

SAFETY DATA SHEET

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

1.1. Product identifier

Trade name

Junckers ProTech

Product no.

522, 525

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

Lacquering of wooden floors

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

2020-05-29

SDS Version

1.0

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

Flam. Liq. 3; H226

STOT SE 3; H336

Aquatic Chronic 4; H413

See full text of H-phrases in section 2.2.

2.2. Label elements

Hazard pictogram(s)**Signal word**

Warning

According to EC-Regulation 2015/830

Hazard statement(s)

- Flammable liquid and vapour. (H226)
- May cause drowsiness or dizziness. (H336)
- May cause long lasting harmful effects to aquatic life. (H413)

Precautionary statements

- | | |
|------------|---|
| General | - |
| Prevention | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210).
Avoid breathing vapours. (P261).
Avoid release to the environment. (P273). |
| 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 | - |

Identity of the substances primarily responsible for the major health hazards

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

Additional labelling

Repeated exposure may cause skin dryness or cracking. (EUH066)

Unique formula identifier (UFI)

EUE1-M0JE-J00D-4114

2.3. Other hazards

Contains drying oils. Risk of self-ignition. Spills, soiled rags, etc. must be contained, stored in fire-proof waste containers and then destroyed.

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: 470 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, C11-C12, isoalkanes, < 2 % aromatics
IDENTIFICATION NOS.:	EC-no: 918-167-1 REACH-no: 01-2119472146-39
CONTENT:	25-40%
CLP CLASSIFICATION:	Flam. Liq. 3, Asp. Tox. 1, Aquatic Chronic 4 H226, H304, H413, EUH066
NOTE:	O

NAME:	Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics
IDENTIFICATION NOS.:	EC-no: 919-857-5 REACH-no: 01-2119463258-33
CONTENT:	15-25%
CLP CLASSIFICATION:	Flam. Liq. 3, Asp. Tox. 1, STOT SE 3 H226, H304, H336, EUH066
NOTE:	O

(*) 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(oral) > 2000
N chronic (CAT 4) Sum = $\sum(C_i/(M(\text{chronic})_i^{*25}) * 0.1 * 10^{\wedge} \text{CAT}_i) = > 1 - 1,3875624$

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).

According to EC-Regulation 2015/830

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 and open eyes widely. Flush eyes with water or saline water (20-30 °C) for at least 15 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 victim lean forward with head down to avoid inhalation of- or choking on vomited material.

Burns

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

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.

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.

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

6.1. Personal precautions, protective equipment and emergency procedures

Avoid inhalation of vapours from spilled material. Storages not yet ignited must be cooled by water mist. Remove flammable materials if conditions allow it. Ensure sufficient ventilation.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc. In the event of leakage to the surroundings, contact local environmental authorities. It is recommended to install waste collection trays to prevent emissions to the wastewater system and surrounding environment.

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

Avoid static electricity. Protect electrical equipment in accordance with current standards. To divert static electricity during transmission, containers must be grounded and connected by wire with the receiving containers. Do not use spark-forming tools.

Due to the danger of self-ignition, any waste from the product (spills, soiled rags etc.) are to be kept in a fire-proof place in air-tight containers, alternatively the waste can be burned. Smoking, storage of tobacco, consumption and storage of food or liquids are not allowed in the workrooms. It is recommended to install waste collection trays to prevent emissions to the wastewater system and surrounding environment. 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. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Must be stored in a cool and well-ventilated area, away from possible sources of ignition.

Storage temperature

Store in cool, dry conditions in well sealed receptacles.

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

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

Long-term exposure limit (8-hour TWA reference period): - ppm | 1000 mg/m³

Short-term exposure limit (15-minute reference period): - ppm | - mg/m³

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

Long-term exposure limit (8-hour TWA reference period): - ppm | 1000 mg/m³

Short-term exposure limit (15-minute reference period): - ppm | - mg/m³

DNEL / PNEC

DNEL (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics): 1500 mg/m³

Exposure: Inhalation

Duration of Exposure: Long term – Systemic effects - Workers

DNEL (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics): 300 mg/kg bw/day

Exposure: Dermal

Duration of Exposure: Long term – Systemic effects - Workers

DNEL (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics): 900 mg/m³

Exposure: Inhalation

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

DNEL (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics): 300 mg/kg bw/day

Exposure: Dermal

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

DNEL (Hydrocarbons, C9-C11, n-alkanes, isoalkanes, cyclics, < 2 % aromatics): 300 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

Observe general occupational hygiene standards.

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

According to EC-Regulation 2015/830

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

Use respiratory equipment with gas filter type A.

In case of spray application: Use self-contained breathing apparatus.

Skin protection

Use appropriate protection clothing, e.g. coveralls in polypropylene or working clothes in cotton or polyester.

Chemical resistant suit with helmet/hood (Type 4, 5, 6 Category III) is recommended for spray applications.

Permeation tests according to EN 369 are required in order to obtain necessary information about the efficiency of protection from the substances mentioned in section 3.

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	Tan
Odour	Hydrocarbons
Odour threshold (ppm)	No data available
pH	No data available
Viscosity (40°C)	60-110 mm ² /s
Density (g/cm ³)	0,87-0,89

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)	40
Ignition (°C)	No data available
Auto flammability (°C)	No data available
Explosion limits (% v/v)	No data available
Explosive properties	No data available

Solubility

Solubility in water	Insoluble
n-octanol/water coefficient	No data available

9.2. Other information

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

Avoid static electricity.

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

No data available

Skin corrosion/irritation

No data available

Serious eye damage/irritation

No data available

Respiratory or skin sensitisation

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT-single exposure

May cause drowsiness or dizziness.

STOT-repeated exposure

No data available

Aspiration hazard

No data available

Long term effects

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

Hydrocarbons, C9-C11, n-alkane...

Hydrocarbons, C11-C12, isoalka...

Biodegradability

Yes

No

Test

Manometric Resp. Test

Manometric Resp. Test

Result

> 60 %

31,3 %

12.3. Bioaccumulative potential

Substance

No data available

Potential bioaccumulation

LogPow

BCF

12.4. Mobility in soil

No data available

12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as

According to EC-Regulation 2015/830

PBT and/or vPvB.

12.6. Other adverse effects

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 covered by the regulations on hazardous waste.

Waste

EWC code

08 01 11*

waste paint and varnish containing organic solvents or other dangerous substances

Specific labelling

Not applicable

Contaminated packing

Contaminated packaging must be disposed of similarly to the product.

SECTION 14: Transport information

14.1 – 14.4

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

ADR/RID

14.1. UN number 1263

14.2. UN proper shipping name PAINT

14.3. Transport hazard class(es) 3

14.4. Packing group III

Notes -

Tunnel restriction code D/E

IMDG

UN-no. 1263

Proper Shipping Name PAINT

Class 3

PG* III

EmS F-E, S-E

MP** No

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

IATA/CAO

UN-no. 1263

Proper Shipping Name PAINT

Class 3

PG* III

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

According to EC-Regulation 2015/830

People under the age of 18 shall not be exposed to this product cf. Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.

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

Seveso III Part 1: P5c

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 (CLP).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

The Control of Major Accident Hazards (COMAH) Regulations 2015.

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.

H304 - May be fatal if swallowed and enters airways.

H336 - May cause drowsiness or dizziness.

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

EUH066 - Repeated exposure may cause skin dryness or cracking.

The full text of identified uses as mentioned in section 1

-

Additional label elements

Not applicable

Other

In accordance with Regulation (EC) No. 1272/2008 (CLP) the evaluation of the classification of the mixture is based on:

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

The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

The classification of the mixture in regard of environmental hazards are in accordance with the calculation methods given by Regulation (EC) No. 1272/2008 (CLP).

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)

-

According to EC-Regulation 2015/830

**Date of last minor change
(Last cipher in SDS version)**

-

ALPHAOMEGA. Licens nr.:4009228831, 7.0.1.36
www.chymeia.com