
SAFETY DATA SHEET

In accordance with Regulation (EC) N° 1907/2006 Annex II, modified by Regulation (EU) N° 2020/878 - Spain

1. IDENTIFICATION

1.1. Product Identifier

| | |
|---------------------------------------|--|
| Product Name: | Refined Paraffin 48°-50°C |
| Product form: | C18-23H38-48 |
| CAS number: | 8002-74-2 |
| REACH: | 01-2119488076-30-XXXX |
| Code: | PR48CH |
| Other means of identification: | Paraffin wax; Paraffin; Solid paraffin; Paraffin wax |

1.2. Recommended use of the chemical and restrictions on use:

Identified uses: Not applicable.

Specific uses:

Applications in construction and roads - Professional (Paraffins and hydrocarbon waxes)
Distribution of the substance - Industrial (Paraffins and hydrocarbon waxes)
Manufacturing of the substance - Industrial (Paraffins and hydrocarbon waxes)
Manufacture and use of explosives (Paraffins and hydrocarbon waxes)
Formulation and (re) packaging of substances and mixtures - Industrial (Paraffins and hydrocarbon waxes)
Other consumer uses - Consumer (Paraffins and hydrocarbon waxes)
Polymer Processing - Industrial (Paraffins and Hydrocarbon Waxes)
Polymers Processing - Professional (Paraffins and hydrocarbon waxes)
Production and processing of rubber - Industrial (Paraffins and hydrocarbon waxes)
Use as binders and release agents - Industrial (Paraffins and hydrocarbon waxes)
Use as Binders and Release Agents - Professional (Paraffins and Hydrocarbon Waxes)
Use as fuel - Consumer (Paraffins and hydrocarbon waxes)
Use as fuel - Professional (Paraffins and hydrocarbon waxes)
Use as functional fluids - Consumer (Paraffins and hydrocarbon waxes)
Use as functional fluids - Industrial (Paraffins and hydrocarbon waxes)
Use as functional fluids - Professional (Paraffins and hydrocarbon waxes)
Use as an intermediate - Industrial (Paraffins and hydrocarbon waxes)
Use in agrochemicals - Consumer (Paraffins and hydrocarbon waxes)
Use in agrochemicals - Professional (Paraffins and hydrocarbon waxes)
Laboratory use - Industrial (Paraffins and hydrocarbon waxes)
Laboratory use - Professional (Paraffins and hydrocarbon waxes)
Use in lubricants - Consumer (Paraffins and hydrocarbon waxes), high environmental emission category
Use in lubricants - Consumer (Paraffins and hydrocarbon waxes), low environmental emission category
Use in lubricants - Industrial (Paraffins and hydrocarbon waxes)
Use in lubricants - Professional (Paraffins and hydrocarbon waxes), high category of environmental emission
Use in lubricants - Professional (Paraffins and hydrocarbon waxes), low environmental emission category
Use in coatings - Consumer (Paraffins and hydrocarbon waxes)
Use in coatings - Professional (Paraffins and hydrocarbon waxes)
Use in coatings - Industrial (Paraffins and hydrocarbon waxes)

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

Ceras Industriales Martí, S.L.
Pol. Ind. Can Clapers. C/Can Clapers 29 2B
08181 – SENTMENAT (Barcelona)

1.4. Emergency telephone number:

+34 91 114 2520

2. HAZARD IDENTIFICATION

2.1. Classification of the substance or mixture:

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements:

Signal word: No signal word.
Hazard statements: No known significant effects or critical hazards.

Precautionary statements:
Prevention: Not applicable.
Response: Not applicable.
Storage: Not applicable.
Disposal: Not applicable.

Supplementary elements that must appear on labels: EUH210-Safety data sheet available on request.

Annex XVII - Restrictions on the manufacture, marketing and use of certain dangerous substances, mixtures and articles: Not applicable.

Special packaging requirements
Containers that must be fitted with a child-resistant closure: Not applicable.
Tactile hazard warning: Not applicable.

2.3. Other hazards which do not result in classification:

The product meets the criteria for PBT or vPvB type substance in accordance with Regulation (EC) No 1907/2006, Annex XIII

| PBT | P | B | T | mPmB | mP | mB |
|-----|-----|-----|----|------|-----|-----|
| No | N/A | N/A | No | N/A | N/A | N/A |

Other hazards not leading to classification: No additional information available

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance/mixture:

| Product or ingredient name | Identifiers | % | Classification | Specific concentration limits, M factors and ETA | Type |
|--------------------------------------|---|-----|-----------------|--|------|
| Paraffin waxes and hydrocarbon waxes | REACH #: 01-2119488076-30 CE: 232-315-6 CAS: 8002-74-2 | 100 | Not classified. | - | [1] |

For the full text of the H-phrases declared above, please refer to Section 16.

There are no additional components present which, to the current knowledge of the supplier, are classified and contribute to the classification of the substance and therefore require notification under this section.

Type

[1] Constituent

Occupational exposure limits, if available, are listed in Section 8.

4. FIRST AID MEASURES

4.1. Description of necessary first aid measures

| | |
|---|--|
| Eye contact: | Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention if irritation occurs. |
| Inhalation: | Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur. |
| Skin contact: | Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. |
| Ingestion: | Wash out mouth with water. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur. |
| Protection of first aid personnel: | No action should be taken that involves personal risk or without adequate training. |
| General measures: | If you feel unwell, consult a doctor (show the label where possible). Never give anything by mouth to an unconscious person. |

4.2. Most important symptoms/effects, acute and delayed

Over-exposure signs/symptoms:

| | |
|---------------------|-------------------|
| Eye contact | No specific data. |
| Inhalation | No specific data. |
| Skin contact | No specific data. |
| Ingestion | No specific data. |

4.3. Indication of immediate medical attention and special treatment needed, if necessary

| | |
|------------------------------------|---|
| Notes to physician: | Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled. |
| Specific treatments: | No specific treatment. |
| Protection of first-aiders: | No action shall be taken involving any personal risk or without suitable training. |

5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media:

Suitable extinguishing media: Use dry chemical or CO₂.

Unsuitable extinguishing media: Do not use water jet.

5.2. Specific hazards arising from the chemical:

Specific hazards arising from the chemical: In a fire or if heated, a pressure increase will occur and the container may burst.

Hazards thermal decomposition products: Decomposition products may include the following materials:
carbon dioxide
carbon monoxide

5.3. Special protective actions for fire-fighters:

Special protective actions for fire-fighters: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Protective equipment: Personal protection: see section 8.

For emergency responders

If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

6.2. Environmental precautions

Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3. Methods and materials for containment and cleaning up:

For containment:

Advice on the containment of a spill; The following containment methods can be considered:
To limit the production of dust or vapour: cover the product with absorbent granules (inert, non-flammable and non-combustible).

In the case of large spills: install a protective enclosure, cover the drains. Collect the absorbent/product mixture and place it in compatible containers for subsequent disposal in accordance with current regulations.
In the case of a large spill, inform the competent authorities if the situation cannot be controlled quickly and effectively. The absorbent/product mixture must be handled with the same precautions as the product itself.

Clean-up method:

To clean up: Wash contaminated area making sure not to contaminate the natural environment. During clean-up operations continue to observe handling precautions. Absorb spills with inert solids such as clay or diatomaceous earth as soon as possible. Pick up spills. Store away from other materials.

6.4. Reference to other sections:

For handling information, see Section 7. For personal protective equipment information, see Section 8. For disposal information, see Section 13. See Section 8. Exposure controls and personal protection.

7. HANDLING AND STORAGE:

7.1. Precautions for safe handling:

Protective measures: Put on appropriate personal protective equipment (see Section 8).

Advice on general occupational hygiene:

Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

7.2. Conditions for safe storage, including any incompatibilities:

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers.
Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

7.3. Specific end uses:

Recommendations Not available.
Specific solutions for the industrial sector: Not available.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

**8.1. Control parameters:
Occupational exposure limits**

Ingredient name: Paraffin waxes and Hydrocarbon waxes
Exposure limits: INSHT (España, 4/2021). VLA-ED:
2 mg/m³ 8 hours. Form: Fume

Biological exposure indices: No exposure indices known.

Recommended monitoring procedures:

Monitoring standards such as the following should be used as a reference: European Standard EN 689 (Workplace atmospheres. Guidelines for the assessment of inhalation exposure to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres. Guidelines for the application and use of procedures for assessing exposure to chemical and biological agents) European Standard EN 482 (Workplace

atmospheres. General requirements for the performance of procedures for measuring chemical agents) National guidance documents for methods for determining hazardous substances should also be used as a reference.

DNEL/DMEL values: No DNEL/DMEL values available.

PNEC values: No PNEC values available.

8.2. Appropriate engineering controls:

Appropriate engineering controls: Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

Environmental exposure controls: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

Individual protection measures

Hygiene measures:

Exposure Assessment: Exposures depend on the product being handled, the potential for chemical release, and any resulting airborne concentrations or dermal contact. Since product handling and release scenarios vary, and no two workplaces are exactly alike, it is recommended that the exposure potential be assessed prior to product use or introduction. Exposure assessments should be performed by an occupational hygienist, industrial hygienist, or other qualified environmental or occupational health professional. An exposure assessment should be conducted to determine the effectiveness of any ventilation and the need for additional PPE. The PPE listed below are recommendations for exposures. An exposure assessment will identify further applicable measures to implement. PPE is always the last resort to prevent exposure. In all cases, technical and organizational measures should be explored and utilized prior to PPE selection. PPE selection is for operators trained to work with chemicals in accordance with good industrial hygiene and safety practices. Operators should be trained in the use of PPE. Choose PPE based on a risk assessment, taking into account the concentration and quantity of hazardous substances and the specific workplace conditions.

Eye/face protection:

Eye protection:
Glasses with side shields (according to EN 166).

Skin protection:

Skin and body protection:
Appropriate skin protection should be provided for the conditions of use.

Hand protection:

Use at least chemically resistant and leak-proof gloves (according to EN 374). Due to the use of this product, the type and thickness of the gloves, as well as the time required for the decomposition of the material used in their manufacture, cannot be decided until an in-depth study of the workplace has been carried out, resulting in a clear definition of the conditions of use and the most accurate assessment possible. Therefore, gloves should be selected with the advice of the personal protective equipment manufacturer. Due to the many possible exposure conditions, the user should consider that the actual use period of a chemical protective glove is significantly shorter than the period before permeation. It is essential to follow the manufacturer's instructions for use, particularly those relating to minimum thickness and minimum period before permeation. This information in no way replaces compliance testing performed by the end user. The protection provided by the glove depends on the conditions under which the substance/mixture is used. The use of gloves (neoprene or nitrile according to EN 374) is recommended.

Other skin protection:

Protective clothing materials:
Standard protective work clothing for handling chemicals.

Respiratory protection:

Respiratory protection
In case of insufficient ventilation, use suitable respiratory equipment. A/B/P3 gas vapor filter mask (according to EN 14387 and EN 143).

Thermal hazards:

No additional information available.

Environmental exposure controls:

Environmental exposure controls:
Avoid release to natural water bodies, wastewater, or soil.

Consumer exposure controls:
Remove contaminated clothing and wash before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES AND SAFETY CHARACTERISTICS

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

9.1. Information on basic physical and chemical properties:

Appearance

| | |
|----------------------------------|-----------------------------------|
| Physical state: | Solid (Waxy solid) |
| Color: | 25 ASTM D156 |
| Odor: | Odorless |
| Odor threshold: | Not available |
| Melting point: | 48,8°C |
| Boiling point: | Not available |
| Flammability | Not available |
| Lower and upper explosion limit: | Not applicable |
| Flash point: | Open cup: >220°C (>428°F) |
| Auto-ignition temperature: | Not applicable |
| Decomposition temperature: | Not available |
| pH: | Not available |
| Viscosity: | 6.796 mm ² /s [100 °C] |
| Solubility: | Not soluble |
| Partition coefficient: | |
| n-octanol/water (Log Kow): | Not available |
| Vapor pressure: | Not available |
| Density: | Not available |
| Relative density: | Not available |
| Vapor pressure: | Not available |
| Relative vapor density: | Not applicable |

Particle characteristics

| | |
|-----------------------|---------------|
| Median particle size: | Not available |
|-----------------------|---------------|

9.2. Additional information

No additional information.

9.2.1 Information on physical hazard classes

No additional information available.

9.2.2 Other safety features:

No additional information available.

10. STABILITY AND REACTIVITY

10.1. Reactivity:

No specific test data related to reactivity available for this product or its ingredients.

10.2. Chemical stability:

The product is stable.

10.3. Possibility of hazardous reactions:

Under normal conditions of storage and use, hazardous reactions will not occur.

10.4. Conditions to avoid:

No specific data.

10.5. Incompatible materials:

No specific data.

10.6. Hazardous decomposition products:

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity

Not available.

Conclusion/Summary: Based on available data, the classification criteria are not met.

Irritation/Corrosion

| Product/ingredient name | Result | Species | Score | Exposure | Observation |
|--------------------------------------|--------------------------|---------|-------|-----------------|-------------|
| Paraffin waxes and Hydrocarbon waxes | Eyes – Mild irritant | Rabbit | - | 24 hours 100 mg | - |
| | Eyes – Mild irritant | Rabbit | - | 50 % | - |
| | Skin – Mild irritant | Rabbit | - | 24 hours 500 mg | - |
| | Skin – Moderate irritant | Rabbit | - | 500 mg | - |

Sensitization

Not available

Conclusión/Summary

Skin: Based on available data, the classification criteria are not met.

Eyes: Based on available data, the classification criteria are not met.

Respiratory: Based on available data, the classification criteria are not met.

Mutagenicity

Not available

Conclusión/Summary

Based on available data, the classification criteria are not met.

Carcinogenicity

Not available

Conclusión/Summary

Based on available data, the classification criteria are not met.

Reproductive toxicity

Not available

Conclusión/Summary

Based on available data, the classification criteria are not met.

Teratogenicity

Not available

Conclusión/Summary

Based on available data, the classification criteria are not met.

Specific target organ toxicity (single exposure)

Not available

Specific target organ toxicity (repeated exposure)

Not available

Aspiration hazard

Not available

Information on the likely routes of exposure:

Not available

Potential acute health effects

Eye contact:

No known significant effects or critical hazards.

Inhalation:

No known significant effects or critical hazards.

Skin contact:

No known significant effects or critical hazards.

Ingestion:

No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Eye contact:

No specific data.

Inhalation:

No specific data.

Skin contact:

No specific data.

Ingestion:

No specific data.

Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects:

Not available.

Potential delayed effects:

Not available.

Long term exposure

Potential immediate effects:

Not available.

Potential delayed effects:

Not available.

Potential chronic health effects:

Not available

Conclusión/Summary

Based on available data, the classification criteria are not met.

General

No known significant effects or critical hazards.

Carcinogenicity

No known significant effects or critical hazards.

Mutagenicity

No known significant effects or critical hazards.

Reproductive toxicity

No known significant effects or critical hazards.

11.2. Numerical measures of toxicity

11.2.1. Acute toxicity estimates

N/A

12. ECOLOGICAL INFORMATION:

12.1. Toxicity

Not available

Conclusión/Summary

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

Conclusión/Summary

Based on available data, the classification criteria are not met.

12.3. Bioaccumulative potential

Not available

12.4. Mobility in soil

Soil/water partition coefficient (K_{oc}): Not available

12.5. Other adverse effects

No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

13.1. Disposal methods

The generation of waste should be avoided or minimized wherever possible.

Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14. TRANSPORT INFORMATION

| | ADR/RID | ADN/ADNR | IMDG | IATA |
|-------------------------------|---------------|---------------|---------------|---------------|
| 14.1. UN number | Not regulated | Not regulated | Not regulated | Not regulated |
| 14.2. UN proper shipping name | - | - | - | - |

| | | | | | |
|------------------------------------|---------------|----|----|----|----|
| 14.3. Transport class (es) | Hazard | - | - | - | - |
| 14.4. Packing group | | - | - | - | - |
| 14.5. Environmental hazards | | No | No | No | No |

14.6. Special precautions for user:

Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

14.7. Transport in bulk according to IMO instruments

Not available

Remarks:

Not available.

15. REGULATORY INFORMATION

15.1. Safety, health, and environmental regulations and legislation specific to the substance or mixture.

EU Regulation (EC) No. 1907/2006 (REACH) Annex XIV - List of substances subject to authorization Annex XIV

None of the ingredients are listed.

Substances of very high concern

None of the ingredients are listed.

Annex XVII: Restrictions on the manufacture, placing on the market, and use of certain dangerous substances, mixtures, and articles

Other EU regulations

Industrial emissions (integrated pollution prevention and control):

Air

Not listed.

Industrial emissions (integrated pollution prevention and control):

Water

Not listed.

Ozone-depleting substances (1005/2009/EU)

Not listed.

Prior informed consent (PIC) (649/2012/EU)

Not listed.

Persistent Organic Pollutants

Not listed.

Substances that can be used as drug precursors according to Regulations (EC) 273/2004 and 111/2005.

Not listed.

Seveso Directive

This product is not controlled under the Seveso Directive.

International Regulations

Chemicals included in Schedules I, II, and III of the Chemical Weapons Convention

Not listed.

Montreal Protocol

Not listed.

Stockholm Convention on Persistent Organic Pollutants

Not listed.

Rotterdam Convention on Prior Informed Consent (PIC)

Not listed.

Aarhus Protocol on Heavy Metals and POPs of the UNECE

Not listed.

Inventory List:

| | |
|-----------------------|--|
| Australia: | This material is listed or exempt. |
| Canada: | This material is listed or exempt. |
| China: | This material is listed or exempt. |
| E.U. Eurasian: | Russian Federation Inventory: Not determined. |
| Japan: | Japan Substances Inventory (CSCL): Not determined. |
| New Zealand: | This material is listed or exempt. |
| Philippines: | This material is listed or exempt. |
| Rep. of Korea: | This material is listed or exempt. |
| Taiwan: | This material is listed or exempt. |
| Thailand: | Not determined. |
| Turkey: | This material is listed or exempt. |
| U.S.: | This material is listed or exempt. |
| Vietnam: | This material is listed or exempt. |

15.2. Chemical Safety Assessment:

No additional information available.

16. OTHER INFORMATION

Indicates information that has changed since the previous version.

Abbreviations and acronyms:

| | |
|---------------|--|
| ATE | Acute Toxicity Estimate |
| CLP | Classification, Labeling and Packaging Regulation [Regulation (EC) No 1272/2008] |
| DMEL | Derived Minimal Effect Level |
| DNEL | Derived No Effect Level |
| EUH statement | = CLP-specific Hazard Statement N/A = Not available |
| PBT | Persistent, Bioaccumulative and Toxic |
| PNEC | Predicted No Effect Concentration |
| RRN | REACH Registration Number |
| SGG | Segregation Group |
| vPvB | Very Persistent and Very Bioaccumulative |

Procedure used to derive classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Not classified.

Full text of abbreviated H phrases

Not applicable.

Full text of classifications [CLP/GHS]

Not applicable.

To the best of our knowledge and experience, the information contained herein is correct. However, neither the supplier nor any of its subsidiaries assume any responsibility for the accuracy or completeness of the information contained herein.

The final determination regarding the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, there is no guarantee that these are the only ones that exist.