

## SAFETY DATA SHEET

## UFO Bearing Pulley Wheel Oil

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

SDS created for the UNITED ARAB EMIRATES according to GHS

## 1.1. Product identifier

## Trade name

UFO Bearing Pulley Wheel Oil

## Other names / Synonyms

CeramicSpeed Pulley Wheel Oil  
CeramicSpeed Oil for Pulley Wheel Bearings

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

## Relevant identified uses of the substance or mixture

Lubricant

## Uses advised against

None known.

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

## Company and address

**Ceramicspeed A/S**  
Noergaardsvej 3  
7500 Holstebro  
Denmark  
+45 9740 2544

## E-mail

info@ceramicspeed.com

## SDS date

10/27/2023

## SDS Version

1.0

## 1.4. Emergency telephone number

Contact the local emergency services.  
See section 4 "First aid measures".

## SECTION 2: Hazards identification

Classified according to GHS.

## 2.1. Classification of the substance or mixture

Asp. Tox. 1; H304, May be fatal if swallowed and enters airways.

## 2.2. Label elements

## Hazard pictogram(s)



## Signal word

Danger

## Hazard statement(s)

May be fatal if swallowed and enters airways. (H304)

## Precautionary statement(s)

## General

If medical advice is needed, have product container or label at hand. (P101)  
Keep out of reach of children. (P102)

## Prevention

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## Response

According to GHS Rev. 8, 2019

IF SWALLOWED: Immediately call a POISON CENTER/doctor. (P301+P310)  
Do NOT induce vomiting. (P331)

**Storage**

Store locked up. (P405)

**Disposal**

Dispose of contents/container in accordance with local regulation (P501)

**Hazardous substances**

Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated Dec-1-ene, dimers, hydrogenated

**Additional labelling**

Not applicable.

**2.3. Other hazards**

**Additional warnings**

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

**SECTION 3: Composition/information on ingredients**

**3.1. Substances**

Not applicable. This product is a mixture.

**3.2. Mixtures**

Product/substance	Identifiers	% w/w	Classification	Note
Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated	CAS No.: 68037-01-4 EC No.: 500-183-1	>70 - <90%	Asp. Tox. 1, H304	
Dec-1-ene, dimers, hydrogenated	CAS No.: 68649-11-6 EC No.: 500-228-5	>= 10 - <20%	Asp. Tox. 1, H304 Acute Tox. 4, H332	

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

**Other information**

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**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

In the case of accident: Contact a doctor or casualty department – bring the label or this safety data sheet. Contact a doctor if in doubt about the injured person’s condition or if the symptoms persist. Never give an unconscious person water or other drink.

**Inhalation**

Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.

**Skin contact**

Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners. If skin irritation occurs: Get medical advice/attention.

**Eye contact**

If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.

**Ingestion**

IF SWALLOWED: Immediately call a POISON CENTER/doctor.

Do not induce vomiting! If vomiting occurs, keep head facing down so that vomit does not get into the lungs. Call a doctor or ambulance. Symptoms of chemical pneumonia can appear after several hours. People who have swallowed the product should therefore be kept under medical attention for at least 48 hours.

**Burns**

Not applicable.

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

This product contains substances that can cause chemical pneumonia if swallowed. Symptoms of chemical pneumonia may appear after several hours.

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

IF exposed or concerned:

Get immediate medical advice/attention.

#### Information to medics

Bring this safety data sheet or the label from this product.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media: Alcohol-resistant foam, carbon dioxide, powder, water mist.

Unsuitable extinguishing media: Waterjets should not be used, since they can spread the fire.

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

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

If the product is exposed to high temperatures, e.g. in the event of fire, dangerous decomposition compounds are produced. These are:

Carbon oxides (CO / CO<sub>2</sub>)

#### 5.3. Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the national poisons emergency services in order to obtain further advice.

### SECTION 6: Accidental release measures

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

Avoid direct contact with spilled substances.

Contaminated areas may be slippery.

#### 6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

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

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations.

Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

#### 6.4. Reference to other sections

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Avoid direct contact with the product.

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

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

Containers that have been opened must be carefully resealed and kept upright to prevent leakage.

##### Recommended storage material

Keep only in original packaging.

##### Storage temperature

0 - 40°C

##### Incompatible materials

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

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

This product should only be used for applications quoted in section 1.2.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

According to GHS Rev. 8, 2019

No substances are listed with an occupational exposure limit.

**8.2. Exposure controls**

Control is unnecessary if the product is used as intended.

**General recommendations**

Smoking, drinking and consumption of food is not allowed in the work area.

**Exposure scenarios**

There are no exposure scenarios implemented for this product.

**Exposure limits**

Occupational exposure limits have not been defined for the substances in this product.

**Appropriate technical measures**

Apply standard precautions during use of the product. Avoid inhalation of vapours.

**Hygiene measures**

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Always wash hands, forearms and face.

**Measures to avoid environmental exposure**

Keep damming materials near the workplace. If possible, collect spillage during work.

**Individual protection measures, such as personal protective equipment**

**Generally**

Use only CE marked protective equipment.

**Respiratory Equipment**

Type	Class	Colour	Standards
No specific requirements			

**Skin protection**

Recommended	Type/Category	Standards
No specific requirements.	-	-

**Hand protection**

Material	Glove thickness (mm)	Breakthrough time (min.)	Standards
Nitrile	-	-	EN374-2



**Eye protection**

Type	Standards
Safety glasses with side shields.	EN166



**SECTION 9: Physical and chemical properties**

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

**Form**

Liquid

**Colour**

Colourless

**Odour**

Characteristic

**Odour threshold (ppm)**

Testing not relevant or not possible due to the nature of the product.

**pH**

Testing not relevant or not possible due to the nature of the product.

**Density (g/cm<sup>3</sup>)**

0.82

**Kinematic viscosity**

15 mm<sup>2</sup>/s

**Phase changes**

According to GHS Rev. 8, 2019

**Melting point (°C)**

Testing not relevant or not possible due to the nature of the product.

**Boiling point (°C)**

Testing not relevant or not possible due to the nature of the product.

**Vapour pressure**

Testing not relevant or not possible due to the nature of the product.

**Vapour density**

Testing not relevant or not possible due to the nature of the product.

**Decomposition temperature (°C)**

Testing not relevant or not possible due to the nature of the product.

**Evaporation rate (n-butylacetate = 100)**

**Data on fire and explosion hazards**

**Flash point (°C)**

180

**Flammability (°C)**

Testing not relevant or not possible due to the nature of the product.

**Auto-ignition temperature (°C)**

Testing not relevant or not possible due to the nature of the product.

**Explosion limits (% v/v)**

Testing not relevant or not possible due to the nature of the product.

**Explosive properties**

Testing not relevant or not possible due to the nature of the product.

**Oxidizing properties**

Testing not relevant or not possible due to the nature of the product.

**Solubility**

**Solubility in water**

Insoluble

**n-octanol/water coefficient**

Testing not relevant or not possible due to the nature of the product.

**Solubility in fat (g/L)**

Testing not relevant or not possible due to the nature of the product.

**9.2. Other information**

No data available.

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

No data available.

**10.2. Chemical stability**

The product is stable under the conditions, noted in section 7 "Handling and storage".

**10.3. Possibility of hazardous reactions**

None known.

**10.4. Conditions to avoid**

None known.

**10.5. Incompatible materials**

Strong acids, strong bases, strong oxidizing agents, and strong reducing agents.

**10.6. Hazardous decomposition products**

The product is not degraded when used as specified in section 1.

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Acute toxicity**

Product/substance	Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated
Test method:	OECD 423
Species:	Rat
Route of exposure:	Oral
Test:	LD50
Result:	>5000 mg/kg

Product/substance	Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated
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According to GHS Rev. 8, 2019

Test method: OECD 403  
 Species: Rat  
 Route of exposure: Inhalation  
 Test: LC50 (4 hours)  
 Result: 5,2 mg/L

Product/substance: Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated  
 Test method: OECD 402  
 Species: Rat  
 Route of exposure: Dermal  
 Test: LD50  
 Result: 2000 mg/kg

Product/substance: Dec-1-ene, dimers, hydrogenated  
 Test method: OECD 401  
 Species: Rat  
 Route of exposure: Oral  
 Test: LD50  
 Result: >5000 mg/kg

Product/substance: Dec-1-ene, dimers, hydrogenated  
 Test method: OECD 403  
 Species: Rat  
 Route of exposure: Inhalation  
 Test: LC50 (4 hours)  
 Result: 1,17 mg/L

Product/substance: Dec-1-ene, dimers, hydrogenated  
 Test method: OECD 402  
 Species: Rabbit  
 Route of exposure: Dermal  
 Test: LD50  
 Result: >3000 mg/kg

#### Skin corrosion/irritation

Product/substance: Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated  
 Test method: OECD 404  
 Species: Rabbit  
 Result: No adverse effect observed (Not irritating)

Product/substance: Dec-1-ene, dimers, hydrogenated  
 Test method: OECD 404  
 Species: Rabbit  
 Result: No adverse effect observed (Not irritating)

#### Serious eye damage/irritation

Product/substance: Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated  
 Test method: OECD 405  
 Species: Rabbit  
 Result: No adverse effect observed (Not irritating)

Product/substance: Dec-1-ene, dimers, hydrogenated  
 Test method: OECD 405  
 Species: Rabbit  
 Result: No adverse effect observed (Not irritating)

#### Respiratory sensitisation

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

#### Skin sensitisation

Product/substance: Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated  
 Test method: OECD 406  
 Species: Guinea pig  
 Result: No adverse effect observed (not sensitising)

Product/substance: Dec-1-ene, dimers, hydrogenated  
 Test method: OECD 406  
 Species: Guinea pig

According to GHS Rev. 8, 2019

Result: No adverse effect observed (not sensitising)

**Germ cell mutagenicity**

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

**Carcinogenicity**

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

**Reproductive toxicity**

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

**STOT-single exposure**

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

**STOT-repeated exposure**

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

**Aspiration hazard**

May be fatal if swallowed and enters airways.

**Long term effects**

None known.

**SECTION 12: Ecological information**

**12.1. Toxicity**

Product/substance: Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated  
 Test method: OECD 203  
 Species: Fish, *Oncorhynchus mykiss*  
 Duration: 96 hours  
 Result: >1000 mg/L

Product/substance: Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated  
 Test method: OECD 202  
 Species: *Daphnia*, *Daphnia magna*  
 Duration: 48 hours  
 Result: >1000 mg/L

Product/substance: Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated  
 Test method: OECD 201  
 Species: Algae, *Selenastrum capricornutum*  
 Duration: 72 hours  
 Result: >1000 mg/L

Product/substance: Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated  
 Species: *Daphnia*, *Daphnia magna*  
 Duration: 21 days  
 Test: NOEC  
 Result: 125 mg/L

Product/substance: Dec-1-ene, dimers, hydrogenated  
 Test method: OECD 203  
 Species: Fish, *Oncorhynchus mykiss*  
 Duration: 96 hours  
 Test: LC50  
 Result: >1000 mg/L

Product/substance: Dec-1-ene, dimers, hydrogenated  
 Test method: OECD 202  
 Species: *Daphnia*, *Daphnia magna*  
 Duration: 48 hours  
 Result: >1000 mg/L

Product/substance: Dec-1-ene, dimers, hydrogenated  
 Test method: OECD 201  
 Species: Algae, *Selenastrum capricornutum*  
 Duration: 72 hours  
 Result: >1000 mg/L

Product/substance: Dec-1-ene, dimers, hydrogenated

According to GHS Rev. 8, 2019

Test method: OECD 211  
 Species: Daphnia, Daphnia magna  
 Duration: 21 days  
 Result: 125 mg/L

#### 12.2. Persistence and degradability

No data available.

#### 12.3. Bioaccumulative potential

Product/substance Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated  
 Potential bioaccumulation: No  
 LogPow: >6,5  
 BCF: No data available.

Product/substance Dec-1-ene, dimers, hydrogenated  
 Potential bioaccumulation: No data available.  
 LogPow: >6,5  
 BCF: No data available.

#### 12.4. Mobility in soil

No data available.

#### 12.5. Results of PBT and vPvB assessment

This mixture/product does not contain any substances considered to meet the criteria classifying them as PBT and/or vPvB.

#### 12.6. Other adverse effects

None known.

### SECTION 13: Disposal considerations

#### Waste treatment methods

Product is not covered by regulations on dangerous waste.

#### Specific labelling

#### Contaminated packing

Packaging containing residues of the product must be disposed of similarly to the product.

### SECTION 14: Transport information

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other information:
ADR	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

\* Packing group

\*\* Environmental hazards

#### Additional information

Not dangerous goods according to ADR, IATA and IMDG.

#### 14.6. Special precautions for user

Not applicable.

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

### SECTION 15: Regulatory information

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

##### Restrictions for application

No special.

##### Demands for specific education

No specific requirements.

##### Additional information

Tactile warning.

If this product is sold in retail, it must be delivered with child-resistant fastening.



According to GHS Rev. 8, 2019

### Sources

Globally Harmonized System of Classification and Labelling of Chemicals (GHS Rev. 8, 2019)

### 15.2. Chemical safety assessment

No

## SECTION 16: Other information

### Full text of H-phrases as mentioned in section 3

H304, May be fatal if swallowed and enters airways.

H332, Harmful if inhaled.

### The full text of identified uses as mentioned in section 1

None known.

### Abbreviations and acronyms

ACGIH = American Conference of Governmental Industrial Hygienists

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CERCLA = Comprehensive Environmental Response Compensation and Liability Act

DOT = Department of Transportation

EINECS = European Inventory of Existing Commercial chemical Substances

EPCRA = Emergency Planning and Community Right-To-Know Act

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HCIS = Hazardous Chemical Information System

HNOC = Hazards Not Otherwise Classified

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

NFPA = National Fire Protection Association

NIOSH = National Institute for Occupational Safety and Health

OECD = Organisation for Economic Co-operation and Development

OSHA = Occupational Safety and Health Administration

PBT = Persistent, Bioaccumulative and Toxic

RCRA = Resource Conservation and Recovery Act

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

RRN = REACH Registration Number

SARA = Superfund Amendments and Reauthorization Act

SCL = A specific concentration limit.

STEL = Short-term exposure limits

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TSCA = The Toxic Substances Control Act

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound

vPvB = Very Persistent and Very Bioaccumulative

### Additional information

In accordance with GHS the evaluation of the classification of the mixture is based on:

The classification of the mixture in regard of health hazards is in accordance with the calculation methods given by GHS.

### The safety data sheet is validated by

LS

### Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a blue triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product. Information in this safety data sheet cannot be used as a product specification.

According to GHS Rev. 8, 2019

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Country-language: AE-en