothing immediately.

If threatening unconsciousness, position and transport in recovery position.

In case of breathing difficulties give oxygen.

**After inhalation**

Ensure of fresh air.

In the event of persistent symptoms receive medical treatment.

**After contact with skin**

In case of contact with skin wash off with soap and water.

Remove contaminated soaked clothing immediately.

In case of irritation consult a physician.

**After contact with eyes**

Immediately wash with copious amounts of water for at least 15 minutes.

Remove contact lens.

Summon a doctor immediately.

**After ingestion**

Do not induce vomiting.

Summon a doctor immediately.

**4.2. Most important symptoms and effects, both acute and delayed**

May cause skin and eye irritation in susceptible persons.

**4.3. Indication of any immediate medical attention and special treatment needed**

Treat symptoms.

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**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

**Suitable extinguishing media**

Foam, carbon dioxide (CO<sub>2</sub>), dry chemical, water-spray

**Unsuitable extinguishing media**

Full water jet.

**5.2. Special hazards arising from the substance or mixture**

No data available.

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus and protective suit.

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**SECTION 6: Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

High risk of slipping due to leakage/spillage of product.

**6.2. Environmental precautions**

Do not discharge into the drains or bodies of water.

Do not discharge into the subsoil/soil.

**6.3. Methods and material for containment and cleaning up**

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder).

**6.4. Reference to other sections**

Information for personal protective equipment look up chapter 8.

Information for disposal see section 13.

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**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

**Advice on safe handling**

Use personal protective clothing.

Avoid contact with skin, eyes and clothing.

When using do not eat, drink or smoke.

**Advice on protection against fire and explosion**

Keep away from sources of ignition - No smoking.

**7.2. Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels**

Protect from heat and direct solar radiation.

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### **7.3. Specific end use(s)**

No data available.

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## **SECTION 8: Exposure controls/personal protection**

### **8.1. Control parameters**

#### **Additional advice on limit values**

No data available.

### **8.2. Exposure controls**

#### **Protective and hygiene measures**

At work do not eat, drink, smoke or take drugs.

Remove and wash contaminated clothing before re-use.

#### **Eye/face protection**

Safety goggles (EN 166).

#### **Hand protection**

Chemical safety gloves made of butyl or nitrile rubber of category III according to EN 374.

Glove material must be impermeable and resistant against product / substance / preparation. Gloves material should comply with breakthrough times, permeation rates, and degradation.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

#### **Respiratory protection**

Breathing apparatus in the event of aerosol or mist formation.

#### **Environmental exposure controls**

Handle in accordance with good industrial hygiene and safety practices.

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## **SECTION 9: Physical and chemical properties**

### **9.1. Information on basic physical and chemical properties**

Physical state:	Liquid
Colour:	Light brown
Odour:	characteristic

pH-Value:	n.a.
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#### **Changes in the physical state**

Melting point:	n.a.
Initial boiling point and boiling range:	n.a.
Flash point:	185 °C
Lower explosion limits:	n.a.
Upper explosion limits:	n.a.
Density (at 15 °C):	0,90 g/cm <sup>3</sup>
Water solubility:	insoluble
Viscosity / kinematic: (at 40 °C)	29 mm <sup>2</sup> /s

### **9.2. Other information**

No data available.

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## **SECTION 10: Stability and reactivity**

### **10.1. Reactivity**

No data available.

### **10.2. Chemical stability**

Chemically stable.

### **10.3. Possibility of hazardous reactions**

Stable under normal conditions.

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#### **10.4. Conditions to avoid**

Protect containers from heat / overheating.

Protect from contamination.

#### **10.5. Incompatible materials**

Strong acid

Strong oxidizing agents.

Strong bases.

#### **10.6. Hazardous decomposition products**

To avoid thermal decomposition, do not overheat.

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### **SECTION 11: Toxicological information**

#### **11.1. Information on toxicological effects**

##### **Acute toxicity**

Based on available data, the classification criteria are not met.

##### **Irritation and corrosivity**

Based on available data, the classification criteria are not met.

##### **Sensitising effects**

Based on available data, the classification criteria are not met.

##### **STOT-single exposure**

Based on available data, the classification criteria are not met.

##### **Severe effects after repeated or prolonged exposure**

Based on available data, the classification criteria are not met.

##### **Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

##### **Aspiration hazard**

Based on available data, the classification criteria are not met.

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### **SECTION 12: Ecological information**

#### **12.1. Toxicity**

No data available.

#### **12.2. Persistence and degradability**

No data available.

#### **12.3. Bioaccumulative potential**

No data available.

#### **12.4. Mobility in soil**

No data available.

#### **12.5. Results of PBT and vPvB assessment**

No data available.

#### **12.6. Other adverse effects**

No data available.

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### **SECTION 13: Disposal considerations**

#### **13.1. Waste treatment methods**

##### **Advice on disposal**

Disposal in accordance with local regulations.

##### **Waste disposal number of waste from residues/unused products**

120107 WASTES FROM SHAPING AND PHYSICAL AND MECHANICAL SURFACE TREATMENT OF METALS AND PLASTICS; wastes from shaping and physical and mechanical surface treatment of metals and plastics; mineral-based machining oils free of halogens (except emulsions and solutions)  
Classified as hazardous waste.

##### **Contaminated packaging**

Dispose of this material and its container to hazardous or special waste collection point

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## SECTION 14: Transport information

### Land transport (ADR/RID); Marine transport (IMDG); Air transport (ICAO); Inland waterways transport (ADN)

#### **14.1. UN number:**

No hazardous material as defined by the transport regulations.

#### **14.2. UN proper shipping name:**

No hazardous material as defined by the transport regulations.

#### **14.3. Transport hazard class(es):**

No hazardous material as defined by the transport regulations.

#### **14.4. Packing group:**

No hazardous material as defined by the transport regulations.

#### **14.5. Environmental hazards**

No hazardous material as defined by the transport regulations.

#### **14.6. Special precautions for user**

No hazardous material as defined by the transport regulations.

#### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

No hazardous material as defined by the transport regulations.

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## SECTION 15: Regulatory information

### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

#### **National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

#### **15.2. Chemical safety assessment**

Chemical safety assessments for substances in this mixture were not carried out.

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## SECTION 16: Other information

### **Changes**

Changes in chapter: -

### **Abbreviations and acronyms**

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route

RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses

ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure

IMDG = International Maritime Code for Dangerous Goods

IATA/ICAO = International Air Transport Association / International Civil Aviation Organization

MARPOL = International Convention for the Prevention of Pollution from Ships

DOT = Department of Transportation

TDG = Transport of Dangerous Goods

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

REACH = Registration, Evaluation, Authorization and Restriction of Chemicals

CAS = Chemical Abstract Service

EN = European norm

ISO = International Organization for Standardization

DIN = Deutsche Industrie Norm

PBT = Persistent Bioaccumulative and Toxic

vPvB = Very Persistent and very Bio-accumulative

LD = Lethal dose

LC = Lethal concentration

EC = Effect concentration

IC = Median immobilisation concentration or median inhibitory concentration

### **Relevant R-phrases (Number and full text)**

36 Irritating to eyes.

### **Relevant H- and EUH-phrases (Number and full text)**

H319 Causes serious eye irritation.

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**Safety Data Sheet** according to Regulation (EC) No 1907/2006

Leica Biosystems Nussloch GmbH

Revision date: 23.04.2015

Revision No: 1,0

**Rostschutzol, Typ 406**

10695-0019

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EUH210

Safety data sheet available on request.

**Further Information**

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)

Concawe Report 5/87 Health Aspects of Lubricants DGMK-Bericht 400-7.

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*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*