

SAFETY DATA SHEET

Junckers ProTech

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

1.1. Product identifier

Trade name

Junckers ProTech

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

Relevant identified uses of the substance or mixture

Lacquering of wooden floors.

Uses advised against

No special.

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

E-mail

productsafety@junckers.dk

Revision

30/05/2022

SDS Version

2.0

Date of previous version

26/04/2022 (1.0)

1.4. Emergency telephone number

National Poisons Information Service (NPIS): Call 111 (24 h service).

See section 4 for first aid measures.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Flam. Liq. 3; H226, Flammable liquid and vapour.

STOT SE 3; H336, May cause drowsiness or dizziness.

2.2. Label elements

Hazard pictogram(s)



Signal word

Warning

Hazard statement(s)

Flammable liquid and vapour. (H226)

May cause drowsiness or dizziness. (H336)

Safety statement(s)

General

-

Prevention

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210)
Avoid breathing mist/vapour. (P261)

Response

Call a POISON CENTER/doctor if you feel unwell. (P312)

Storage

Store in a well-ventilated place. Keep container tightly closed. (P403+P233)

Disposal

-

Hazardous substances

Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics

2.3. Other hazards

Additional labelling

EUH066, Repeated exposure may cause skin dryness or cracking.

Additional warnings

Cloths etc. used to apply the product can self-ignite. Place used cloths in an airtight and non-flammable container (e.g. a jam jar or a metal can with a lid). Dispose of in accordance with national waste regulations.

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

VOC

VOC content: ≤ 465 g/L

MAXIMUM VOC CONTENT (Phase II, category A/i (SB): 500 g/L)

SECTION 3: Composition/information on ingredients

▼ 3.2 Mixtures

Product/substance	Identifiers	% w/w	Classification	Note
Hydrocarbons, C11-C12, isoalkanes, < 2 % aromatics	CAS No.: EC No.: 918-167-1 REACH: 01-2119472146-39 Index No.:	20-30%	EUH066 Flam. Liq. 3, H226 Asp. Tox. 1, H304	
Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics	CAS No.: EC No.: 919-857-5 REACH: 01-2119463258-33 Index No.:	15-25%	EUH066 Flam. Liq. 3, H226 Asp. Tox. 1, H304 STOT SE 3, H336	

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

Other information

No special.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

In the case of accident: Contact a doctor or a casualty ward - bring along the label or this safety data sheet.
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

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

Skin contact

IF ON SKIN: Wash with plenty of water and soap.

Remove contaminated clothing and shoes. Ensure to wash exposed skin thoroughly with water and soap. DO NOT use solvents or thinners.

If skin irritation occurs: Get medical advice/attention.

Eye contact

Upon irritation of the eye: Remove contact lenses and open eyes widely. Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Seek medical assistance and 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 person lean forward with head down to avoid inhalation of or choking on vomited material.

Burns

Rinse with water until pain stops then continue to rinse for 30 minutes.

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

No special.

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

Call a POISON CENTER/doctor if you feel unwell.

Information to medics

Bring this safety data sheet or the product label.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

5.2. Special hazards arising from the substance or mixture

Fire will result in dense smoke. Exposure to combustion products may harm your health. 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.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO₂)

▼ 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 (call 111, 24 h service) in order to obtain further advice.



Hazchem Code: ●3Y

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.

Avoid inhalation of vapours from spilled material.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers etc.

6.3. Methods and material for containment and cleaning up

Use sand, sawdust, soil, vermiculite or similar to collect liquid material. Subsequently, place in a suitable waste container.

To the extent possible cleaning is performed with normal cleaning agents. Avoid use of solvents.

6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Ground and bond container and receiving equipment.

Use explosion-proof [electrical/lighting/ventilating] equipment.

Use non-sparking tools.

Take action to prevent static discharges.

Cloths etc. used to apply the product can self-ignite. Place used cloths in an airtight and non-flammable container.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

7.2. Conditions for safe storage, including any incompatibilities

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

Take action to prevent static discharges.

Must be stored in a cool and well-ventilated area, away from possible sources of ignition.

Recommended storage material

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

Storage temperature

Store in cool, dry conditions in well sealed receptacles.

Incompatible materials

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

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

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Hydrocarbons, C11-C12, isoalkanes, < 2 % aromatics
Long term exposure limit (8 hours) (mg/m³): 1000 (RCP)

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Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics
Long term exposure limit (8 hours) (mg/m³): 1000 (RCP)

The Control of Substances Hazardous to Health Regulations 2002. SI 2002/2677 The Stationery Office 2002.
EH40/2005 Workplace exposure limits (Fourth Edition 2020).

RCP limit values for hydrocarbons from Hydrocarbon Solvents Producers Association, HCS key data, 23.07.2018.

DNEL

No data available.

PNEC

No data available.

8.2. Exposure controls

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

General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

Exposure scenarios

There are no exposure scenarios implemented for this product.

Exposure limits

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

Appropriate technical measures

Compiled in accordance with REACH Regulation (EC) No 1907/2006, as retained and amended in UK law

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system is recommended if normal air flow in the work room is not sufficient. Ensure eyewash and emergency 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 UKCA marked protective equipment.


Respiratory Equipment

Work situation	Type	Class	Colour	Standards	
	Gas filter A	2 (medium capacity)	Brown	EN14387	
In case of spray application	Self contained breathing apparatus			EN137, EN139	


Skin protection

Work situation	Recommended	Type/Category	Standards	
	Dedicated work clothing should be worn	-	-	
In case of spray application	Protective suit with hood	-	-	

Hand protection

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Nitrile	0,4	> 480	EN374-2, EN374-3, EN388	

Eye protection

Type	Standards	
Safety glasses with side shields	EN166	

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Liquid

Colour

Tan

Odour / Odour threshold

Hydrocarbons

pH

Testing not relevant or not possible due to the nature of the product.

Density (g/cm³)

0,87-0,89

Kinematic viscosity

> 20,5 mm²/s (40 °C)

Particle characteristics

Does not apply to liquids.

Phase changes

Melting point/Freezing point (°C)

Testing not relevant or not possible due to the nature of the product.

Softening point/range (waxes and pastes) (°C)

Does not apply to liquids.

Boiling point (°C)

Testing not relevant or not possible due to the nature of the product.

Vapour pressure

Testing not relevant or not possible due to the nature of the product.

Relative vapour density

Testing not relevant or not possible due to the nature of the product.

Decomposition temperature (°C)

Testing not relevant or not possible due to the nature of the product.

Data on fire and explosion hazards

Flash point (°C)

40

Ignition (°C)

Testing not relevant or not possible due to the nature of the product.

Auto flammability (°C)

Testing not relevant or not possible due to the nature of the product.

Lower and upper explosion limit (% v/v)

Testing not relevant or not possible due to the nature of the product.

Solubility

Solubility in water

Insoluble

n-octanol/water coefficient

Testing not relevant or not possible due to the nature of the product.

Solubility in fat (g/L)

Testing not relevant or not possible due to the nature of the product.

9.2. Other information

VOC (g/l)

≤ 465

Other physical and chemical parameters

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 section 7 "Handling and storage".

10.3. Possibility of hazardous reactions

No special.

10.4. Conditions to avoid

Avoid static electricity.

Do not expose to heating (e.g. solar radiation) as overpressure may develop.

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 hazard classes as defined in Regulation (EC) No 1272/2008 as retained and amended in UK law

Acute toxicity

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

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Respiratory sensitisation

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

Skin sensitisation

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

Germ cell mutagenicity

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

Carcinogenicity

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

Reproductive toxicity

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

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

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

Aspiration hazard

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

11.2 Information on other hazards

Long term effects

No special.

Endocrine disrupting properties

No special.

Other information

No special.

SECTION 12: Ecological information

12.1. Toxicity

No data available.

12.2. Persistence and degradability

Product/substance	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics
Biodegradable	Yes
Test method	OECD 301 F
Result	> 60 %

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

Compiled in accordance with REACH Regulation (EC) No 1907/2006, as retained and amended in UK law

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. Endocrine disrupting properties

No special.

12.7. Other adverse effects

No special.

SECTION 13: Disposal considerations

▼ 13.1. Waste treatment methods

Product is covered by the regulations on hazardous waste.

HP 3 - Flammable

Dispose of contents/container to an approved waste disposal plant.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

EWC code

08 01 11* Waste paint and varnish containing organic solvents or other dangerous substances




Specific labelling

Not applicable.

Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information
ADR	UN1263	PAINT	Class: 3 Labels: 3 Classification code: F1 	III	No	Limited quantities: 5 L Tunnel restriction code: (D/E) See below for additional information.
IMDG	UN1263	PAINT	Class: 3 Labels: 3 Classification code: F1 	III	No	Limited quantities: 5 L EmS: F-E S-E See below for additional information.
IATA	UN1263	PAINT	Class: 3 Labels: 3 Classification code: F1 	III	No	See below for additional information.

* Packing group

** Environmental hazards

▼ Additional information

IMDG / See the Dangerous Goods List, section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

This product is within scope of the regulations of transport of dangerous goods.

Hazchem Code: ●3Y

14.6. Special precautions for user

Not applicable.

14.7. Maritime transport in bulk according to IMO instruments

No data available.

SECTION 15: Regulatory information

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

Restrictions for application

Restricted to professional users.

Demands for specific education

No specific requirements.

SEVESO - Categories / dangerous substances

P5c - FLAMMABLE LIQUIDS, Qualifying quantity (lower-tier): 5.000 tonnes / (upper-tier): 50.000 tonnes

Additional information

Not applicable.

▼ Sources

Control of Major Accident Hazards (COMAH) Regulations 2015.

2012 No. 1715 Environmental Protection: The Volatile Organic Compounds in Paints, Varnishes and Vehicle Refinishing Products Regulations 2012.

Regulation (EU) No 1357/2014 of 18 December 2014 on waste as retained and amended in UK law.

Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (CLP) as retained and amended in UK law.

EC-Regulation 1907/2006 (REACH), as amended by UK REACH Regulations SI 2019/758.

15.2. Chemical safety assessment

No

▼ SECTION 16: Other information

Full text of H-phrases as mentioned in section 3

EUH066, Repeated exposure may cause skin dryness or cracking.

H226, Flammable liquid and vapour.

H304, May be fatal if swallowed and enters airways.

H336, May cause drowsiness or dizziness.

Abbreviations and acronyms

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CE = Conformité Européenne

CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

CSA = Chemical Safety Assessment

CSR = Chemical Safety Report

DMEL = Derived Minimal Effect Level

DNEL = Derived No Effect Level

EINECS = European Inventory of Existing Commercial chemical Substances

ES = Exposure Scenario

EUH = CLP-specific hazard statement

EWC = European Waste Catalogue

GHS = Globally Harmonized System of classification and labelling of chemicals

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association

IBC = Intermediate Bulk Container

IMDG = International Maritime Dangerous Goods

LogPow = Logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PNEC = Predicted No Effect Concentration

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SCL = Specific Concentration Limit

SVHC = Substances of Very High Concern

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TWA = Time Weighted Average

UN = United Nations

UVCB = Substances of Unknown or Variable composition, Complex reaction products or Biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and very Bioaccumulative

▼ Additional information

The classification of the substance/mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP) as retained and amended in UK law.

The classification of the mixture in regard to physical hazards has been based on experimental data.

▼ The safety data sheet is validated by

ULS

Other

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

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.

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.

Country-language: GB-en