

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name**

Junckers Rustic Oil

**Product no.**

550-576

**REACH registration number**

Not applicable

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

**Relevant identified uses of the substance or mixture**

Oil treatment of wood

**Uses advised against**

-

The full text of any mentioned and identified use categories are given in section 16

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

**Company and address**

Junckers Industrier A/S

Vaerftsvej 4

4600 Koege

Denmark

Tel. +45 70 80 30 00

**Contact person****E-mail**

productsafety@junckers.dk

**SDS date**

2020-03-20

**SDS Version**

7.0

### 1.4. Emergency telephone number

Contact The National Poisons Information Service (dial 111, 24 h service).

See section 4 "First aid measures".

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Not classified according to Regulation (EC) No. 1272/2008 (CLP)

### 2.2. Label elements

**Hazard pictogram(s)**

Not applicable

**Signal word**

-

**Hazard statement(s)**

Not applicable

**Precautionary statements**

General -

Prevention -

Response -

Storage -

Disposal -

According to EC-Regulation 2015/830

### Identity of the substances primarily responsible for the major health hazards

Not applicable

### Additional labelling

Repeated exposure may cause skin dryness or cracking. (EUH066)  
 Contains Phthalic anhydride. May produce an allergic reaction. (EUH208)  
 Safety data sheet available on request. (EUH210)

### Unique formula identifier (UFI)

-

### ▼ 2.3. Other hazards

This product contains teratogenic substances, which may cause long-term adverse effects to the unborn foetus.

This product contains an organic solvent. Repeated or prolonged exposure to organic solvents may result in adverse effects to the nervous system and internal organs such as liver and kidneys.

### Additional warnings

Not applicable

### ▼ VOC (volatile organic compound)

VOC-Max: 480 g/l, MAXIMUM VOC CONTENT (A/i (SB)): 500 g/l.

## SECTION 3: Composition/information on ingredients

### ▼ 3.1/3.2. Substances/Mixtures

NAME:	Hydrocarbons, C12-C15, n-alkanes, isoalkanes, < 2 % aromatics
IDENTIFICATION NOS.:	EC-no: 940-727-9
CONTENT:	20-35%
CLP CLASSIFICATION:	Asp. Tox. 1 H304, EUH066
NOTE:	O
NAME:	Hydrocarbons, C11-C12, isoalkanes, < 2 % aromatics
IDENTIFICATION NOS.:	EC-no: 918-167-1 REACH-no: 01-2119472146-39
CONTENT:	5-15%
CLP CLASSIFICATION:	Flam. Liq. 3, Asp. Tox. 1, Aquatic Chronic 4 H226, H304, H413, EUH066
NOTE:	O
NAME:	Hydrocarbons, C11-C13, isoalkanes, < 2 % aromatics
IDENTIFICATION NOS.:	EC-no: 920-901-0 REACH-no: 01-2119456810-40
CONTENT:	2.5-<5%
CLP CLASSIFICATION:	Asp. Tox. 1 H304, EUH066
NOTE:	O
NAME:	Hydrocarbons, C11-C14, isoalkanes, cyclics, < 2 % aromatics
IDENTIFICATION NOS.:	EC-no: 927-285-2 REACH-no: 01-2119480162-45
CONTENT:	2.5-<5%
CLP CLASSIFICATION:	Asp. Tox. 1 H304, EUH066
NOTE:	O
NAME:	Phthalic anhydride
IDENTIFICATION NOS.:	CAS-no: 85-44-9 EC-no: 201-607-5 Index-no: 607-009-00-4
CONTENT:	<0.15%
CLP CLASSIFICATION:	Acute Tox. 4, Skin Irrit. 2, Skin Sens. 1, Eye Dam. 1, Resp. Sens. 1, STOT SE 3 H302, H315, H317, H318, H334, H335
NAME:	2-Ethylhexanoic acid, manganese salt
IDENTIFICATION NOS.:	CAS-no: 15956-58-8 EC-no: 240-085-3 REACH-no: 01-2119979087-23
CONTENT:	<0.15%
CLP CLASSIFICATION:	Eye Irrit. 2, Repr. 2, STOT RE 2, Aquatic Chronic 2 H319, H361d, H373, H411

(\*) See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

O = Organic solvent

### Other information

ATEmix(inhale, vapour) > 20

According to EC-Regulation 2015/830

ATEmix(dermal) > 2000  
ATEmix(oral) > 2000  
N chronic (CAT 4) Sum =  $\text{Sum}(C_i / (M(\text{chronic})^i * 25) * 0.1 * 10^{\text{CAT}4}) = 0,3624 - 0,5436$

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

In the case of accident: Contact a doctor or casualty department – take the label or this safety data sheet. The doctor can contact The National Poisons Information Service: Dial 0344 892 0111 (24 h service). Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

#### Inhalation

Bring the person into fresh air and stay with him/her.

#### Skin contact

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with soap and water. Skin cleanser can be used. DO NOT use solvents or thinners.

#### Eye contact

Remove contact lenses. Flush eyes immediately with plenty of water or isotonic water (20-30 °C) for at least 15 minutes and continue until irritation stops. Make sure to flush under the upper and lower eyelids. If irritation continues, contact a doctor. Continue flushing during transport.

#### Ingestion

Provide plenty of water for the person to drink and stay with him/her. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the victim lean forward with head down to avoid inhalation of- or choking on vomited material.

#### Burns

Not applicable

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

This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms include headache, dizziness, tingling sensations of skin, difficulty in concentrating, tiredness. This product contains substances that may trigger an allergic reaction to predisposed persons. Sensitisation: This product contains substances, which may produce an allergic reaction through inhalation. The allergic reaction is typically taking place within an hour subsequent to exposure. The reaction results in an inflammatory reaction to the lungs.

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

Nothing special

#### Information to medics

Bring this safety data sheet.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

Recommended: Alcohol-resistant foam, carbonic acid, powder, water mist. Waterjets should not be used, since they can spread the fire.

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

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous catabolic substances are produced. These are: Carbon oxides. Fire will result in dense black smoke. Exposure to combustion products may harm your health. Fire fighters should wear appropriate protection equipment. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact The National Poisons Information Service (dial 111, 24 h service) in order to obtain further advice.

## SECTION 6: Accidental release measures

According to EC-Regulation 2015/830

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

No specific requirements.

### 6.2. Environmental precautions

No specific requirements.

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

Use sand, sawdust, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials and place in container for disposal, according to local regulations. To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

### 6.4. Reference to other sections

See section on "Disposal considerations" in regard of handling of waste. See section on 'Exposure controls/personal protection' for protective measures.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

See section on 'Exposure controls/personal protection' for information on personal protection.

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

Always store in containers of the same material as the original container.

#### ▼ Storage temperature

No data available.

### 7.3. Specific end use(s)

This product should only be used for applications quoted in section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### ▼ OEL

Phthalic anhydride

Long-term exposure limit (8-hour TWA reference period): - ppm | 4 mg/m<sup>3</sup>

Short-term exposure limit (15-minute reference period): - ppm | 12 mg/m<sup>3</sup>

Comments: Sen (Sen = Capable of causing respiratory sensitisation.)

Hydrocarbons, C11-C14, isoalkanes, cyclics, < 2 % aromatics

Long-term exposure limit (8-hour TWA reference period): - ppm | 1000 mg/m<sup>3</sup>

Short-term exposure limit (15-minute reference period): - ppm | - mg/m<sup>3</sup>

Hydrocarbons, C11-C13, isoalkanes, < 2 % aromatics

Long-term exposure limit (8-hour TWA reference period): - ppm | 1000 mg/m<sup>3</sup>

Short-term exposure limit (15-minute reference period): - ppm | - mg/m<sup>3</sup>

Hydrocarbons, C11-C12, isoalkanes, < 2 % aromatics

Long-term exposure limit (8-hour TWA reference period): - ppm | 1000 mg/m<sup>3</sup>

Short-term exposure limit (15-minute reference period): - ppm | - mg/m<sup>3</sup>

Hydrocarbons, C12-C15, n-alkanes, isoalkanes, < 2 % aromatic...

Long-term exposure limit (8-hour TWA reference period): - ppm | 1000 mg/m<sup>3</sup>

Short-term exposure limit (15-minute reference period): - ppm | - mg/m<sup>3</sup>

#### ▼ DNEL / PNEC

DNEL (2-Ethylhexanoic acid, manganese salt): 32 mg/m<sup>3</sup>

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - Workers

DNEL (2-Ethylhexanoic acid, manganese salt): 5,91 mg/kg bw/day

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - Workers

DNEL (2-Ethylhexanoic acid, manganese salt): 8 mg/m<sup>3</sup>

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - General population

DNEL (2-Ethylhexanoic acid, manganese salt): 2,96 mg/kg bw/day

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - General population

According to EC-Regulation 2015/830

DNEL (2-Ethylhexanoic acid, manganese salt): 2,5 mg/kg bw/day  
 Exposure: Oral  
 Duration of Exposure: Long term – Systemic effects - General population

## 8.2. Exposure controls

Compliance with the accepted occupational exposure limits values should be controlled on a regular basis.

### General recommendations

Smoking, eating and drinking are not allowed in the work premises

### Exposure scenarios

In the event exposure scenarios are appended to the safety data sheet, the operational conditions and risk management measures in these shall be complied with.

### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures

Airborne gas and dust concentrations must be kept at a minimum and below current limit values (see above). Installation of an exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure emergency eyewash and -showers are clearly marked.

### Hygiene measures

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

### Measures to avoid environmental exposure

No specific requirements.

### Individual protection measures, such as personal protective equipment



#### Generally

Use only CE marked protective equipment.

#### Respiratory Equipment

In case of insufficient ventilation: Use respiratory equipment with gas filter type A.

#### Skin protection

Wear appropriate protection clothing, e.g. coveralls in polypropylene approved type 6 and Category III.

#### Hand protection

Nitrile rubber

#### Eye protection

Wear safety glasses with side shields.

## SECTION 9: Physical and chemical properties

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

Form	Liquid
Colour	Various colours
Odour	Mild
Odour threshold (ppm)	No data available.
pH	No data available.
Viscosity (40°C)	25-65 mm <sup>2</sup> /s
Density (g/cm <sup>3</sup> )	0,88-0,99

#### Phase changes

Melting point (°C)	No data available.
Boiling point (°C)	No data available.
Vapour pressure	No data available.
Decomposition temperature (°C)	No data available.
Evaporation rate (n-butylacetate = 100)	No data available.

#### Data on fire and explosion hazards

Flash point (°C)	> 60
Ignition (°C)	No data available.

According to EC-Regulation 2015/830

Auto flammability (°C)	No data available.
Explosion limits (% v/v)	No data available.
Explosive properties	No data available.
<b>Solubility</b>	
Solubility in water	Insoluble
n-octanol/water coefficient	No data available.
<b>9.2. Other information</b>	
Solubility in fat (g/L)	No data available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

The product is stable under the conditions, noted in the section "Handling and storage".

### 10.3. Possibility of hazardous reactions

Nothing special

### 10.4. Conditions to avoid

Nothing special

### 10.5. Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

### 10.6. Hazardous decomposition products

The product is not degraded when used as specified in section 1.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Substance: Phthalic anhydride

Species: Rat

Test: LD50

Route of exposure: Oral

Result: 1530 mg/kg

#### ▼ Skin corrosion/irritation

No data available.

#### ▼ Serious eye damage/irritation

No data available.

#### ▼ Respiratory or skin sensitisation

This product contains substances that may trigger an allergic reaction to predisposed persons.

Sensitisation: This product contains substances, which may produce an allergic reaction through inhalation.

The allergic reaction is typically taking place within an hour subsequent to exposure. The reaction results in an inflammatory reaction to the lungs.

#### ▼ Germ cell mutagenicity

No data available.

#### ▼ Carcinogenicity

No data available.

#### ▼ Reproductive toxicity

No data available.

#### ▼ STOT-single exposure

No data available.

#### ▼ STOT-repeated exposure

No data available.

#### Aspiration hazard

No data available.

#### ▼ Long term effects

Reproductive toxicity: This product contains teratogenic substances, which may produce anomalies and/or developmental defects to the human offspring. Adverse effects include death, growth retardation, congenital disorders, delayed mental development, and functional disorders.

According to EC-Regulation 2015/830

This product contains organic solvents, which may cause adverse effects to the nervous system. Symptoms include headache, dizziness, tingling sensations of skin, difficulty in concentrating, tiredness.

## SECTION 12: Ecological information

### ▼ 12.1. Toxicity

No data available.

### ▼ 12.2. Persistence and degradability

Substance	Biodegradability	Test	Result
Phthalic anhydride	Yes	Modified MITI Test	85 %
Hydrocarbons, C11-C14, isoalka...	Yes	Manometric Resp. Test	77,6 %
Hydrocarbons, C11-C13, isoalka...	No	Manometric Resp. Test	31,3 %
Hydrocarbons, C11-C12, isoalka...	No	Manometric Resp. Test	31,3 %
Hydrocarbons, C12-C15, n-alkan...	Yes	Manometric Resp. Test	71 %

### ▼ 12.3. Bioaccumulative potential

Substance	Potential bioaccumulation	LogPow	BCF
Phthalic anhydride	No	1,6	3,4

### ▼ 12.4. Mobility in soil

Phthalic anhydride: Log Koc= 1,34544, Calculated from LogPow (High mobility potential.).

### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

### ▼ 12.6. Other adverse effects

This product contains substances that are toxic to the environment. May result in adverse effects to aquatic organisms.

This product contains substances, which may cause adverse long-term effects to the aquatic environment.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Product is not covered by regulations on dangerous waste.

#### ▼ Waste

EWC code

08 01 12

waste paint and varnish other than those mentioned in 08 01 11

#### Specific labelling

Not applicable

#### Contaminated packing

No specific requirements.

## SECTION 14: Transport information

### 14.1 – 14.4

Not dangerous goods according to ADR, IATA and IMDG.

#### ADR/RID

14.1. UN number -

14.2. UN proper shipping name -

14.3. Transport hazard class(es) -

14.4. Packing group -

Notes -

Tunnel restriction code -

#### IMDG

UN-no. -

Proper Shipping Name -

Class -

PG\* -

EmS -

MP\*\* -

According to EC-Regulation 2015/830

<b>Hazardous constituent</b>	-
<b>IATA/CAO</b>	
<b>UN-no.</b>	-
<b>Proper Shipping Name</b>	-
<b>Class</b>	-
<b>PG*</b>	-

#### 14.5. Environmental hazards

-

#### 14.6. Special precautions for user

-

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available

(\*) Packing group

(\*\*) Marine pollutant

## SECTION 15: Regulatory information

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

#### ▼ Restrictions for application

Pregnant women and women breastfeeding must not be exposed to this product. The risk, and possible technical precautions or design of the workplace needed to eliminate exposure, must be considered.

#### Demands for specific education

-

#### Additional information

Not applicable

#### Seveso

-

#### Biocidal reg. no.

Not applicable

#### Sources

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.  
 Directive 2004/42/CE of the European Parliament and of the Council of 21 April 2004 on the limitation of emissions of volatile organic compounds due to the use of organic solvents in certain paints and varnishes and vehicle refinishing products and amending Directive 1999/13/EC.  
 The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677. The Stationery Office, 2002.  
 Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (CLP).  
 Regulation (EC) 1907/2006 (REACH).

### 15.2. Chemical safety assessment

No

## SECTION 16: Other information

#### ▼ Full text of H-phrases as mentioned in section 3

H226 - Flammable liquid and vapour.  
 H302 - Harmful if swallowed.  
 H304 - May be fatal if swallowed and enters airways.  
 H315 - Causes skin irritation.  
 H317 - May cause an allergic skin reaction.  
 H318 - Causes serious eye damage.  
 H319 - Causes serious eye irritation.  
 H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.



According to EC-Regulation 2015/830

H335 - May cause respiratory irritation.

H373 - May cause damage to organs through prolonged or repeated exposure $\alpha$ .

H411 - Toxic to aquatic life with long lasting effects.

H413 - May cause long lasting harmful effects to aquatic life.

EUH066 - Repeated exposure may cause skin dryness or cracking.

H361d - Suspected of damaging the unborn child.

**The full text of identified uses as mentioned in section 1**

-

**Additional label elements**

Not applicable

**Other**

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

**The safety data sheet is validated by**

ULS

**Date of last essential change**

**(First cipher in SDS version)**

2019-02-28(6.0)

**Date of last minor change**

**(Last cipher in SDS version)**

2019-02-28