

SAFETY DATA SHEET

UFO Bearing Pulley Wheel Oil

SECTION 1: Identification

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

1/9/2023

SDS Version

2.0

Date of previous version

1/4/2023 (1.0)

1.4. Emergency telephone number

Contact the poison control at 1-800-222-1222 (24/7) or use the webPOISONCONTROL® (triage.webpoisoncontrol.org) to get specific guidance for your case
See also section 4 "First aid measures".

SECTION 2: Hazard(s) identification

▼ OSHA/HCS status

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

▼ 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)

Safety statement(s)

▼ General

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

Prevention

-

▼ **Response**

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)

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	>70 - <90%	Asp. Tox. 1, H304	
Dec-1-ene, dimers, hydrogenated	CAS No.: 68649-11-6	>= 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

None known.

SECTION 4: First-aid measures

4.1. ▼ Description of first aid measures

General information

If breathing is irregular, drowsiness, loss of consciousness or cramps: Call 911 and give immediate treatment (first aid).

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**

Upon irritation of the eye: Remove contact lenses and open eyes widely. Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. 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: Fire-fighting 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 / CO₂)

5.3. ▼ Advice for firefighters

Wear self-contained breathing apparatus and protective clothing to prevent contact. Upon direct exposure contact the Poison Help Line on 1-800-222-1222 (24/7) 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.

6.2. Environmental precautions

Avoid discharge to lakes, streams, sewers, etc.

6.3. Methods and material for containment and cleaning up

Use sand, earth, vermiculite, diatomaceous earth to contain and collect non-combustible absorbent materials 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.

Liquid class

Combustible Liquid / Class IIIB (NFPA 30)

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

No substances are listed with a permissible exposure limit (ref: 29 CFR 1910.1000 TABLE Z-1)

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.

8.3. Individual protection measures, such as personal protective equipment

Generally

Use only protective equipment with a recognized certification mark, e.g. the UL mark.

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

Physical state

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/cm³)

0.82

▼ Viscosity

15 mm²/s

Phase changes

Melting point (°F)

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

Boiling point (°F)

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 (°F)

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

Data on fire and explosion hazards

Flash point (°F)

-

Flash point (°C)

180

Ignition (°F)

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

Auto flammability (°F)

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.

Solubility

Solubility in water

Insoluble

n-octanol/water coefficient

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

9.2. Other information

Solubility in fat (g/L)

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

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
Other information	

Product/substance	Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated
Test method	OECD 403
Species	Rat
Route of exposure	Inhalation
Test	LC50 (4 hours)
Result	5,2 mg/L

Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2012)

Other information

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
 Other information

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

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
 Other information

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

▼ Skin corrosion/irritation

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

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

▼ Serious eye damage/irritation

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

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

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

Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2012)

Test method	OECD 406
Species	Guinea pig
Result	No adverse effect observed (not sensitising)
Other information	

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

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.

Other information

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, <i>Oncorhynchus mykiss</i>
Compartment	
Duration	96 hours
Test	
Result	>1000 mg/L
Other information	

Product/substance	Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated
Test method	OECD 202
Species	Daphnia, <i>Daphnia magna</i>
Compartment	
Duration	48 hours
Test	
Result	>1000 mg/L
Other information	

Product/substance	Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated
Test method	OECD 201
Species	Algae, <i>Selenastrum capricornutum</i>
Compartment	
Duration	72 hours
Test	
Result	>1000 mg/L
Other information	

Product/substance	Dec-1-ene, homopolymer, hydrogenated Dec-1-ene, oligomers, hydrogenated
Test method	
Species	Daphnia, <i>Daphnia magna</i>
Compartment	
Duration	21 days
Test	NOEC
Result	125 mg/L

Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2012)

Other information

Product/substance	Dec-1-ene, dimers, hydrogenated
Test method	OECD 203
Species	Fish, <i>Oncorhynchus mykiss</i>
Compartment	
Duration	96 hours
Test	LC50
Result	>1000 mg/L
Other information	

Product/substance	Dec-1-ene, dimers, hydrogenated
Test method	OECD 202
Species	Daphnia, <i>Daphnia magna</i>
Compartment	
Duration	48 hours
Test	
Result	>1000 mg/L
Other information	

Product/substance	Dec-1-ene, dimers, hydrogenated
Test method	OECD 201
Species	Algae, <i>Selenastrum capricornutum</i>
Compartment	
Duration	72 hours
Test	
Result	>1000 mg/L
Other information	

Product/substance	Dec-1-ene, dimers, hydrogenated
Test method	OECD 211
Species	Daphnia, <i>Daphnia magna</i>
Compartment	
Duration	21 days
Test	
Result	125 mg/L
Other information	

12.2. Persistence and degradability

No data available.

12.3. ▼ Bioaccumulative potential

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

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

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

RCRA Hazardous waste ("P" and "U" list) (40 CFR 261)

Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2012)

None of the components are listed

Specific labelling

Not applicable.

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
DOT	-	-	-	-	-	-
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

15.2. U.S. Federal regulations

TSCA

None of the components are listed

Clean Air Act

None of the components are listed

EPCRA Section 302

None of the components are listed

EPCRA Section 304

None of the components are listed

EPCRA section 313

None of the components are listed

CERCLA

None of the components are listed

State regulations

California / Prop. 65

None of the components are listed

Massachusetts / Right To Know Act

None of the components are listed

New Jersey / Right To Know Act

None of the components are listed

New York / Right To Know Act

None of the components are listed

Pennsylvania / Right To Know Act

None of the components are listed

15.4. Restrictions for application

None known.

15.5. Demands for specific education

No specific requirements.

▼ 15.6. Additional information

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

15.7. Chemical safety assessment

No

15.8. Sources

OSHA Hazard Communication Standard (29 CFR 1910.1200)

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

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

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

The classification of the mixture in regard of health hazards are in accordance with the calculation methods given by HCS (29 CFR 1910.1200).

▼ 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.

Country-language: US-en