

Surname and first name of the product
: 4MW CERASUR 77956

Date of issue : 23/05/2021
Version: 4

SECTION 1. Identification of the substance or mixture and the company or undertaking

1.1 Product Identifier

Name : 4MW - CERASUR
EC **Number:** 265-163-4
REACH registration number : 01-2119488075-32-0003
NAME REACH : hydrocarbon waxes (petroleum), hydrogen-treated microcrystallines
CAS **Number:** 64742-60-5
Product code: 77956
Chemical name: hydrocarbon waxes (petroleum), hydrogen-treated microcrystallines
Other means of identification / Description : Complex combination of hydrocarbons obtained by treating a petroleum microcrystalline wax with hydrogen in the presence of a catalyst. Composed mainly of branched chain hydrocarbons, long with a number of carbons mostly in the range C25 to C50.
 This document is suitable for the following product codes: 77956, 77966, 77976.

1.2 Identified relevant uses of the substance or mixture and not recommended uses

Specific uses
<p>Applications in construction and roads - Professional (Paraffins and hydrocarbon waxes) Distribution of the substance - Industrial (Paraffins and hydrocarbon waxes) Manufacture of the substance - Industrial (Paraffins and petroleum waxes) Manufacture and use of explosives (Paraffins and hydrocarbon waxes) Formulation and (re)packaging of substances and mixtures - Industrial (Paraffins and petroleum waxes) Other consumer uses - Consumer (Paraffins and hydrocarbon waxes) Polymer processing - Industrial (Paraffins and hydrocarbon waxes) Polymer processing - Professional (Paraffins and hydrocarbon waxes) Rubber production and processing - Industrial (Paraffins and hydrocarbon waxes) Use as binders and releasing agents - Industrial (Paraffins and hydrocarbon waxes) Use as binders and releasing agents - Professional (Paraffins and hydrocarbon waxes) Use as fuel - Consumer (Paraffins and hydrocarbon waxes) Use as a 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) Usor in the laboratory - Industrial (Paraffins and hydrocarbon waxes) Laboratory use - Professional (Paraffins and hydrocarbon waxes) Use in lubricants - Consumer (Paraffins and hydrocarbon waxes), high ambient emission content Use in lubricants - Consumer (Paraffins and hydrocarbon waxes), low ambient emission content Use in lubricants - Industrial (Paraffins and hydrocarbons) Use in lubricants - Professional (Paraffins and hydrocarbon waxes), high quality of environmental emission Use in lubricants - Professional (Paraffins and hydrocarbon waxes), low ambient emissions Use in coatings - Consumer (Paraffins and hydrocarbon waxes) Use in coatings - Professional (Paraffins and hydrocarbon waxes) Use in coatings - Industrial (Paraffins and hydrocarbon waxes)</p>

1.3 Data from the provider of the safety data sheet

Supplier/Manufacturer, Distributor or Importer* : CEP
 ADC – 123 Rue Marie Curie – 26780
 CHATEAUNEUF DU RHONE
E-mail: contact@adc-solution.com

**1.4 Emergency Telephone Supplier/Manufacturer,
Distributor or Importer**

Telephone number : + Emergency call telephone number: ORFILA 33 (0)1 45 42 59 59
POISON CONTROL CENTRES:
Paris: 33(0) 1 40 05 48 48 – Angers: 33 (0)2 41 48 21 21 Bordeaux: 33 (0)5 56 96
40 80
Lille : 0 825 812 822 Lyon : 33 (0)3 4 72 11 69 11 Marseille : 33(0) 4 91 75 25 25
Nancy : 33 (0)3 83 32 36 36 Rennes : 33 (0)2 99 59 22 22 Strasbourg : 33 (0)3
88 37 37 37
Toulouse : 33 (0)5 61 77 74 47

Operating hours : 24/7

SECTION 2. Hazard identification

2.1 Classification of substance or mixture

Product definition: UVCB
Classification in accordance with Regulation (EC) No. 1272/2008 [CLP/GHS] : Uncategorized.

The product is not classified as dangerous in accordance with Regulation (EC) No 1272/2008 with the corresponding amendments.

If you request more detailed information about symptoms and health effects, see Section 11.

2.2 Label Elements Warning

Word: Safety Guidelines: No warning word .
Precautionary Statements No significant effects or critical risks are known.
General: P103 - Read label before use.
P102 - Keep out of reach of children.
P101 - If medical advice is required, keep the package or label handy.

Additional elements to be included on labels : H210 - The safety data sheet can be requested.

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

Special packaging requirements

Containers to be fitted with a child-friendly closure : Not applicable.

Tactile hazard warning : Not applicable.

2.3 Other hazards

The substance meets the PBT criteria in accordance with Regulation (EC) No. 1907/2006, annex XIII : No.
P: Not applicable. B: Not applicable. T: No.

The substance meets the criteria for mPmB in accordance with Regulation (EC) No. 1907/2006, annex XIII : Not available.

The substance meets the criteria for mPmB in accordance with Regulation (EC) No. 1907/2006, annex XIII

Other hazards that do not lead to classification : None are known.

SECTION 3. Composition/component information

3.1 Substances: UVCB

Description: Complex combination of hydrocarbons obtained by treating a petroleum microcrystalline wax with hydrogen in the presence of a catalyst. Composed mainly of branched chain hydrocarbons, long with a number of carbons mostly in the range C25 to C50. This document is suitable for the following product codes: 77956, 77966, 77976.

Product name or ingredient	Identifiers	%	Regulation (EC) No. 1272/2008 [CLP]	type
hydrocarbon waxes (petroleum), <input checked="" type="checkbox"/> microcrystallines treated with hydrogen	Reach: 01-2119488075-32 EC: 265-163-4 CAS: 64742-60-5	100	Uncategorized.	[A]

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

type

- [*] substance
- [A] constituent
- [B] impurity
- [C] Stabilization additive

Occupational exposure limits, if any, are set out in Section 8.

Surname and first name of the product

: 4Mw CERASUR 77956

Version: 4

SECTION 4. First aid

4.1 Description of first aid

- Eye contact** : Immediately rinse the eyes with plenty of water, lifting the upper and lower eyelids from time to time. Check if the victim is wearing contact lenses and, in this case, remove them. Consult a doctor in case of irritation.
- Inhalation Skin contact** : Carry the victim outside and keep him at rest in a comfortable position to breathe. Consult a doctor if symptoms appear.
- Ingestion** : Wash contaminated skin with plenty of water. Remove contaminated clothing and footwear. Seek medical attention if symptoms appear.
- : Wash your mouth with water. Carry the victim outside and keep him at rest in a comfortable position to breathe. If equipment has been ingested and the exposed person is conscious, the small amount of water to drink is provided. Do not induce vomiting unless expressly indicated by medical personnel. Consult a doctor if symptoms appear.
- Protection of first aid personnel** : No action should be taken that presents a personal risk or without adequate training.

4.2 Main symptoms and effects, acute and delayed

Signs/symptoms of overexposure

- Eye contact**: No specific data.
- Inhalation Skin contact** : No specific data.
- Ingestion** : No specific data.
- : No specific data.

4.3 Indication of all medical care and special treatment to be provided immediately

- Notes for the doctor** : Treat symptomatically. Immediately contact a specialist in poisoning treatments if a large amount has been ingested or inhaled.
- Specific treatments** : **There** is no specific treatment.

SECTION 5. Firefighting measures

5.1 Means of extinction

- Appropriate:** Use dry chemical powders or CO₂.
- Inappropriate:** Do not use a water jet.

5.2 Specific hazards arising from the substance or mixture

- Hazards associated with the substance or mixture** : The pressure may increase and the container may explode in case of heating or fire.
- : No specific data.
- Hazardous thermal decomposition products**

5.3 Recommendations for firefighting personnel

- Special measures to be taken by firefighting teams** : In the event of a fire, quickly isolate the area by evacuating all persons in the vicinity of the incident site. No action should be taken that presents a personal risk or without adequate training.

Surname and first name of the product

: 4 MW CERASUR  77956

Version: 4

- Special protective equipment for firefighting personnel** : Firefighters must wear appropriate protective equipment and self-contained breathing equipment with a full mask in positive pressure mode. Firefighters' clothing (including helmets, gloves and protective boots) complying with European standard EN 469 offers a basic level of protection in the event of a chemical incident.
- Firefighting measures** : Disable all ignition sources. If the fire cannot be extinguished, move away from the area and let the fire go out. Use sprayed water to refrigerate packaging exposed to fire. Firefighters should use self-contained respirators (SCBA) and full equipment.

SECTION 6. Measures in the event of an accidental spill

6.1 Personal precautions, protective equipment and emergency procedures

- For non-emergency personnel** : No action should be taken that presents a personal risk or without adequate training. Evacuate the surroundings. Do not let in unnecessary and unprotected staff. Do not touch or step on the spilled material. Wear appropriate personal protective equipment.
- For emergency personnel** : **If special clothing is** required to manage the spill, it is appropriate and unsubmitive to take into account the material information contained in section 8. See also the information mentioned in "For non-urgent staff".

- 6.2 Environmental precautions** : avoid the dispersion of spilled material, its contact with the ground, waterways, drains and sewers. Inform the competent authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

6.3 Containment and cleaning methods and equipment

- Small spill:** Stop the leak if it does not present any risk. Remove packaging from the spill area. Dilute with water and rub if it is soluble in water. Alternatively, or if it is insoluble in water, absorb with an inert dry matter and place in a suitable waste container. For deletion, use an approved contractor.
- Large spill:** Stop the leak if it does not present any risk. Remove packaging from the spill area. Prevent it from being introduced into sewers, water channels, basements or small areas. Wash discharges to an effluent or spray treatment plant as described below. Stop and pick up spills with non-combustible absorbent materials, such as sand, earth, vermiculite or diatomaceous earth, and place the material in a package to dispose of it in accordance with local regulations. For deletion, use an approved contractor.

- 6.4 Reference to other sections** : Refer to emergency contact information in Section 1.
See Section 8 for information on appropriate personal protective equipment.
See section 13 for more information on waste treatment.

SECTION 7. Handling and storage

The information collected in this section contains data and guidance of a generic nature. The list of identified uses in Section 1 should be consulted for the specific available use information that is collected under Exposure scenario(s) if the substance had any.

7.1 Precautions for safe handling

- Protective measures:** Use of appropriate personal protective equipment (see Section 8).

Surname and first name of the product

: 4MW CERASUR  77956

Version: 4

Information on occupational health in general : Eating, drinking or smoking must be prohibited in places where this product is handled, stored or processed. Workers must wash their hands and face before eating, drinking or smoking. Remove contaminated protective equipment and clothing before hiding in areas where it is eaten. See also section 8 for additional information on hygiene measures.

7.2 Secure storage conditions, including possible incompatibilities

Store in accordance with local regulations. Store in the original container protected from direct sunlight in a dry, cool and well-ventilated area, separated from incompatible materials (see section 10) and food and beverages. Keep the container legally closed and sealed at the time of use. Open packagings must be carefully closed and kept upright to prevent spillage. Do not store in unlabeled containers. Use appropriate safety packaging to avoid environmental pollution.

7.3 Specific end uses

Recommendations: not available.

Industry-specific solutions : Not available.

SECTION 8. Exposure controls/personal protection

The information collected in this section contains data and guidance of a generic nature. The list of identified uses in Section 1 should be consulted for the specific available use information that is collected under Exposure scenario(s) if the substance had any.

8.1 Control settings

Occupational exposure limits

The exposure limit value is unknown.

Recommended control procedures : If this product contains ingredients with exposure limits, personal, work environment or biological monitoring may be required to determine the effectiveness of ventilation or other control measures and/or the need for respiratory protective equipment. Monitoring standards such as European standards EN 689 (Atmospheres in the workplace) should be used as a reference. Guidelines for the assessment of inhalation exposure of chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Atmospheres in the workplace . Guidelines for the application and use of procedures for assessing exposure to chemical and biological agents)European Standard EN 482 (Atmospheres in the workplace. General requirements for the operation of procedures for the measurement of chemical agents) National guidance documents on methods for the determination of hazardous substances should also serve as a reference.

Levels with no derived effect

No LED value is available.

Predicted effect levels

No PEC value is available.

8.2 Exposure controls

Appropriate technical controls : Regular ventilation should be sufficient to control the worker's exposure to airborne pollutants.

Personal protection measures

Surname and first name of the product

: 4MW CERASUR  77956

Version: 4

- Hygiene measures:** Wash hands, forearms and face completely after handling chemicals, before eating, smoking and using the sink and at the end of the work period. Use appropriate techniques to dispose of contaminated clothing. Wash contaminated clothing before reusing it. Check that eyewash stations and safety showers are near workstations.
- Eye/face protection** : Eye protection equipment conforming to approved standards must be used when a risk assessment indicates that it is necessary, in order to avoid exposure to splashes of liquid, drizzle, gases or dust. If contact is possible, the following protection shall be used, unless the assessment indicates a higher degree of protection: safety goggles with lateral protection.
- Skin protection Hand protection** : If a risk assessment indicates that it is necessary to wear chemically resistant and impenetrable gloves that meet approved standards whenever chemicals are handled.
- Body protection:** Before using this product, you need to select the personal protective equipment for the body according to the task to be performed and the risks involved and must be approved by an expert.
- Other type of skin protection** : Appropriate footwear and any other necessary skin protection measures must be chosen according to the task performed and the risks outstanding. These measures must be approved by a specialist before proceeding with the handling of this product.
- Respiratory protection:** On the basis of the risk and exposure assessment, select a manager who meets the appropriate standards or certifications. Respirators should be used in accordance with a respiratory protection program to ensure their adequacy, training and other aspects of proper use.
- Environmental exposure controls** : Emissions from ventilation equipment or work processes must be checked to ensure that they comply with the requirements of environmental protection legislation. In some cases, to reduce emissions to an acceptable level, it is necessary to use smoke scrubbers, filters or modify the design of the treatment equipment.

SECTION 9. Physical and chemical properties


9.1 Information on basic physical and chemical properties

- Fitness color** : Liquid. [(Solid)]
- smell** : 10 [ASTM D 156]
- Olfactory threshold pH** : Not available.
- Melting point/freezing point** : Not available.
: 71 to 75°C
- Initial boiling point and boiling interval** : Not available.
- Flash point**
- Evaporation rate** : Open vase: >280°C
: Not available.
- Flammability (solid, gas):** Not available.
- Burning time Burning rate** : Not applicable.
- Upper/lower flammability or explosive limits** : Not applicable.
: Not available.
- Vapour pressure**
- Vapour density** : Not available.
: Not available.

Surname and first name of the product

: 4 MW CERASUR 

Version: 4

Relative density : Not available.
Density : Not available.
Solubility(fr) : Insoluble in the following materials: cold water and hot water.
Solubility in water: Not available.
Distribution coefficient: : Not available.
n- octanol/water
Auto-ignition temperature : Not available.
Decomposition temperature : Not available.
Viscosity Explosive properties :  4.5 mm²/s [100 °C]
Oxidizing properties: Not available.

9.2 Other data

No additional information.

SECTION 10. Stability and reactivity

10.1 Reactivity: No test data are available on the reactivity of this product or its Components.

10.2 Chemical stability: The product is stable.

10.3 Possibility of dangerous reactions : Under normal conditions of storage and use, no dangerous reactions 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, no hazardous decomposition products should be formed.

SECTION 11. Toxicological information

11.1 Information on toxicological effects Acute toxicity

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

Irritation/Corrosion Conclusion/Summary

:

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

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

Respiratory: On the basis of the available data, the classification criteria are not met.

Awareness-raising

Conclusion/summary:



MATERIAL SAFETY DATA SHEET

in compliance of the regulation (EC) Mr President, n.º 1907/2006 (REACH), annex II altered by the regulation (EU) n.º 2015/830 -

Skin:

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

Surname and first name of the product

: 4 MW CERASUR 77956

Version: 4

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

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

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

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

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

Information on possible routes of exposure : Not available.

Potential acute health effects

Eye contact: No significant effects or critical risks are known.

Inhalation: No significant effects or critical risks are known.

Skin contact: No significant effects or critical risks are known.

Ingestion: No significant effects or critical risks are known.

Symptoms related to physical, chemical and toxicological characteristics

Eye contact: No specific data.

Inhalation Skin contact Ingestion : No specific data.

contact Ingestion : No specific data.

: No specific data.

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

Short-term exposure

Possible immediate effects: Not available.

Potential Delayed not available.

Effects: Long-Term

Exposure

Possible immediate effects: Not available.

Possible delayed effects: Not available.

Potential chronic health effects

not available.

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

General: No significant effects or critical risks are known.

Carcinogenicity: No significant effects or critical risks are known.

Mutagenesis: No significant effects or critical risks are known.

Teratogenicity: No significant effects or critical risks are known.

Developmental Effects on fertility: No significant effects or critical risks are known.

Other data: Not available.

Surname and first name of the product

: 4MW CERASUR  7956

Version: 4

SECTION 12. Ecological information

12.1 toxicity

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

12.2 Persistence and degradability

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

12.3 Bioaccumulation potential

not available.

12.4 Mobility on the ground

: Not available.

Land/water partition coefficient (K_{OC})

: Not available.

mobility

12.5 Results of pbt and mPmb assessment

No.

PBT: not available.

mPmB:

12.6 Other adverse reactions: No significant effects or critical risks are known.

SECTION 13. Disposal considerations

The information collected in this section contains data and guidance of a generic nature. The list of identified uses in Section 1 should be consulted for the specific use information available under Exposure scenario(s) if the substance has been exposed.

13.1 Waste Treatment Methods Product

Disposal methods : Avoid or minimize waste generation if possible. The disposal of this product, its solutions and any derivatives must always meet the requirements of environmental protection andwastedisposal legislation and the requirements of local authorities. Dispose of leftovers and non-recyclable products through a contract manufacturer authorized for disposal. Waste must not be disposed of in untreated sewers unless it is compatible with the requirements of all competent authorities.

Hazardous waste: On the basis of its current knowledge, the supplier does not consider this product as hazardous waste under the EUROPEAN Directive 2008/98/EC.

packed Disposal methods: Avoid or minimize waste generation if possible. Residual packaging must be recycled. Incineration or burial should only be considered when recycling is not possible.

Replace residues of the product and its containers with all possible precautions. Empty packaging or coatings may contain residues of the product. Avoid dispersal of spilled material, its contact with the ground, waterways, drains and sewers.

Special

precautions:

Surname and first name of the product

: 4 MW CERASUR 77956

Version: 4

SECTION 14. Transport information

	ADR/RID	DNA	IMDG	IATA
14.1 UN number	Unregulated.	Unregulated.	Not regulated.	Not regulated.
14.2 United Nations proper shipping name	-	-	-	-
14.3 Transport hazard class(s)	-	-	-	-
14.4 Packing group	-	-	-	-
14.5 Environmental hazards	No.	No.	No.	No.
Additional information	-	-	-	-

14.6 Special precautions for users

: **Transport in users' premises:** always transport in closed vertical and safe containers. Ensure that people transporting the product know what will happen in the event of an accident or spill.

14.7 Carriage in bulk in accordance with MARPOL Annex II and the IBC code

Notes: Not available.

SECTION 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)

Regulation (EC) No. 1272/2008 [CLP]

International Convention for the Prevention of Pollution from Ships MARPOL 73 as amended. International Maritime Dangerous Goods Code (IMDG Code) in accordance with Chapter VII of the International Convention for the Safety of Life at Sea, 1974.

Annex XIV - List of substances subject to authorisation

Annex XIV

None of the components are listed.

Substances of very high concern None of the components are listed.

Annex XVII - : Not applicable.

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

Other EU regulations



MATERIAL SAFETY DATA SHEET

in compliance of the regulation (EC) Mr President, n.º 1907/2006 (REACH), annex II altered by the regulation (EU) n.º 2015/830 -
Together, we create your business

Inventory of

Europe: This material is listed or is exempt.

Surname and first name of the product

: 4 MW CERASUR 77956

Version: 4

Ozone-depleting substances **(1005/2009/EU)**

Not registered.

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

Not registered.

Substances which may be used as drug precursors in accordance with Regulations (EC) No 273/2004 and (EC) No 111/2005.

Ingredient name	annex	status
Not registered.		

Directive Seveso

This product is not controlled by the Seveso Directive.

International regulation

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

Not registered.

Montreal Protocol (Annexes A, B, C, E)

Not registered.

Stockholm Convention on Persistent Organic Pollutants

Not registered.

Rotterdam Convention on Prior Informed Consent (PIC)

Not registered.

Aarhus Protocol on Heavy Metals and UNECE COP

Not registered.

International lists

National inventory

- Australia:** This material is listed or exempt.
- Canada:** This material is listed or exempt.
- China:** This material is listed or exempt.
- Japan:** **Japan Substances Inventory (ENCS):** Not determined.
Japan Substances Inventory (ISHL): Not determined.
- Malaysia:** Not determined.
- New Zealand:** This material is listed or exempt.
- Philippines:** This material is listed or exempt.
- Republic of Korea:** This material is listed or exempt.
- Taiwan:** This material is listed or exempt.
- Turkey:** This material is listed or exempt.
- United States:** This material is listed or exempt.

15.2 Chemical safety assessment : Not available.

Surname and first name of the product

: 4 MW CERASUR 

Version: 4

SECTION 16. Other information

Brand: Indicates information that has changed since the previous version was edited.

Abbreviations and **acronyms:** ETA = Acute Toxicity Estimate
 CLP = Regulation on classification, labelling and packaging (Regulation (EC) No 1272/2008)
 DNEL = Level with no derived effect
 INDICATION EUH = Specific indication of danger of CLP PNEC
 = Predicted no-effect concentration
 NRN = REACH Registration Number

Procedure used to deduct classification in accordance with Regulation (EC) No. 1272/2008 [CLP/SGA]

ranking	justification
Uncategorized.	

Full text of abbreviated H-phrases

not applicable.

Full text of classifications [CLP/SGA]

not applicable.

CN code : -  12

Date of printing : 23/05/2019

Date of issue / Date of revision : 23/05/2019

Version: 4

Date of previous issue : 01/08/2017

Notice to the reader:

According to our knowledge and experience, the information contained here is correct. However, neither the provider nor any of its subsidiaries assume responsibility for the accuracy or integrity of the information contained herein. The final determination of 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 some dangers are described here, we cannot guarantee that they are the only ones that exist.