

Safety data sheet
according to 1907/2006/EC, Article 31

Printing and revision 30.09.2022

Version number 11

Modification: 30.09.2022

Page 1/5

1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name:** SYN-setral-CA/C2-400 FD
- **Article number:** 033161
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Grease
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
SETRAL Chemie GmbH
Salzsteinstrasse 4
D-82402 SEESHAUPT
Tel: 08801/97-10
Fax: 08801/97-30
- **Further information obtainable from:** msds@setral.net

2 Hazards identification

- **Classification of the substance or mixture**
The product is not classified, according to the Globally Harmonised System (GHS).
- **Label elements**
- **GHS label elements** Void
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements** Void
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterisation:** Mixtures
- **Description:** Fully synthetic grease

Dangerous components:

61789-86-4	Sulfonic acids, petroleum, calcium salts Skin Sens. 1B, H317; Acute Tox. 5, H313	0.5-<10%
68584-23-6	Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts Skin Sens. 1B, H317; Acute Tox. 5, H313	0.5-<10%
70024-69-0	Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts Skin Sens. 1B, H317	0.5-<10%
68411-46-1	Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene Aquatic Chronic 3, H412	0.5-<2.5%

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

4 First aid measures

- **Description of first aid measures**
- **General information:** No special measures required.
- **After inhalation:** Not applicable, because solids and paste is free of solvents.
- **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
If skin irritation continues, consult a doctor.
- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.
- **After swallowing:** Do not induce vomiting; call for medical help immediately.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.

(Contd. on page 2)

ONU

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Version number 11

Modification: 30.09.2022

Trade name: SYN-setral-CA/C2-400 FD

(Contd. of page 1)

- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
CO2, sand, extinguishing powder. Do not use water.
Use fire extinguishing methods suitable to surrounding conditions.
- **For safety reasons unsuitable extinguishing agents:** Water
- **Special hazards arising from the substance or mixture** Do not breathe gases and smokes from fire
- **Advice for firefighters**
- **Protective equipment:** Mount respiratory protective device.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
Particular danger of slipping on leaked/spilled product.
- **Environmental precautions:** Do not allow product to reach sewage system or any water course.
- **Methods and material for containment and cleaning up:** Pick up mechanically.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
No special measures required.
No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** Keep respiratory protective device available.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Prevent any seepage into the ground.
- **Information about storage in one common storage facility:** Store away from oxidising agents.
- **Further information about storage conditions:** Store in cool, dry conditions in well sealed receptacles.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:**
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.
- **Protection of hands:**



Protective gloves

Material of gloves

Nitrile rubber, NBR
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

(Contd. on page 3)

ONU

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Trade name: SYN-setral-CA/C2-400 FD

(Contd. of page 2)

· Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· Eye protection:

Safety glasses

9 Physical and chemical properties**· Information on basic physical and chemical properties****· General Information****· Appearance:**

Form: Paste
Colour: Colourless - yellow pale
Odour: Characteristic
Odour threshold: Not determined.

· pH-value: Not applicable.**· Change in condition**

Melting point/freezing point: Undetermined.
Initial boiling point and boiling range: 218 °C

· Flash point: >200 °C**· Flammability (solid, gas):** Not determined.**· Decomposition temperature:** Not determined.**· Auto-ignition temperature:** Not determined.**· Explosive properties:** Product does not present an explosion hazard.**· Explosion limits:**

Lower: Not determined.
Upper: Not determined.

· Vapour pressure: Not applicable.**· Density at 20 °C:** 0.96 g/cm³**· Relative density** Not determined.**· Vapour density** Not applicable.**· Evaporation rate** Not applicable.**· Solubility in / Miscibility with****· water:** Insoluble.**· Partition coefficient: n-octanol/water:** Not determined.**· Viscosity:**

Dynamic: Not applicable.
Kinematic: Not applicable.

· Other information No further relevant information available.**10 Stability and reactivity****· Reactivity** No further relevant information available.**· Chemical stability****· Thermal decomposition / conditions to be avoided:** Stable at environment temperature.**· Conditions to avoid** No further relevant information available.**· Incompatible materials:**

Strong oxyding agents
 No further relevant information available.

· Hazardous decomposition products: Hydrocarbons, CO, CO₂

(Contd. on page 4)

-ONU

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Version number 11

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Trade name: SYN-setral-CA/C2-400 FD

(Contd. of page 3)

11 Toxicological information**· Information on toxicological effects****· Acute toxicity****· LD/LC50 values relevant for classification:****61789-86-4 Sulfonic acids, petroleum, calcium salts**

Oral LD50 >16,000 mg/kg (Rat)

Dermal LD50 >4,000 mg/kg (Rabbit)

Inhalative CL50 >1.9 mg/L (Rat) (4h)

68584-23-6 Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts

Oral LD50 >16,000 mg/kg (Rat)

Dermal LD50 >4,000 mg/kg (Rabbit)

Inhalative CL50 >1.9 mg/L (Rat) (4h)

70024-69-0 Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts

Oral LD50 >5,000 mg/kg (Rat) (OECD 401)

Dermal LD50 >5,000 mg/kg (Rabbit) (OECD 402)

68411-46-1 Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene

Oral LD50 >5,000 mg/kg (Rat)

Dermal LD50 >2,000 mg/kg (rat)

· Primary irritant effect:**· Skin corrosion/irritation** No irritant effects known**· Serious eye damage/irritation** Weakly irritant**· Respiratory or skin sensitisation** No sensitising effects known.**12 Ecological information****· Toxicity****· Aquatic toxicity:****61789-86-4 Sulfonic acids, petroleum, calcium salts**

CL50-96H >10,000 mg/l (Fish)

CE50r >1,000 mg/l (Algae) (72h)

CE50 >10,000 mg/l (Bacteria) (3h)

>1,000 mg/l (Daphnia) (48h)

68584-23-6 Benzenesulfonic acid, C10-16-alkyl derivs., calcium salts

CL50-96H >10,000 mg/l (Fish)

CE50r >1,000 mg/l (Algae) (72h)

CE50 >10,000 mg/l (Bacteria) (3h)

>1,000 mg/l (Daphnia) (48h)

70024-69-0 Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts

CL50-96H >10,000 mg/l (Fish) (OECD 203)

CE50 (static) >1,000 mg/l (Algae) (72h)

>10,000 mg/l (Bacteria) (3h)

>1,000 mg/l (Daphnia) (48h)

68411-46-1 Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene

CL50-96H >100 mg/l (Fish)

CE50r >100 mg/l (Algae) (72h)

CE50 51 mg/l (Daphnia) (48h)

· Persistence and degradability No further relevant information available.**· Behaviour in environmental systems:****· Bioaccumulative potential** No further relevant information available.**· Mobility in soil** No further relevant information available.**· Additional ecological information:****· General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow product to reach ground water, water course or sewage system.

(Contd. on page 5)

-ONU

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(Contd. of page 4)

- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation** Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|---|-----------------|
| · UN-Number | |
| · ADR, ADN, IMDG, IATA | Void |
| · UN proper shipping name | |
| · ADR, ADN, IMDG, IATA | Void |
| · Transport hazard class(es) | |
| · ADR, ADN, IMDG, IATA | |
| · Class | Void |
| · Packing group | |
| · ADR, IMDG, IATA | Void |
| · Environmental hazards: | |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| · UN "Model Regulation": | Void |

15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
- H313 May be harmful in contact with skin.
- H317 May cause an allergic skin reaction.
- H412 Harmful to aquatic life with long lasting effects.
- **Department issuing SDS:** see item 1
- **Contact:**
- **Abbreviations and acronyms:**
- Acute Tox. 5: Acute toxicity – Category 5
- Skin Sens. 1B: Skin sensitisation – Category 1B
- Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3
- *** Data compared to the previous version altered.**

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