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## SAFETY DATA SHEET

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

#### 1.1 Product identifier

- Product Name: Lemsolv Industrial
- UFI:

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

- Use of the substance/mixture: Cleaning agent, Surface treatment

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

- Name of Supplier: Oil Technics Ltd
- Address of Supplier: Linton Business Park  
Gourdon  
Aberdeenshire  
DD10 0NH  
Scotland, United Kingdom
- Telephone: +44 (0) 1561 361515
- Responsible Person: Joseph Hannah
- Email: info@oiltechnics.com

#### 1.4 Emergency telephone number

- Emergency Telephone: +44 (0) 1561 361515 (24 Hours)

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

- CLP: Skin Irrit. 2, Eye Dam. 1, Aquatic Chronic 3

#### 2.2 Label elements



- Signal Word: Danger

#### Hazard statements

- Combustible liquid (H227).
- Causes skin irritation (H315).
- Causes serious eye damage (H318).
- Harmful to aquatic life with long lasting effects (H412).

#### Precautionary statements

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing (P305+P351+P338).
- Wear protective gloves/protective clothing/eye protection/face protection (P280).
- Immediately call a POISON CENTER or doctor/physician (P310).
- Avoid release to the environment (P273).
- Wash hands thoroughly after handling (P264).
- IF ON SKIN: Wash with plenty of soap and water (P302+P352).

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**SECTION 2: Hazards identification (....)**

If skin irritation occurs: Get medical advice/attention (P332+P313).

Take off contaminated clothing and wash it before reuse (P362+P364).

**2.3 Other hazards**

- Contains: Alcohols, C9-11, ethoxylated
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**SECTION 3: Composition/information on ingredients****3.2 Mixtures****N,N-dimethyl 9-decenamide**

CAS Number: 1356964-77-6

EC Number: 806-919-0

Concentration: ≤10%

Specific Concentration Limits:

M factor:

Acute toxicity estimate:

Categories: Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, Aquatic Chronic 3

Symbols: GHS07

H Statements: H302, H315, H319, H335, H412

**2,6-di-tert-butyl-p-cresol**

CAS Number: 128-37-0

EC Number: 204-881-4

Concentration: <1%

Specific Concentration Limits:

M factor:

Acute toxicity estimate:

Categories: Aquatic Acute 1, Aquatic Chronic 1

Symbols: GHS09

H Statements: H400, H410

**DIPROPYLENEGLYCOL METHYLEETHER**

CAS Number: 34590-94-8

EC Number: 252-104-2

Concentration: 30% - 50%

Specific Concentration Limits:

M factor:

Acute toxicity estimate:

Categories:

**Alcohols, C9-11, ethoxylated**

CAS Number: 68439-46-3

EC Number: 614-482-0

Concentration: 1% - 10%

Specific Concentration Limits:

M factor:

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**SECTION 3: Composition/information on ingredients (....)**

Acute toxicity estimate:

Categories: Acute Tox. 4, Eye Dam. 1

Symbols: GHS05, GHS07

H Statements: H302, H318

**ISOPARAFFINIC SOLVENT C10-C12**

CAS Number: 90622-58-5

EC Number: 292-460-6

Concentration: 30% - 50%

Specific Concentration Limits:

M factor:

Acute toxicity estimate:

Categories: Asp. Tox. 1

Symbols: GHS08

H Statements: H304

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**SECTION 4: First aid measures****4.1 Description of first aid measures**

- Rinse mouth.
- IF ON SKIN: Wash with plenty of soap and water.
- If skin irritation occurs: Get medical advice/attention.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

- May cause redness and irritation
- May cause severe irritation
- Can cause damage to the eyes and skin

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

- Immediately call a POISON CENTER or doctor/physician.

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**SECTION 5: Firefighting measures****5.1 Extinguishing media**

Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.

**5.2 Special hazards arising from the substance or mixture**

- No hazard expected under normal conditions of use

**5.3 Advice for firefighters**

- Prevent run off water from entering drains if possible
- Wear chemical protection suit and positive-pressure breathing apparatus
- Wear full protective clothing including chemical protection suit

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**SECTION 6: Accidental release measures**

Spillage causes slippery surface

**SECTION 6: Accidental release measures (....)**

## 6.1 Personal precautions, protective equipment and emergency procedures

- Contain spillage by any means possible
- Wear eye/face protection
- Wear protective clothing as per section 8

## 6.2 Environmental precautions

- Avoid release to the environment.
- Avoid release to the environment. Refer to special instructions/Safety data sheets
- Do not empty into drains
- Use appropriate containment to avoid environmental contamination

## 6.3 Methods and material for containment and cleaning up

- Absorb spillage in dry sand
- Remove contaminated material to safe location for subsequent disposal
- Absorb spillage in earth or sand

## 6.4 Reference to other sections

- See Section 8
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**SECTION 7: Handling and storage**

## 7.1 Precautions for safe handling

- Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Call a POISON CENTRE or doctor if you feel unwell.
- [In case of inadequate ventilation] wear respiratory protection.

## 7.2 Conditions for safe storage, including any incompatibilities

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

## 7.3 Specific end use(s)

- No information available
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**SECTION 8: Exposure controls/personal protection**

## 8.1 Control parameters

- No information available but must be considered harmful

## 8.2 Exposure controls

- Wear protective gloves/protective clothing/eye protection/face protection.
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**SECTION 9: Physical and chemical properties**

## 9.1 Information on basic physical and chemical properties

- Physical state: liquid
  - Colour: colourless
  - Odour: Characteristic odour
  - Melting point/Range: not available
  - Boiling Point/Range: >35°C
  - Flammability: Flammable
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**SECTION 9: Physical and chemical properties (....)**

- pH: Approximately 6.5
- Solubility in water: Completely soluble in water
- Density: 0.900
- Flashpoint: 65°C

## 9.2 Other information

- No information available
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**SECTION 10: Stability and reactivity**

## 10.1 Reactivity

- This article is considered stable under normal conditions

## 10.2 Chemical stability

- This article is considered stable under normal conditions

## 10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

## 10.4 Conditions to avoid

- Avoid contact with skin and eyes
- Keep away from heat

## 10.5 Incompatible materials

- Incompatible with acid
- Incompatible with alkalis (strong bases)
- Incompatible with strong oxidizing substances

## 10.6 Hazardous decomposition products

- No hazardous decomposition products known
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**SECTION 11: Toxicological information**

## 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

## Acute toxicity

N,N-DIMETHYL 9-DECENAMIDE  
ORAL RAT LD50 550 mg/kg

ALCOHOLS C9-11, ETHOXYLATED  
DERMAL - LD50 >2000 mg/kg  
ORAL - LD50 >300, <2000 mg/kg

DIPROPYLENE GLYCOL MONOMETHYL ETHER  
Acute toxicity oral (LD<sub>50</sub> mg/kg) 8,740.0; Rat  
Acute toxicity dermal (LD<sub>50</sub> mg/kg) 9,510.0; Rabbit  
Acute toxicity inhalation (LC<sub>50</sub> vapours mg/l) 3,404.47; Rat

## Skin corrosion/irritation

May cause redness and irritation  
May cause severe irritation

## Serious eye damage/irritation

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**SECTION 11: Toxicological information (....)**

May cause redness and irritation  
In extreme cases ocular damage caused  
Possible risk of irreversible effects

Respiratory or skin sensitisation

No information available

Germ cell mutagenicity

No information available

Carcinogenicity

No information available

Reproductive toxicity

No information available

STOT (specific target organ toxicity) - single exposure

No information available

STOT (specific target organ toxicity) - repeated exposure

No information available

Aspiration hazard

No information available

11.2 Information on other hazards

- No information available

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**SECTION 12: Ecological information**

12.1 Toxicity

DIPROPYLENE GLYCOL MONOMETHYL ETHER

Acute toxicity - fish LC50, 96 hours: > 1000 mg/l, *Poecilia reticulata* (Guppy)

Acute toxicity - aquatic invertebrates

NOEC, >: > 0.5 mg/l, *Daphnia magna*; EC<sub>50</sub>, 48 hours: 1919 mg/l, *Daphnia magna*

Acute toxicity - aquatic plants EC<sub>50</sub>, 96 hours: > 969 mg/l, *Selenastrum capricornutum*

12.2 Persistence and degradability

- Biodegradable

12.3 Bioaccumulative potential

No bioaccumulation potential.

12.4 Mobility in soil

- miscible with water

12.5 Results of PBT and vPvB assessment

- Not a PBT according to REACH Annex XIII

12.6 Endocrine disrupting properties

- Not applicable

12.7 Other adverse effects

- No information available

**SECTION 13: Disposal considerations**

## 13.1 Waste treatment methods

- Avoid release to the environment. Refer to special instructions/Safety data sheets
  - Disposal should be in accordance with local, state or national legislation
  - Do not discharge into drains or the environment, dispose to an authorised waste collection point
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**SECTION 14: Transport information**

## 14.1 UN number or ID number

- UN No.: Not applicable

## 14.2 UN proper shipping name

- Proper Shipping Name: Not applicable

## 14.3 Transport hazard class(es)

- Hazard Class: Not applicable

## 14.4 Packing group

- Packing Group: Not applicable

## 14.5 Environmental hazards

- Contains ingredients that are dangerous for the environment (see section 3)

## 14.6 Special precautions for user

- No special precautions are required for this product

## 14.7 Maritime transport in bulk according to IMO instruments

- No information available
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**SECTION 15: Regulatory information**

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

- Refer to current ADR Regulations

## 15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed
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**SECTION 16: Other information**

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H302: Harmful if swallowed. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H318: Causes serious eye damage. H319: Causes serious eye irritation. H335: May cause respiratory irritation. H400: Very toxic to aquatic life. H410: Very toxic to aquatic life with long lasting effects. H412: Harmful to aquatic life with long lasting effects.

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive

and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

--- end of safety datasheet ---

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