




MATERIAL SAFETY DATA SHEET

according to Regulation (EC) 1907/2006 - REACH

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| 1. Identification of the substance/mixture and of the company/undertaking | |
| <p>1.1 Product identifier:</p> <p>1.2 Relevant identified uses of the substance or mixture: Uses advised against:</p> <p>1.3 Details of the supplier of the safety data sheet:</p> <p>Reference to safety data sheet:</p> <p>1.4 Emergency telephone number:</p> | <p>AIR FILTER CLEANER</p> <p>cleaning agent All except above indicated</p> <p>Nils S.p.A. Via Stazione, 30 39014 Postal (BZ) Tel. +39 0473 29 24 00 e-mail: nils@nils.it Fax: +39 0473 29 12 44 www.nils.eu Tel +39 0473 292400 schedasicurezza@nils.it</p> <p>Nils spa:+39 0473 29 24 00 (only available during office hours) Niguarda Milano Hospital Poison Centre: +39 02 66101029</p> |
| 2. Hazards identification | |
| <p>2.1 Classification of the substance or mixture Classification according to Regulation (EC) No. 1272/2008 [CLP]</p> <p>2.2 Label elements: Hazardous components which must be listed on the label: Signal word: Pictograms:</p> <p>Hazard components for labelling</p> <p>Hazard statements:</p> <p>Precautionary statements:</p> <p>EUH-phrases</p> <p>Supplemental Hazard information (EU)</p> <p>2.3 Other hazards:</p> | <p>Asp. Tox. 1 ; H304 - Aspiration hazard : Category 1 ; May be fatal if swallowed and enters airways.</p> <p>- Danger Health hazard (GHS08)</p>  <p>PARAFFINS (PETROLEUM), NORMAL C5-20 ; CAS No. : 64771-72-8</p> <p>H304 May be fatal if swallowed and enters airways.</p> <p>P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. P331 Do NOT induce vomiting. P405 Store locked up.</p> <p>EUH066: Repeated exposure may cause skin dryness or cracking EUH210: Safety data sheet available on request.</p> <p>Repeated exposure may cause skin dryness or cracking.</p> <p>None</p> |



| 3. Composition/information on ingredients | | | | | |
|---|------------|-----------|--|--------|--|
| 3.1 Mixtures | | | Base oil with additives. | | |
| Hazardous components: | | | | | |
| EC No. | Nr. CAS | Nr. Reach | Description | % | Class. 1272/08 |
| 265-233-4 | 64771-72-8 | | PARAFFINS (PETROLEUM), NORMAL C5-20 | 50-100 | Flam. Liq. 3 ; H226 Asp. Tox. 1 ; H304 |
| Additional information: | | | Complete list of H hazard statements is indicated in point 16 of this MSDS. | | |
| 4. First aid measures | | | | | |
| 4.1 Description of first aid measures | | | Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing immediately. | | |
| -After inhalation: | | | Provide fresh air. When in doubt or if symptoms are observed, get medical advice. | | |
| -After skin contact: | | | Wash immediately with: Water and soap | | |
| -After eye contact: | | | Remove contact lenses, if present and easy to do. Continue rinsing. Wash with plenty of water. Call a physician immediately. | | |
| -After ingestion: | | | Do NOT induce vomiting. Observe risk of aspiration if vomiting occurs. Call a physician immediately. | | |
| 4.2 Most important symptoms and effects, both acute and delayed: | | | Respiratory complaints , Headache , Dizziness , Nausea . | | |
| 4.3 Indication of any immediate medical attention and special treatment needed: | | | None | | |
| 5. Firefighting measures | | | | | |
| 5.1 Extinguishing media | | | Water spray jet , Foam , Extinguishing powder , Carbon dioxide (CO2) , Sand . Co-ordinate fire-fighting measures to the fire surroundings. | | |
| Suitable extinguishing media: | | | | | |
| Unsuitable extinguishing media: | | | Full water jet (use water only to cool the around surfaces) | | |
| 5.2 Special hazards arising from the substance or mixture: | | | Carbon dioxide (CO2), Carbon monoxide. | | |
| 5.3 Advice for firefighters: | | | Use suitable breathing apparatus. | | |
| 5.4 Additional information: | | | Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water | | |
| 6. Accidental release measures | | | | | |
| 6.1 Personal precautions, protective equipment and emergency procedures: | | | Provide fresh air. Avoid contact with skin, eyes and clothes. | | |
| 6.2 Environmental precautions: | | | Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. | | |
| 6.3 Methods and material for containment and cleaning up: | | | Use non-flammable absorbing products, sand, fossil meal, vermiculite. Attention danger of slipping | | |
| 6.4 Reference to other sections: | | | Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13 | | |



| 7. Handling and storage | |
|-------------------------|--|
| 7.1 | <p>Precautions for safe handling:</p> <p>No hazardous reaction when handled and stored according to provisions. Avoid contact with skin, eyes and clothes. Do not breathe vapour/aerosol. Provide fresh air.</p> |
| 7.2 | <p>Information about protection against explosions and fires:</p> <p>If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.</p> <p>Conditions for safe storage, including any incompatibilities:</p> <p>Dispose according to legislation. Do not allow to enter into surface water or drains.</p> <p>Possibility of hazardous reactions : Oxidising agent .</p> <p>Keep/Store only in original container. Notice the directions for use on the label.</p> <p>Do not store at temperatures below : 0 °C .</p> <p>Recommended storage temperature : 5 °C - 40 °C .</p> <p>Protect against : Protect against direct sunlight. Keep away from heat. Storage stability : 12 months (5 °C - 40 °C) .</p> |
| 7.3 | <p>Specific end use(s):</p> <p>Observe technical data sheet.</p> |

| 8. Exposure controls/personal protection | | | | | | | | | | | | | |
|--|---|--------|-------------------|----------|-------------------|----------|--------|--|--|--|--|--|--|
| 8.1 | <p>Control parameters:</p> <p>Exposure limits (EH40)</p> <table border="1"> <thead> <tr> <th>CAS No</th> <th>Substance</th> <th>ppm</th> <th>mg/m³</th> <th>Category</th> <th>Origin</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> | CAS No | Substance | ppm | mg/m ³ | Category | Origin | | | | | | |
| CAS No | Substance | ppm | mg/m ³ | Category | Origin | | | | | | | | |
| | | | | | | | | | | | | | |
| 8.2 | <p>Exposure controls</p> <p>Personal protective equipment:</p> <p>-General protective and hygiene measures:</p> <p>See protective measures under point 7 and 8.</p> <p>General health and safety measures No special measures are necessary.</p> <p>Avoid contact with skin, eyes and clothes. Remove contaminated, saturated clothing immediately. Wash hands before breaks and after work. Keep away from food, drink and animal feeding stuffs.</p> <p>-Respiratory protection:</p> <p>If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.</p> <p>-Eye protection:</p> <p>Additional eye protection measures : Wear eye/face protection.</p> <p>- Skin protection:</p> <p>Tested protective gloves must be worn Breakthrough time (maximum wearing time) : 4 hours (NBR (Nitrile rubber) , Thickness of the glove material : 0,4 mm) . See information supplied by the manufacturer.</p> <p>-Body protection:</p> <p>Protective work clothing</p> | | | | | | | | | | | | |



9. Physical and chemical properties

| Form: Colour: Odour: | liquid characteristic Characteristic | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---|---------------|-------------|---------------|----------------|--|------------|----------------|--|--|------|----|--|----|----|--|---|--|--|-------|-------------------|-----------|-----------|--|--|-----|--------------------|-----------|
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| <i>Value</i> | <i>Unit</i> | <i>Method</i> | | | | | | | | | | | | | | | | | | | | | | | | | | |
| not applicable | | DIN 51 369 | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| Insoluble | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1.5 | mm ² /s | DIN 51562 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| pH-Value: Melting point: Boiling temperature/boiling range: Flash point: Danger of explosion: Density : (20°C) Solubility in / Miscibility with Water: Viscosity kinematic (40°C) | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

10. Stability and reactivity

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| 10.1 Reactivity: 10.2 Chemical stability: 10.3 Possibility of hazardous reactions: 10.4 Conditions to avoid 10.5 Incompatible materials 10.6 Hazardous decomposition products | No information available. No information available. No information available. Stable under recommended storage and handling conditions (See section 7). Oxidising agent, strong Does not decompose when used for intended uses. Thermal decomposition can lead to the escape of irritating gases and vapours. Hazardous decomposition products : Carbon monoxide. Carbon dioxide (CO ₂), smokes |
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11. Toxicological information

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| 11.1 Information on toxicological effects: Acute toxicity -Inhalation: - swallowing: -skin contact: -eye contact: -sensitization: STOT-single exposure Severe effects after repeated or prolonged exposure Carcinogenic/mutagenic/toxic effects for reproduction Aspiration hazard Additional information on tests | No information available. Prolonged exposition to vapour or mist may cause irritation of respiratory tract May cause irritation of digestive tract, vomit, nausea and diarrhoea Frequent and prolonged contact with skin may degrease and irritate it May cause light irritation No senziting effects known No information available. No information available. No information available. No information available. No hazardous reaction when handled and stored according to provisions. |
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| 12. Ecological information | |
| <p>12.1 Toxicity: 12.2 Persistence and degradability: 12.3 Bioaccumulative potential: 12.4 Mobility in soil: 12.5 Results of PBT and vPvB assessment: 12.6 Other adverse effects:</p> | <p>No information available. Product is easily biodegradable, do not allow to enter the product in sewage system, surface of ground water No information available. No information available. No information available. No information available. No information available. Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.</p> |
| 13. Disposal considerations | |
| <p>13.1 Waste treatment methods -Recommendation: -Waste key: -Contaminated packaging:</p> | <p>Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation. The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process. ASN 14 06 03: other solvents and solvent mixtures. Contaminated packages must be completely emptied and can be re-used following proper cleaning. Completely emptied packages can be recycled. Packing which cannot be properly cleaned must be disposed of. Handle contaminated packages in the same way as the substance itself. Dispose according to legislation. Do not allow to enter into surface water or drains.</p> |
| 14. Transport information | |
| <p>14.1 UN number 14.2 UN proper shipping name 14.3 Transport hazard class(es) 14.4 Packing group 14.5 Environmental hazards 14.6 Special precautions for user</p> | <p>No dangerous goods in sense of this transport regulation. No dangerous goods in sense of this transport regulation. No dangerous goods in sense of this transport regulation. No dangerous goods in sense of this transport regulation. No dangerous goods in sense of this transport regulation. None</p> |



15. Regulatory information

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

Reg. CE 1272/2008 (CLP)
 Reg. CE 790/2009 (1° ATP CLP)
 Reg. 1907/2006 (Reach)
 Reg. UE 453/2010
 Reg. UE 830/2015

Other regulations:

DPR 303/56 Igiene sul lavoro ove ancora valido
 D.L. n°81 del 9/4/2008 Testo Unico sulla Sicurezza con successive modifiche e attuazioni di Direttive UE
 DPR 336/94 Tabella malattie professionali nell'industria

15.2 Chemical safety assessment

No information available.

16. Other information

This MSDS was prepared in accordance to Regulation 1907/2006/CE (Reach).

H hazard statements:

H226 Flammable liquid and vapour.
 H304 May be fatal if swallowed and enters airways.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

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