



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:  
Regulation (EC) No. 1907/2006 and Regulation (EC) No. 1272/2008

Revision Date 18-Jun-2024

Version 5

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

### 1.1. Product identifier

**Product Code** 77134  
**Product Name** NICKEL ANTI-SEIZE LUBRICANT 14 GR

### Other means of identification

Contains ALUMINIUM POWDER , NICKEL, DISTILLATES (PETROLEUM), SOLVENT-REFINED HEAVY NAPHTHENIC

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

**Recommended Use** Lubricant  
**Uses advised against** No information available

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

|   |  |
|---|--|
| <b>Manufacturer</b><br>ITW Permatex, Inc.<br>6875 Parkland Blvd.<br>Solon, Ohio 44139 USA<br>Telephone: 1-87-Permatex<br>(866) 732-9502 | <b>Only Representative (OR)</b><br>ITW Permatex, Inc.<br>Bay 150<br>Shannon Industrial Estate<br>Co. Clare<br>Ireland<br>V14 DF82<br>353(61)771500<br>353(61)471285<br>customerservice.shannon@itwpp.com |
|---|--|

### For further information, please contact

**Contact Point** ITW Permatex, Inc.  
6875 Parkland Blvd.  
Solon, Ohio 44139 USA  
Telephone: 1-87-Permatex  
(866) 732-9502

**E-mail address:** mail@permatex.com

**Non-Emergency Telephone Number** 866-732-9502

### 1.4. Emergency telephone number

|   |                          |
|---|--------------------------|
| <b>24-hour emergency phone number - §45 - (EC)1272/2008</b> |                          |
| <b>Europe</b>   | <b>112</b>               |
| <b>Austria</b>  | 01 406 43 43             |
| <b>Belgium</b>  | 070 245 245              |
| <b>Denmark</b>  | + 45 8212 1212           |
| <b>Finland</b>  | 0800 147 111/ 09 471 977 |
| <b>France</b>   | +33 (0)1 45 42 59 59     |
| <b>Germany</b>  | +49 228 192 40           |

|                |                                    |
|----------------|------------------------------------|
| Ireland        | 01 809 2166                        |
| Italy          | 0382-24444                         |
| Netherlands    | +31 (0)88 755 8000                 |
| Norway         | 22 59 13 00                        |
| Poland         | 112                                |
| Portugal       | +351 800 250 250                   |
| Slovenia       | 112                                |
| Spain          | +34 91 562 04 20                   |
| Sweden         | 112                                |
| Switzerland    | 145                                |
| United Kingdom | 111                                |
| Bulgaria       | +359 2 9154 233                    |
| Croatia        | +3851 2348 342                     |
| Cyprus         | 1401                               |
| Czech Republic | +420 224 919 293/ +420 224 915 402 |
| Estonia        | 16662/ (+372) 7943 794             |
| Greece         | (003) 2107793777                   |
| Hungary        | +36 80 201 199                     |
| Iceland        | 543 2222                           |
| Latvia         | +371 67042473                      |
| Liechtenstein  | 01 406 43 43                       |
| Lithuania      | +370 (85) 2362052                  |
| Luxembourg     | (+352) 8002 5500                   |
| Romania        | +40213183606                       |
| Slovakia       | +421 2 5477 4166                   |
| Malta          | 112                                |

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

|  |                      |
|--|----------------------|
| Skin sensitization                                 | Category 1 - (H317)  |
| Carcinogenicity                                    | Category 1B - (H350) |
| Specific target organ toxicity (repeated exposure) | Category 2 - (H373)  |
| Chronic aquatic toxicity                           | Category 2 - (H411)  |

### 2.2. Label elements

Contains ALUMINIUM POWDER , NICKEL, DISTILLATES (PETROLEUM), SOLVENT-REFINED HEAVY NAPHTHENIC



#### Signal word

Danger

#### Hazard statements

H317 - May cause an allergic skin reaction. H350 - May cause cancer. H373 - May cause damage to organs through prolonged or repeated exposure. H411 - Toxic to aquatic life with long lasting effects.

P201 - Obtain special instructions before use. P260 - Do not breathe dust/fume/gas/mist/vapors/spray. P273 - Avoid release to the environment. P280 - Wear protective gloves/protective clothing/eye protection/face protection. P321 - Specific treatment (see .? on this label). P391 - Collect spillage. P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.

**2.3. Other hazards**

Toxic to aquatic life.

**Endocrine Disruptor Information****SECTION 3: Composition/information on ingredients****3.1 Substances**

| Chemical name  | Weight-%   | REACH registration No. | EC No (EU Index No)                           | Classification according to Regulation (EC) No. 1272/2008 [CLP]                       | Specific concentration limit (SCL) | M-Factor | M-Factor (long-term) |
|--|------------|------------------------|---|---|------------------------------------|----------|----------------------|
| DISTILLATES (PETROLEUM), SOLVENT-REFINED HEAVY NAPHTHENIC 64741-96-4 | 50 - <100% |                        | (649-457-00-3)<br>265-097-6                   | Carc. 1B (H350)   | -                                  | -        | -                    |
| NICKEL 7440-02-0   | 5 - <10%   |                        | (028-002-00-7)<br>(028-002-01-4)<br>231-111-4 | Skin Sens. 1 (H317)<br>Carc. 2 (H351)<br>STOT RE 1 (H372)<br>Aquatic Chronic 3 (H412) | -                                  | -        | -                    |

**Full text of H- and EUH-phrases: see section 16****Acute Toxicity Estimate**

No information available

| Chemical name  | Oral LD50 mg/kg | Dermal LD50 mg/kg | Inhalation LC50 - 4 hour - dust/mist - mg/L | Inhalation LC50 - 4 hour - vapor - mg/L | Inhalation LC50 - 4 hour - gas - ppm |
|--|-----------------|-------------------|---|---|--------------------------------------|
| DISTILLATES (PETROLEUM), SOLVENT-REFINED HEAVY NAPHTHENIC 64741-96-4 | 5000            | 5000              | No data available                           | No data available                       | No data available                    |
| NICKEL 7440-02-0   | 9000            | No data available | No data available                           | No data available                       | No data available                    |

This product does not contain candidate substances of very high concern at a concentration  $\geq 0.1\%$  (Regulation (EC) No. 1907/2006 (REACH), Article 59)

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

Remove to fresh air.

|   |  |
|---|--|
| <b>Eye contact</b>                        | Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician. |
| <b>Skin contact</b>                       | Wash skin with soap and water. In the case of skin irritation or allergic reactions see a physician.                 |
| <b>Ingestion</b>                          | Rinse mouth.   |
| <b>Self-protection of the first aider</b> | See section 8 for more information.  |

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

**Symptoms** No information available.

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

**Effects of Exposure** No information available.

**Note to physicians** Treat symptomatically.

### **SECTION 5: Firefighting measures**

#### **5.1. Extinguishing media**

**Suitable Extinguishing Media** Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Small Fire** In case of fire, use water spray, foam, dry chemical, or CO<sub>2</sub>.  
**Large Fire** In case of fire, use water spray, foam, dry chemical, or CO<sub>2</sub>.

**Unsuitable extinguishing media** Do not scatter spilled material with high pressure water streams.

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

**Specific hazards arising from the chemical** No information available.

**Hazardous combustion products** No information available.

#### **5.3. Advice for firefighters**

**Special protective equipment and precautions for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

### **SECTION 6: Accidental release measures**

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

**Personal precautions** Ensure adequate ventilation.

**For emergency responders** Use personal protection recommended in Section 8.

#### **6.2. Environmental precautions**

**Environmental precautions** See Section 12 for additional Ecological Information.

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

|  |  |
|--|--|
| <b>Methods for containment</b>         | Prevent further leakage or spillage if safe to do so.                                |
| <b>Methods for cleaning up</b>         | Take up mechanically, placing in appropriate containers for disposal.                |
| <b>Prevention of secondary hazards</b> | Clean contaminated objects and areas thoroughly observing environmental regulations. |

**6.4. Reference to other sections**

**Reference to other sections** See section 8 for more information. See section 13 for more information.

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling**

|                                       |  |
|---------------------------------------|--|
| <b>Advice on safe handling</b>        | Ensure adequate ventilation.   |
| <b>General hygiene considerations</b> | Handle in accordance with good industrial hygiene and safety practice. |

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

|                            |   |
|----------------------------|---|
| <b>Storage Conditions</b>  | Keep container tightly closed in a dry and well-ventilated place. |
| <b>Packaging materials</b> | No information available.   |

**7.3. Specific end use(s)**

**Specific use(s)**  
Lubricant.

**Risk Management Methods (RMM)** The information required is contained in this Safety Data Sheet.

**Other Information**  
No information available.

## SECTION 8: Exposure controls/personal protection

**8.1. Control parameters**

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

| Chemical name       | European Union  | Austria  | Belgium   | Bulgaria                         | Croatia  |
|---------------------|---|--|---|----------------------------------|--|
| NICKEL<br>7440-02-0 | -   | Sa+<br>Sh+   | TWA: 1 mg/m <sup>3</sup>  | TWA: 0.05 mg/m <sup>3</sup>      | TWA: 0.5 mg/m <sup>3</sup><br>Skin Sensitisation |
| Chemical name       | Cyprus  | Czech Republic   | Denmark   | Estonia                          | Finland  |
| NICKEL<br>7440-02-0 | -   | TWA: 0.5 mg/m <sup>3</sup><br>Ceiling: 1 mg/m <sup>3</sup><br>S+   | TWA: 0.05 mg/m <sup>3</sup><br>STEL: 0.1 mg/m <sup>3</sup>  | S+<br>TWA: 0.5 mg/m <sup>3</sup> | TWA: 0.01 mg/m <sup>3</sup>                      |
| Chemical name       | France  | Germany TRGS   | Germany DFG   | Greece                           | Hungary  |
| NICKEL<br>7440-02-0 | TWA: 1 mg/m <sup>3</sup>                                  | TWA: 0.03 mg/m <sup>3</sup><br>TWA: 0.006 mg/m <sup>3</sup><br>Sh+ | respiratory and skin sensitizer inhalable fraction, respiratory sensitization confirmed for water soluble Nickel compounds only | TWA: 1 mg/m <sup>3</sup>         | TWA: 0.01 mg/m <sup>3</sup><br>sz+               |
| Chemical name       | Ireland   | Italy MDLPS  | Italy AIDII   | Latvia                           | Lithuania  |
| NICKEL<br>7440-02-0 | TWA: 0.5 mg/m <sup>3</sup><br>STEL: 1.5 mg/m <sup>3</sup> | -  | TWA: 1.5 mg/m <sup>3</sup>  | TWA: 0.05 mg/m <sup>3</sup>      | J+<br>TWA: 0.5 mg/m <sup>3</sup>                 |

| Chemical name       | Sens+<br>Luxembourg              | Malta   | Netherlands  | Norway  | Poland   |
|---------------------|----------------------------------|---|--|---|--|
| NICKEL<br>7440-02-0 | -                                | -   | -  | TWA: 0.05 mg/m <sup>3</sup><br>A+<br>STEL: 0.15 mg/m <sup>3</sup> | TWA: 0.25 mg/m <sup>3</sup>                                      |
| Chemical name       | Portugal                         | Romania   | Slovakia   | Slovenia  | Spain  |
| NICKEL<br>7440-02-0 | TWA: 1.5 mg/m <sup>3</sup>       | TWA: 0.1 mg/m <sup>3</sup><br>STEL: 0.5 mg/m <sup>3</sup> | TWA: 0.5 mg/m <sup>3</sup><br>STEL: 0.05 mg/m <sup>3</sup><br>S+ | TWA: 0.006 mg/m <sup>3</sup><br>STEL: 0.048 mg/m <sup>3</sup>     | TWA: 1 mg/m <sup>3</sup><br>Sen+                                 |
| Chemical name       | Sweden                           |   | Switzerland  |   | United Kingdom   |
| NICKEL<br>7440-02-0 | NGV: 0.5 mg/m <sup>3</sup><br>S+ |   | S+<br>TWA: 0.5 mg/m <sup>3</sup>                                 |   | TWA: 0.5 mg/m <sup>3</sup><br>STEL: 1.5 mg/m <sup>3</sup><br>Sk* |

**Biological occupational exposure limits**

This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies.

| Chemical name       | European Union   | Austria  | Bulgaria   | Croatia  | Czech Republic   |
|---------------------|--|--|--|--|--|
| NICKEL<br>7440-02-0 | -  | 7 µg/L (urine - spontaneous urine after end of work day, at the end of a work week/end of the shift) (-) | 45 µg/L - urine (Nickel) - after several work shifts   | 10 µg/L - plasma (Nickel) - at the end of the work shift<br>8 µg/g Creatinine - urine (Nickel) - at the end of the work shift  | 0.077 µmol/mmol Creatinine (urine - Nickel discretionary)<br>0.04 mg/g Creatinine (urine - Nickel discretionary) |
| Chemical name       | Denmark  | Finland  | France   | Germany DFG  | Germany TRGS   |
| NICKEL<br>7440-02-0 | -  | 0.1 µmol/L (urine - Nickel after the shift after a working week or exposure period)                      | -  | 3 µg/L - BAR (for long-term exposures: at the end of the shift after several shifts) urine<br>15 µg/L - (long-term exposure: at the end of the shift after several shifts) - urine<br>30 µg/L - (long-term exposure: at the end of the shift after several shifts) - urine<br>45 µg/L - (long-term exposure: at the end of the shift after several shifts) - urine | -  |
| Chemical name       | Hungary  | Ireland  | Italy MDLPS  | Italy AIDII  |  |
| NICKEL<br>7440-02-0 | 0.003 mg/L (urine - Nickel at end of workweek, end of shift)<br>0.051 µmol/L (urine - Nickel at end of workweek, end of shift) | 3 µg/L (urine - Nickel after several consecutive working shifts)   | -  | -  |  |
| Chemical name       | Latvia   | Luxembourg   | Romania  | Slovakia   |  |
| NICKEL<br>7440-02-0 | 3 µg/L - urine (Nickel) -  | -  | 3 µg/L - urine (Nickel) - end of shift   | 0.03 mg/L (blood - Nickel end of exposure or work shift)   |  |
| Chemical name       | Slovenia   | Spain  | Switzerland  | United Kingdom   |  |
| NICKEL<br>7440-02-0 | -  | -  | 45 µg/L (urine - Nickel end of shift, and after several shifts (for long-term exposures))<br>766.6 nmol/L (urine - | -  |  |

|  |  |  |  |  |
|--|--|--|--|--|
|  |  |  | Nickel end of shift, and after several shifts (for long-term exposures)) |  |
|--|--|--|--|--|

**8.2. Exposure controls**

**Derived No Effect Level (DNEL) - Workers** No information available

**Derived No Effect Level (DNEL) - General Public** No information available.

**Predicted No Effect Concentration (PNEC)** No information available.

**Personal protective equipment**

**Eye/face protection** No special protective equipment required.

**Skin and body protection** No special protective equipment required.

**Respiratory protection** No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

**Thermal hazards** No information available.

**Other protective equipment** No information available.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice.

**Environmental exposure controls** No information available.

## SECTION 9: Physical and chemical properties

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

|                       |                          |
|-----------------------|--------------------------|
| <b>Physical state</b> | Paste / Gel Liquid       |
| <b>Appearance</b>     | Silver                   |
| <b>Color</b>          | Silver                   |
| <b>Odor</b>           | Petroleum                |
| <b>Odor threshold</b> | No information available |

| <u>Property</u>                       | <u>Values</u>     | <u>Remarks • Method</u>  |
|---------------------------------------|-------------------|--------------------------|
| <b>Melting point / freezing point</b> | No data available | None known               |
| <b>Boiling point / boiling range</b>  | No data available | None known               |
| <b>Flammability (solid, gas)</b>      | No data available | None known               |
| <b>Flammability Limit in Air</b>      |                   | None known               |
| <b>Upper flammability limit:</b>      | No data available |                          |
| <b>Lower flammability limit:</b>      | No data available |                          |
| <b>Flash point</b>                    | > 204 °C          |                          |
| <b>Autoignition temperature</b>       | No data available | None known               |
| <b>Decomposition temperature</b>      |                   | None known               |
| <b>pH</b>                             | No data available | None known               |
| <b>pH (as aqueous solution)</b>       | No data available | No information available |
| <b>Kinematic viscosity</b>            | No Data Available | None known               |
| <b>Dynamic viscosity</b>              | No data available | None known               |
| <b>Water solubility</b>               | No data available | Negligible               |
| <b>Solubility(ies)</b>                | No Data Available | None known               |
| <b>Partition coefficient</b>          | No Data Available | None known               |

|                            |                          |            |
|----------------------------|--------------------------|------------|
| Vapor pressure             | No Data Available        | None known |
| Relative density           | 1.12                     |            |
| Bulk density               | No data available        |            |
| Density                    | No data available        |            |
| Vapor density              | No data available        | None known |
| Particle characteristics   |                          |            |
| Particle Size              | No information available |            |
| Particle Size Distribution | No information available |            |

**9.2. Other information**

VOC content 0

9.2.1. Information with regard to physical hazard classes  
Not applicable

9.2.2. Other safety characteristics  
No information available < 1 Butyl acetate = 1

## SECTION 10: Stability and reactivity

**10.1. Reactivity**

Reactivity No information available.

Remarks No Data Available.

**10.2. Chemical stability**

Stability Stable under normal conditions.

**Explosion data**

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

**10.3. Possibility of hazardous reactions**

Possibility of hazardous reactions None under normal processing.

Hazardous polymerization Hazardous polymerization does not occur.

**10.4. Conditions to avoid**

Conditions to avoid None known based on information supplied.

**10.5. Incompatible materials**

Incompatible materials None known based on information supplied.

**10.6. Hazardous decomposition products**

Hazardous Decomposition Products Carbon oxides. Metal oxides.

## SECTION 11: Toxicological information

**11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008****Information on likely routes of exposure****Product Information**

Inhalation Specific test data for the substance or mixture is not available.



**Eye contact** Specific test data for the substance or mixture is not available.

**Skin contact** Specific test data for the substance or mixture is not available.

**Ingestion** Specific test data for the substance or mixture is not available.

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** No information available.

**Numerical measures of toxicity**

**Acute toxicity**

The following values are calculated based on chapter 3.1 of the GHS document

**ATEmix (oral)** 5,237.80 mg/kg

**ATEmix (dermal)** 5,005.00 mg/kg

**ATEmix (inhalation-dust/mist)** 0.8889 mg/l

| Chemical name   | Oral LD50            | Dermal LD50             | Inhalation LC50         |
|---|----------------------|-------------------------|-------------------------|
| DISTILLATES (PETROLEUM), SOLVENT-REFINED HEAVY NAPHTHENIC | > 5000 mg/kg ( Rat ) | > 5000 mg/kg ( Rabbit ) | -                       |
| NICKEL  | > 9000 mg/kg ( Rat ) | -                       | > 10.2 mg/L ( Rat ) 1 h |

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** No information available.

**Serious eye damage/eye irritation** No information available.

**Respiratory or skin sensitization** No information available.

**Germ cell mutagenicity** No information available.

**Carcinogenicity** No information available.

| Chemical name   | European Union |
|---|----------------|
| DISTILLATES (PETROLEUM), SOLVENT-REFINED HEAVY NAPHTHENIC | Carc. 1B       |
| NICKEL  | Carc. 2        |

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

### 11.2. Information on other hazards

#### 11.2.1. Endocrine disrupting properties

**Endocrine disrupting properties** No information available.

#### 11.2.2. Other information

**Other adverse effects** No information available.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Ecotoxicity** The environmental impact of this product has not been fully investigated.

| Chemical name   | Algae/aquatic plants   | Fish   | Toxicity to microorganisms | Crustacea  |
|---|--|--|----------------------------|--|
| DISTILLATES (PETROLEUM), SOLVENT-REFINED HEAVY NAPHTHENIC | -  | LC50: >5000mg/L (96h, Oncorhynchus mykiss)   | -                          | EC50: >1000mg/L (48h, Daphnia magna)                                     |
| NICKEL  | EC50: =0.18mg/L (72h, Pseudokirchneriella subcapitata)<br>EC50: 0.174 - 0.311mg/L (96h, Pseudokirchneriella subcapitata) | LC50: >100mg/L (96h, Brachydanio rerio)<br>LC50: =1.3mg/L (96h, Cyprinus carpio)<br>LC50: =10.4mg/L (96h, Cyprinus carpio) | -                          | EC50: >100mg/L (48h, Daphnia magna)<br>EC50: =1mg/L (48h, Daphnia magna) |

### 12.2. Persistence and degradability

**Persistence and degradability** No information available.

### 12.3. Bioaccumulative potential

**Bioaccumulation** No information available.

### 12.4. Mobility in soil

**Mobility in soil** No information available.

### 12.5. Results of PBT and vPvB assessment

**PBT and vPvB assessment** No information available.

| Chemical name   | PBT and vPvB assessment         |
|---|---------------------------------|
| DISTILLATES (PETROLEUM), SOLVENT-REFINED HEAVY NAPHTHENIC | The substance is not PBT / vPvB |
| NICKEL  | The substance is not PBT / vPvB |

### 12.6. Endocrine disrupting properties

**Endocrine disrupting properties** No information available.

### 12.7. Other adverse effects

No information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

|  |   |
|--|---|
| <b>Waste from residues/unused products</b> | Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation. |
| <b>Contaminated packaging</b>              | Do not reuse empty containers.  |
| <b>Other Information</b>                   | No information available.   |

## SECTION 14: Transport information

### IATA

|                                   |                |
|-----------------------------------|----------------|
| 14.1 UN number or ID number       | Not regulated  |
| 14.2                              |                |
| 14.3 Transport hazard class(es)   | Not regulated  |
| 14.4 Packing group                | Not regulated  |
| 14.5 Environmental hazard         | Not applicable |
| 14.6 Special precautions for user |                |

### IMDG

|  |                |
|--|----------------|
| 14.1 UN number or ID number                                  | Not regulated  |
| 14.2   |                |
| 14.3 Transport hazard class(es)                              | Not regulated  |
| 14.4 Packing Group   | Not regulated  |
| 14.5 Environmental hazard                                    | Not applicable |
| 14.6 Special precautions for user                            |                |
| 14.7 Maritime transport in bulk according to IMO instruments |                |

### RID

|                                   |                |
|-----------------------------------|----------------|
| 14.1 UN/ID No                     | Not regulated  |
| 14.2                              |                |
| 14.3 Transport hazard class(es)   | Not regulated  |
| 14.4 Packing Group                | Not regulated  |
| 14.5 Environmental hazard         | Not applicable |
| 14.6 Special precautions for user |                |

### ADR

|                                   |                |
|-----------------------------------|----------------|
| 14.1 UN number or ID number       | Not regulated  |
| 14.2                              |                |
| 14.3 Transport hazard class(es)   | Not regulated  |
| 14.4 Packing Group                | Not regulated  |
| 14.5 Environmental hazard         | Not applicable |
| 14.6 Special precautions for user |                |

## SECTION 15: Regulatory information

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

#### **European Union**

Take note of Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents

at work.

**Authorizations and/or restrictions on use:**

This product does not contain substances subject to authorization (Regulation (EC) No. 1907/2006 (REACH), Annex XIV) This product does not contain substances subject to restriction (Regulation (EC) No. 1907/2006 (REACH), Annex XVII)

| Chemical name  | Restricted substance per REACH Annex XVII | Substance subject to authorization per REACH Annex XIV |
|--|---|--|
| DISTILLATES (PETROLEUM),<br>SOLVENT-REFINED HEAVY NAPHTHENIC -<br>64741-96-4 | 28.<br>75.                                | -  |
| NICKEL - 7440-02-0   | 27.<br>75.                                | -  |

**Persistent Organic Pollutants**

Not applicable

**Ozone-depleting substances (ODS) regulation (EC) 1005/2009**

Not applicable

| Chemical name      | EU - Water Framework Directive (2000/60/EC) |
|--------------------|---|
| NICKEL - 7440-02-0 | Priority substance                          |

| Chemical name      | EU - Environmental Quality Standards (2008/105/EC) |
|--------------------|--|
| NICKEL - 7440-02-0 | Priority substance                                 |

**International Inventories**

|               |                 |
|---------------|-----------------|
| TSCA          | Complies        |
| DSL/NDSL      | Complies        |
| EINECS/ELINCS | Complies        |
| ENCS          | Does not comply |
| IECSC         | Complies        |
| KECI          | Complies        |
| PICCS         | Complies        |
| AICS          | Complies        |

**Legend:**

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**15.2. Chemical safety assessment**

**Chemical Safety Report** No information available

**SECTION 16: Other information**

**Key or legend to abbreviations and acronyms used in the safety data sheet**

**Full text of H-Statements referred to under section 3**

H317 - May cause an allergic skin reaction

H350 - May cause cancer

H351 - Suspected of causing cancer

H372 - Causes damage to organs through prolonged or repeated exposure

H412 - Harmful to aquatic life with long lasting effects

**Legend**

SVHC: Substances of Very High Concern for Authorization:

PBT: Persistent, Bioaccumulative, and Toxic (PBT) Chemicals

vPvB: Very Persistent and very Bioaccumulative (vPvB) Chemicals

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA TWA (time-weighted average) STEL STEL (Short Term Exposure Limit)  
 Ceiling Maximum limit value \* Skin designation

| Classification procedure  |                    |
|---|--------------------|
| Classification according to Regulation (EC) No. 1272/2008 [CLP] | Method Used        |
| Acute oral toxicity   | Calculation method |
| Acute dermal toxicity   | Calculation method |
| Acute inhalation toxicity - gas                                 | Calculation method |
| Acute inhalation toxicity - vapor                               | Calculation method |
| Acute inhalation toxicity - dust/mist                           | Calculation method |
| Skin corrosion/irritation                                       | Calculation method |
| Serious eye damage/eye irritation                               | Calculation method |
| Respiratory sensitization                                       | Calculation method |
| Mutagenicity  | Calculation method |
| Carcinogenicity   | Calculation method |
| Reproductive toxicity   | Calculation method |
| STOT - single exposure  | Calculation method |
| Acute aquatic toxicity  | Calculation method |
| Chronic aquatic toxicity  | Calculation method |
| Aspiration hazard   | Calculation method |

**Key literature references and sources for data used to compile the SDS**

Agency for Toxic Substances and Disease Registry (ATSDR)  
 U.S. Environmental Protection Agency ChemView Database  
 European Food Safety Authority (EFSA)  
 Environmental Protection Agency  
 Acute Exposure Guideline Level(s) (AEGl(s))  
 U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act  
 U.S. Environmental Protection Agency High Production Volume Chemicals  
 Food Research Journal  
 Hazardous Substance Database  
 International Uniform Chemical Information Database (IUCLID)  
 Japan GHS Classification  
 Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)  
 NIOSH (National Institute for Occupational Safety and Health)  
 National Library of Medicine's ChemID Plus (NLM CIP)  
 National Library of Medicine's PubMed database (NLM PUBMED)  
 U.S. National Toxicology Program (NTP)  
 New Zealand's Chemical Classification and Information Database (CCID)  
 Organization for Economic Co-operation and Development Environment, Health, and Safety Publications  
 Organization for Economic Co-operation and Development High Production Volume Chemicals Program  
 Organization for Economic Co-operation and Development Screening Information Data Set  
 World Health Organization

**Revision Date** 18-Jun-2024

**This material safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006**

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**End of Safety Data Sheet**

**EU SDS version information - EGHS**

UL release:  
 GHS Revision 7  
 2023 Q1

|  |            |
|--|------------|
| Specific target organ toxicity (repeated exposure) | Category 2 |
|--|------------|

Full text of H-Statements referred to under section 3 H317 - May cause an allergic skin reaction H350 - May cause cancer H351 - Suspected of causing cancer H372 - Causes damage to organs through prolonged or repeated exposure H412 - Harmful to aquatic life with long lasting effects

| Chemical name   | Classification according to Regulation (EC) No. 1272/2008 [CLP]                       | Specific concentration limit (SCL) |
|---|---|------------------------------------|
| DISTILLATES (PETROLEUM), SOLVENT-REFINED HEAVY NAPHTHENIC | Carc. 1B (H350)   |                                    |
| NICKEL  | Skin Sens. 1 (H317)<br>Carc. 2 (H351)<br>STOT RE 1 (H372)<br>Aquatic Chronic 3 (H412) |                                    |

VOC content