

SAFETY DATA SHEET

NDH

Version:6



Review date: 25/02/2021

RE EC/2016-918 - CLP 1272/2008

1. IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

1. 1. Preparation name: NDH
1. 1. 1. Contains:
 - HYDROCARBURES, C10-C13, N-ALCANES, ISOALCANES, CYCLIQUES, <2% AROMATIQUES
 - isotridécaneol, éthoxylé (>5-20 EO)
1. 1. 2. Product code nr: MT034
1. 1. 3. Other means of identification: UFI : WW20-Q02F-S00W-NP0M
1. 2. Details of the supplier of the safety data sheet: SELD
6 rue Jules Guesde – ZI du Pontet
F-69360 Saint Symphorien d'Ozon
France
Phone: +33 (0)4 37 25 16 16
Fax: +33 (0)4 78 21 80 70
E-mail: contact@seld-production.com
1. 3. Emergency telephone number: UK - National Poisons Information Service Phone: 44 / 191 22 5131
1. 4. Relevant identified uses of the substance or mixture and uses advised against: Additives for the cleaning of the coolant circuits of the engines

2. HAZARDS IDENTIFICATION

2. 1. Classification of the substance or mixture: * Asp. Tox. 1 / GHS08 - H304 *
* Eye Dam. 1 / GHS05 - H318 *
2. 2. Label elements:
-  
Danger
2. 2. 1. Symbol(s) and signal word: .
2. 2. 2. Contains:
 - HYDROCARBURES, C10-C13, N-ALCANES, ISOALCANES, CYCLIQUES, <2% AROMATIQUES
 - isotridécaneol, éthoxylé (>5-20 EO)
2. 2. 3. Hazard statement: H318 Causes serious eye damage.
H304 May be fatal if swallowed and enters airways.
2. 2. 4. Prevention: P280 Wear protective gloves / protective clothing / eye protection / face protection.
2. 2. 5. Response: P305 IF IN EYES:
P351 Rinse cautiously with water for several minutes.
P338 Remove contact lenses, if present and easy to do. Continue rinsing.
P310a Immediately call a POISON CENTER / doctor.
P301 IF SWALLOWED:
P331 Do NOT induce vomiting.
2. 2. 6. Storage: P405 Store locked up.
2. 2. 7. Disposal: P501a Dispose of contents / container in accordance with local / regional / national / international regulation
2. 3. Further information(s): EUH 066 - Repeated exposure may cause skin dryness or cracking.
2. 4. Other hazards: React with strong acids and oxidising compounds.

3. COMPOSITION / INFORMATION ON INGREDIENTS

3. 1. Component(s) contributing to the hazard:
 - HYDROCARBURES, C10-C13, N-ALCANES, ISOALCANES, CYCLIQUES, <2% AROMATIQUES
 - CE nr: 918-481-9
 - REACH registration number : 01-2119457273-39xxx
 - Conc. (weight %) : Conc. (% pds) : % 60 < C <= 70
 - GHS (Globally Harmonized System)

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* GHS08 * Tox. asp. 1 - H304
- Miscellaneous :
LD50 / Dermal / Rat = =>2000 mg/kg
LD50 / Oral / Rat = =>5000 mg/kg
LC50 / 96h / Oncorhynchus mykiss = =>1000 mg/l
CE50 / 48h / Daphnia magna = =>1000 mg/l
CEr50 / 72h / Pseudokirchneriella subcapita = <=1000 mg/l
Additional phrase(s)
EUH 066 - Repeated exposure may cause skin dryness or cracking.

• isotridécaneol, éthoxylé (>5-20 EO)
- CAS nr: 69011-36-5
- Conc. (weight %) : Conc. (% pds) : % 15 < C <= 20
- GHS (Globally Harmonized System)
* GHS07 * Tox. aiguë 4 - H302
* GHS05 * Lés. oc. 1 - H318
- Miscellaneous :
LD50 / Dermal / Rat = 2000 mg/kg
LD50 / Oral / Rat = 200 - 2000 mg/kg
LC50 / 96h / Fish = 1 - 10 mg/l
CE50 / 72h / Algae = 1 - 10 mg/l
CE50 / 48h / Daphnia magna = 1 - 10 mg/l

The wording of the sentences are mentioned at heading 16.

4. FIRST AID MEASURES

4. 1. Description of first aid measures:

4. 1. 1. General advice: Never give anything by mouth to an unconscious person.
In all cases of doubt, or when symptoms persist, seek medical attention.
For symptom description, see item 11.
4. 1. 2. Inhalation: - Take victim to fresh air, in a quiet place, in an half laying position and if necessary take medical advice.
4. 1. 3. Skin contact: - Take off immediately all contaminated clothing.
- Wash off with soap and plenty of water.
- If skin irritation persists, take medical advice.
4. 1. 4. Eye contact: Rinse immediately with plenty of water, also under eyelids, taking contact lenses off.
If eye irritation persists, take medical advice.
4. 1. 5. Ingestion: - Do NOT induce vomiting.
- Rinse mouth, do not drink anything, keep quiet, and go immediately to hospital or to a doctor.

4. 2. Most important symptoms and effects, both acute and delayed: No data available.

4. 2. 1. Inhalation: Symptoms of overexposure are dizziness, headache, tiredness, nausea, unconsciousness, breathing arrest.
4. 2. 2. Skin contact: Frequent or prolonged contacts may defat and dry the skin, leading to discomfort and dermatitis.
4. 2. 3. Eyes contact: mild eye irritation (pain, redness)
4. 2. 4. Ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

4. 3. Indication of any immediate medical attention and special treatment needed : In all cases of doubt, or when symptoms persist, seek medical attention.

5. FIREFIGHTING MEASURES

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| 5. 1. Extinguishing media: | dry chemical powder, alcohol-resistant foam, carbon dioxide (CO ₂), water spray, sand, earth. |
| 5. 2. Special hazards arising from the substance or mixture: | In case of fire and/or explosion do not breathe fumes. In case of fire, product decomposes into: toxic compounds, carbon oxides (CO and CO ₂), nitrogen oxides (NO _x) and smokes. Vapours are heavier than air and spread above ground. Concerning product toxicity, see item 11 and about product stability and reactivity see item 10. |
| 5. 3. Advice for firefighters: | Use a self-contained breathing apparatus and also a protective suit. |
| 5. 4. Specific method(s): | Cool closed containers exposed to fire with water spray. |
| 5. 5. Extinguishing media which must NOT be used for safety reasons: | Do not use water jet. |

6. ACCIDENTAL RELEASE MEASURES

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| 6. 1. Personal precautions, protective equipment and emergency procedures: | Avoid contact with skin, eyes, or clothing. Ensure adequate ventilation. Remove all sources of ignition. Concerning personal protective equipment to use, see item 8. |
| 6. 2. Environmental precautions: | Prevent liquid from entering sewers, watercourses, underground or low areas. Concerning disposal elimination after cleaning, see item 13. |
| 6. 3. Methods and material for containment and cleaning up: | Soak up with absorbent material (for example sand, saw dust, neutral absorbent granule, silica gel). Shovel into suitable and closed container for disposal. |
| 6. 4. Reference to other sections: | Concerning disposal elimination after cleaning, see item 13. |

7. HANDLING AND STORAGE

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| 7. 1. Handling: | |
| 7. 1. 1. Precautions for safe handling: | Avoid all eyes and skin contact and do not breathe vapour and mist. Do not eat, drink and do not smoke in areas where product is used. Wear personal protective equipment (see item 8). |
| 7. 1. 2. Technical condition(s): | Provide for appropriate exhaust ventilation at places of vapours accumulation. |
| 7. 2. Storage: | |
| 7. 2. 1. Conditions for safe storage, including any incompatibilities: | Keep out of the reach of children. |
| 7. 2. 2. Storage condition(s): | Store in a dry, well ventilated place away from sources of heat, ignition and direct sunlight. |
| 7. 2. 3. Separation of incompatible product(s): | Keep away from: strong acids, and oxidising compounds. |
| 7. 2. 4. Packaging / tank material: | made of the same material as the supply container. |
| 7. 2. 5. Unsuitable packaging materials: | |
| 7. 3. Specific end use(s): | None under normal use. |

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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| 8. 1. Control parameters: | |
| 8. 1. 1. Exposure limit(s): | |
| | No data available. |

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8. 2. Exposure controls:

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| 8. 2. 1. Appropriate engineering controls: | Ensure adequate ventilation, especially in confined areas. To protect against splashes from pouring. |
| 8. 2. 2. Eye protection: | safety glasses |
| 8. 2. 3. Respiratory protection: | Not necessary with sufficient ventilation. |
| 8. 2. 4. Hand protection: | nitrile rubber gloves |
| 8. 2. 5. Skin and body protection: | Wear suitable protective clothing |
| 8. 3. Environmental exposure controls: | ???? |
| 8. 4. Hygiene measure(s): | Do not eat, drink, or smoke during work. Keep away from food, drink and animal feed. |

9. PHYSICAL AND CHEMICAL PROPERTIES

9. 1. Information on basic physical and chemical properties:

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| 9. 1. 1. Physical state: | liquid |
| 9. 1. 2. Colour: | light blue |
| 9. 1. 3. Odour: | characteristic |
| 9. 1. 4. Melting point / freezing point: | No available information on preparation. |
| 9. 1. 5. Boiling point or initial boiling point and boiling range: | >200 °C |
| 9. 1. 6. Flammability: | No available information on preparation. |
| 9. 1. 7. Lower and upper explosion limit: | No data available. |
| 9. 1. 8. Flash point: | 60°C < PE ≤ 93°C (d60) |
| 9. 1. 9. Auto-ignition temperature: | No available information on preparation. |
| 9. 1. 10. Decomposition temperature: | No available information on preparation. |
| 9. 1. 11. PH: | Not applicable. |
| 9. 1. 12. Solubility: | No available information on preparation. |
| 9. 1. 13. Water solubility: | emulsifiable |
| 9. 1. 14. Fat solubility: | completely soluble |
| 9. 1. 15. Solvent solubility: | soluble in most organic solvents |
| 9. 1. 16. Partition coefficient n-octanol/water (log value): | No available information on preparation. |
| 9. 1. 17. Vapour pressure: | No available information on preparation. |
| 9. 1. 18. Relative vapour density: | No available information on preparation. |
| 9. 1. 19. Density and/or relative density: | 0.8595 |
| 9. 1. 20. Particle characteristics: | No available information on preparation. |
| 9. 1. 21. Kinematic viscosity: | Not determined. |

9. 2. Other information:

10. STABILITY AND REACTIVITY

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| 10. 1. Reactivity: | No decomposition if stored and applied as directed. |
| 10. 2. Chemical stability: | Stable in use and storage conditions as recommended in item 7. |

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| 10. 3. Possibility of hazardous reactions: | Not waited |
| 10. 4. Conditions to avoid: | None under normal use. |
| 10. 5. Incompatible materials: | Reacts violently with: strong acids and oxidising compounds |
| 10. 6. Hazardous decomposition products: | Hazardous decomposition products may be released during prolonged heating like smokes, carbon monoxide and dioxide and nitrogen oxides (NOx). |

11. TOXICOLOGICAL INFORMATION

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| 11. 1. Information on hazard classes as defined in Regulation (EC) No 1272/2008: | No available information on preparation. |
| 11. 1. 1. Inhalation: | see item nr 3 - Hydrocarbures, C10-C13, N-alcanes, isoalcanes, cycliques, <2% aromatiques (EC 918-481-9) : - isotridécaneol, éthoxylé (>5-20 EO) |
| 11. 1. 2. Skin contact: | see item nr 3 - Hydrocarbures, C10-C13, N-alcanes, isoalcanes, cycliques, <2% aromatiques (EC 918-481-9) : - isotridécaneol, éthoxylé (>5-20 EO) |
| 11. 1. 3. Eyes contact: | No data available. |
| 11. 1. 4. Ingestion: | see item nr 3 - Hydrocarbures, C10-C13, N-alcanes, isoalcanes, cycliques, <2% aromatiques (EC 918-481-9) : |
| 11. 1. 5. Sensitisation: | May cause sensitisation of susceptible persons by skin contact. |

12. ECOLOGICAL INFORMATION

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| 12. 1. Toxicity: | No information available about this product. |
| 12. 2. Persistence and degradability: | Product has only a limited biodegradability in soil and water. |
| 12. 3. Bioaccumulative potential: | Cette préparation contient une substance UVCB. Les tests standards ne sont pas appropriés pour ce paramètre. |
| 12. 4. Mobility in soil: | The substance is a UVCB. The standard tests are not adapted for this parameter. |
| 12. 5. Results of PBT and vPvB assessment: | This product n' is not a substance PBT or vPvB, or n' in does not contain. |
| 12. 6. Endocrine disrupting properties: | ???? |
| 12. 7. Other adverse effects: | Stable in use and storage conditions as recommended in item 7. |
| 12. 7. 1. Toxicity to fish: | see item nr 3 - Hydrocarbures, C10-C13, N-alcanes, isoalcanes, cycliques, <2% aromatiques (EC 918-481-9) : - isotridécaneol, éthoxylé (>5-20 EO) |

13. DISPOSAL CONSIDERATIONS

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|---------------------------------|--|
| 13. 1. Waste treatment methods: | Collect all waste in suitable and labelled containers and dispose according to local legislation. Do not dispose of waste into sewer. Can be incinerated according to local regulations. |
| 13. 2. Contaminated packaging: | This container is uitsluitend bedoeld only to this product. Empty containers can be dumped according to local legislation. |

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14. TRANSPORT INFORMATION

14. 1. UN number or ID number: . :
ADR/RID, RTMD/R, IMDG et ICAO/IATA
14. 5. Environmental hazards: Avoid release to the environment.
14. 6. Special precautions for user: Concerning personal protective equipment to use, see item 8.
14. 7. Maritime transport in bulk according to IMO instruments: Not applicable.

15. REGULATORY INFORMATION

15. 1. Safety, health and environmental regulations/legislation specific for the substance or mixture: Payment 1907/2006 concerning ' recording, ' evaluation and ' authorization of chemical substances, as well as the restrictions applicable to these substances.... as modified.
15. 2. Chemical safety assessment: Not applicable.

16. OTHER INFORMATION

16. 1. Text of the phrases listed in section 3:
H304 May be fatal if swallowed and enters airways.
H302 Harmful if swallowed.
H318 Causes serious eye damage.
16. 2. Important remarks:
Information in this safety data sheet is based on actual knowledge in our possession and our experience.
It is recommended to pass the information of this safety data sheet, eventually in an appropriated form, to the users.
No liability will be accepted (except as otherwise provided by law) arising out of the use of information supplied in this data sheet.
16. 3. Restrictions: This information relates to the specific material designated and may not be valid in combination with other product(s).
16. 4. 1. First edition date: 07/12/2005
16. 4. 2. Previous revision date: 21/02/2019
16. 4. 3. Review date: 25/02/2021
16. 4. 4. Version: 6
16. 4. 5. Review chapter(s) n°: 2-9
16. 5. Written by: SELD