

According to EC-Regulation 2015/830

# SAFETY DATA SHEET

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

### 1.1. Product identifier

**Trade name**

IPS Water Repellent Injection Sealer

**REACH registration number**

Not applicable

**Unique formula identifier (UFI)**

-

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

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

Industrial

**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**

IPS-Group A/S  
 Hejreskovvej 22A  
 DK - 3490 Kvistgård, Denmark  
 +45 4913 2800

**Contact person**

Claus Christian Hjorth-Madsen

**E-mail**

info@ips-group.dk

**SDS date**

2018-11-28

**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

Asp. Tox. 1; H304

See full text of H-phrases in section 2.2.

### 2.2. Label elements

**Hazard pictogram(s)**



**Signal word**

Danger

**Hazard statement(s)**

May be fatal if swallowed and enters airways. (H304)

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**Precautionary statements**

- General -
- Prevention -
- Response Do NOT induce vomiting. (P331).  
IF SWALLOWED: Immediately call a POISON CENTER/doctor. (P301+P310).
- Storage -
- Disposal Dispose of contents/container to an approved waste disposal plant. (P501).

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

3,5,7-trimethyldecane

**2.3. Other hazards**

This product contains substances that can cause chemical pneumonia if inhaled. The symptoms of chemical pneumonia may appear after several hours.

**Additional labelling**

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

**Additional warnings**

Not applicable

**VOC (volatile organic compound)**

Not applicable

**SECTION 3: Composition/information on ingredients**

**3.1/3.2. Substances/Mixtures**

NAME: 3,5,7-trimethyldecane  
 IDENTIFICATION NOS.: CAS-no: 90622-58-5 EC-no: 292-460-6  
 CONTENT: 90-100%  
 CLP CLASSIFICATION: Asp. Tox. 1  
 H304, EUH066

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

**Other information**

ATEmix(inhale, vapour) > 20  
 ATEmix(dermal) > 2000  
 ATEmix(oral) > 2000

**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 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**

Do not induce vomiting! If vomiting occurs, keep head facing down to prevent vomit entering the lungs. Call a doctor or ambulance. Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should be kept under medical attention for a minimum of 48 hours.

**Burns**

Not applicable

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

This product contains substances that can cause chemical pneumonia if inhaled. The symptoms of chemical pneumonia may appear after several hours.

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

IF exposed or concerned: Get immediate medical advice/attention.

##### 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

Nothing special

#### 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 direct contact with spilled substances. Avoid inhalation of vapours from spilled material.

#### 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

Smoking, storage of tobacco, consumption and storage of food or liquids are not allowed in the workrooms. See section on 'Exposure controls/personal protection' for information on personal protection. Avoid direct contact with the product.

#### 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.

##### Storage temperature

Cool and dry.

#### 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

C11-15 Iso-alkanes

Long-term exposure limit (8-hour TWA reference period): - ppm | 1200 mg/m<sup>3</sup>

Methanol

Long-term exposure limit (8-hour TWA reference period): - ppm | 266 mg/m<sup>3</sup>

Short-term exposure limit (15 min STEL reference period): - ppm | 333 mg/m<sup>3</sup>

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**DNEL / PNEC**

No data available

**8.2. Exposure controls**

Control is unnecessary if the product is used as intended.

**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**

Occupational exposure limits have not been defined for the substances in this product.

**Appropriate technical measures**

Apply standard precautions during use of the product. Avoid inhalation of gas or dust.

**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**

Keep containment materials near the workplace. If possible, collect spillage during work.

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



**Generally**

Use only CE marked protective equipment.

**Respiratory Equipment**

In case of insufficient ventilation use respiratory protection with filter A.

**Skin protection**

Dedicated work clothing should be worn. Wear a protective suit in the event of prolonged periods of work with the product.

**Hand protection**

Wear protective gloves. The specific work situation is unknown. Contact the suppliers of the gloves for further advice regarding the appropriate glove type. Please note that elastic gloves stretch when used. The thickness of the gloves, and therefore their penetration time, will be reduced. Moreover, the temperature of the glove in use is about 35°C, while the standard test, EN 374-3, is done at 23°C. The penetration time is therefore reduced by a factor of 3. Gloves of nitrilrubber, neoprene, polyvinyl alcohol (PVA) can be used.

**Eye protection**

Use safety glasses.

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## SECTION 9: Physical and chemical properties

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

|   |                    |
|---|--------------------|
| Form                                    | Liquid             |
| Colour                                  | Clear              |
| Odour                                   | Characteristic     |
| Odour threshold (ppm)                   | No data available. |
| pH                                      | No data available. |
| Viscosity (40°C)                        | No data available. |
| Density (g/cm <sup>3</sup> )            | 0,82               |
| Phase changes                           |                    |
| Melting point (°C)                      | -45                |
| Boiling point (°C)                      | 180                |
| 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)                        | 65                 |
| 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

Do not expose to any forms of heat (e.g. solar radiation). May lead to excess pressure.

### 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.

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## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

Substance: 3,5,7-trimethyldecane  
 Species: Rabbit  
 Test: LD50  
 Route of exposure: Dermal  
 Result: >5000 mg/kg

Substance: 3,5,7-trimethyldecane  
 Species: Rat  
 Test: LD50  
 Route of exposure: Oral  
 Result: >5000 mg/kg

Substance: 3,5,7-trimethyldecane  
 Species: Rat  
 Test: LC50  
 Route of exposure: Inhalation  
 Result: >5000 mg/kg

#### 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

No data available.

#### STOT-repeated exposure

No data available.

#### Aspiration hazard

May be fatal if swallowed and enters airways.

#### Long term effects

Nothing special

## SECTION 12: Ecological information

### 12.1. Toxicity

Substance: 3,5,7-trimethyldecane  
 Species: Fish  
 Test: LC50  
 Duration: 96 h  
 Result: >1000 mg/l

Substance: 3,5,7-trimethyldecane  
 Species: Daphnia  
 Test: EC50  
 Duration: 48 h  
 Result: >1000 mg/l

Substance: 3,5,7-trimethyldecane  
 Species: Algae  
 Test: EC50  
 Duration: 72 h  
 Result: >1000 mg/l

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**12.2. Persistence and degradability**

| Substance          | Biodegradability    | Test | Result |
|--------------------|---------------------|------|--------|
| No data available. | Ready biodegradable |      |        |

**12.3. Bioaccumulative potential**

| Substance          | Potential bioaccumulation | LogPow | BCF |
|--------------------|---------------------------|--------|-----|
| No data available. |                           |        |     |

**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 PBT and/or vPvB.

**12.6. Other adverse effects**

Nothing special

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

Product is covered by the regulations on hazardous waste.

**Waste**

| EWC code  |                                     |
|-----------|-------------------------------------|
| 14 06 03* | other solvents and solvent mixtures |

**Specific labelling**

Not applicable

**Contaminated packing**

Contaminated packaging must be disposed of similarly to the product.

**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**                  | - |
| Hazardous constituent | - |

**IATA/ICAO**

|                      |   |
|----------------------|---|
| UN-no.               | - |
| Proper Shipping Name | - |
| Class                | - |
| PG*                  | - |

**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

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## SECTION 15: Regulatory information

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

#### Restrictions for application

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.

#### Demands for specific education

-

#### Additional information

Not applicable

#### Seveso

Seveso III Part 2: methanol

#### Sources

Council Directive 94/33/EC of 22 June 1994 on the protection of young people at work.  
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).  
EC regulation 1907/2006 (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

H225 - Highly flammable liquid and vapour.

H301 - Toxic if swallowed.

H304 - May be fatal if swallowed and enters airways.

H311 - Toxic in contact with skin.

H331 - Toxic if inhaled.

H370 - Causes damage to organs<sup>a</sup>.

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 health 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

IPS-Group A/S

### Date of last essential change (First cipher in SDS version)

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

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