

## Section 1 - Identification of the substance/mixture and of the company

### 1.1 Product identifier

Product Name : Rosin Flux

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

Identified uses : Laboratory chemicals, Manufacture of substances

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

Details of the Supplier : Premier Farnell plc  
150 Armley Road  
Leeds  
LS12 2QQ  
+44 (0) 8701 202530

Emergency Telephone : +44 1865 407333

## Section 2 - Composition/information on ingredients

Information about the chemical nature of product:

Common chemical name General name	CAS number	Concentration / Concentration range
Fatty acid	91050-89-4	<0.1%
methyl abietate	127-25-3	<0.1%
Rosin	8050-09-7	≥99.98 %
Ash	-	<0.1%

## Section 3 - Hazards identification

### Classification of the substance or mixture

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

This substance is not classified as dangerous according to Directive 67/548/EEC.

### Label elements

The product does not need to be labelled in accordance with EC directives or respective national laws.

### Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## Section 4 - Emergency measures

### 4.1 Description of first aid measures

#### If Eyes

Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

#### If Skin

No data available

#### If Inhalation

No data available

#### If Ingestion

Give at least 2 glasses of milk or water. Induce vomiting unless patient is unconscious. Get medical aid.

## 4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labelling (see section 3) and/or in section 11

## 4.3 Indication of any immediate medical attention and special treatment needed

No data available

## Section 5 - Fire protection measures

Hazardous characteristics : N/A

Harmful combustion products : N/A

Fire extinguishing methods : Fire fighters must wear gas masks, wear uniforms, in the wind to the fire. As far as possible the containers from fire to open. Water spray to keep fire cooling container, until the end of the fire. If the containers in the fireground have discoloration or generate sound from the safety relief devices, must be immediately evacuated. Extinguishing agent: fog water, foam, dry powder, carbon dioxide, sand.

## Section 6 - Accidental release measures

### Personal precautions, protective equipment and emergency procedures

Avoid breathing vapours, mist or gas.

For personal protection see section 8.

### Environmental precautions

No special environmental precautions required.

### Methods and materials for containment and cleaning up

Keep in suitable, closed containers for disposal.

## Section 7 - Handling and storage

### Precautions for safe handling

For precautions see section 3.

### Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

### Specific end use(s)

Apart from the uses mentioned in no other specific uses are stipulated

## Section 8 - Exposure controls, personal protection

### Exposure controls

Appropriate engineering controls, General industrial hygiene practice.

### Personal protective equipment

#### Eye/face protection

No special environmental precautions required.

#### Skin protection

No special environmental precautions required.

#### Body Protection

No special environmental precautions required.

## Respiratory protection

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

## Control of environmental exposure

No special environmental precautions required.

## Section 9 - Physical and chemical properties

### Appearance

Physical state	: Solid
Form	: Rosin Flux
Odor	: Tasteless
Melting point/freezing point	: N/A
Initial boiling point and boiling range	: N/A
Flash point	: N/A
Vapour pressure	: N/A
Relative density	: N/A
Auto-ignition temperature	: N/A
Viscosity	: N/A

## Section 10 - Stability and reactivity

Reactivity	: No data available
Chemical stability	: Stable under recommended storage conditions.
Possibility of hazardous reactions	: No data available
Conditions to avoid	: No data available
Incompatible materials	: Strong oxidizing agents

### Hazardous decomposition products

Other decomposition products	- No data available
In the event of fire	: see section 5

## Section 11 - Toxicological information

### Carcinogenicity

IARC	: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
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### Reproductive toxicity

No data available

### Specific target organ toxicity - single exposure

No data available

### Specific target organ toxicity - repeated exposure

No data available

### Aspiration hazard

No data available

## Additional Information

Repeated dose toxicity - Rat - female - Oral - No observed adverse effect level - 1.600 mg/kg -

Lowest observed adverse effect level - 160 mg/kg

RTECS: PY8047000

Aspiration may lead to: lipid pneumonia, Effects due to ingestion may include: laxative effect, Gastrointestinal disturbance, To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated. Eczema can cause dermatitis. Prolonged exposure can cause corneal opacity, anemia and leukocytosis.

## Section 12 - Ecological information

### Toxicity

Toxicity to fish : static test LC50 - Oncorhynchus mykiss (rainbow trout) - > 100 mg/l - 96 h

Toxicity to daphnia and other aquatic invertebrates : static test LC50 - Daphnia magna (Water flea) - > 100 mg/l - 48 h

### Persistence and degradability

No data available

### Bioaccumulative potential

No data available

### Mobility in soil

No data available

### Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

### Other adverse effects

No data available

## Section 13 - Disposal Considerations

Waste treatment methods

Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

## Section 14 - Transportation information

### UN proper shipping name

ADR/RID : Not dangerous goods

IMDG : Not dangerous goods

IATA : Not dangerous goods

### Environmental hazards

ADR/RID : no

IMDG Marine pollutant : no

IATA : no

### Special precautions for user

No data available

## Section 15 - Regulatory information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

Safety, health and environmental regulations/legislation specific for the substance or mixture

No data available

Chemical Safety Assessment

For this product a chemical safety assessment was not carried out

## Section 16 - Other information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

<b>Part Number</b>
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MP740662
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