

Safety data sheet according to UK REACH

Printing and revision 06.02.2025

Version number 60 (replaces version 59)

Modification: 06.02.2025

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

- **1.1 Product identifier**
- **Trade name:** POLY FG 2
- **Article number:** 033072SAM
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the mixture** Grease
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Société SAMARO S.A.S.
ZI Nord - Allée des Petites Combes
F-01700 BEYNOST
Téléphone 04 26 680 680
Téléfax 04 26 680 688
E-mail info@samaro.fr
- **Further information obtainable from:** E-mail info@samaro.fr
- **1.4 Emergency telephone number:**
Members of the public seeking specific information on poisons should contact: In England and Wales: NHS 111 - dial 111
In Scotland: NHS 24- dial 111

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**
Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the GB CLP regulation.
- **Hazard pictograms** Void
- **Signal word** Void
- **Hazard statements**
H412 Harmful to aquatic life with long lasting effects.
- **Precautionary statements**
P273 Avoid release to the environment.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Lubricating grease

Dangerous components:

CAS: 1305-62-0 EINECS: 215-137-3 Reg.nr.: 01-2119475151-45	calcium dihydroxide ☠ Eye Dam. 1, H318; ☠ Skin Irrit. 2, H315; STOT SE 3, H335	<2.5%
CAS: 128-37-0 EINECS: 204-881-4 Reg.nr.: UK-01-7190623247-6	2,6-di-tert-butyl-p-cresol ☠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410	>0.1- <0.25%
CAS: 471-34-1 EINECS: 207-439-9 Reg.nr.: 01-2119486795-18	calcium carbonate	2.5-10%
CAS: 80939-62-4 EINECS: 279-632-6 Reg.nr.: 01-2119976322-36	Amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates ☠ Aquatic Chronic 2, H411; ☠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	<2.5%

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

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SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** Take affected persons out into the fresh air.
- **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.
- **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 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
- **5.2 Special hazards arising from the substance or mixture** Do not breathe gases and smokes from fire
- **5.3 Advice for firefighters**
- **Protective equipment:** Mount respiratory protective device.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Product spills can make surfaces slippery
- **6.2 Environmental precautions:**
Do not allow to enter sewers/ surface or ground water.
Inform respective authorities in case of seepage into water course or sewage system.
- **6.3 Methods and material for containment and cleaning up:**
Dispose contaminated material as waste according to section 13.
Pick up mechanically.
- **6.4 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.

SECTION 7: Handling and storage

- **7.1 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.
- **7.2 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.
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· **Ingredients with limit values that require monitoring at the workplace:**

1305-62-0 calcium dihydroxide

WEL (Great Britain)

Short-term value: 4* mg/m³Long-term value: 5 1* mg/m³

*resprable fraction

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IOELV (European Union)	Short-term value: 4 mg/m ³ Long-term value: 1 mg/m ³ Respirable fraction
TLV (European Union)	Short-term value: 5 mg/m ³
128-37-0 2,6-di-tert-butyl-p-cresol	
WEL (Great Britain)	Long-term value: 10 mg/m ³
TLV (European Union)	Short-term value: 5 mg/m ³

· **Additional information:** The lists valid during the making were used as basis.

· **8.2 Exposure controls**

· **Appropriate engineering controls** No further data; see section 7.

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

· **General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

· **Respiratory protection:** Not required.

· **Hand protection**



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.

· **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.

· **Eyeface protection**



Safety glasses

SECTION 9: Physical and chemical properties

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

· **General Information**

· **Physical state**

Paste

· **Colour:**

White

· **Odour:**

Characteristic

· **Odour threshold:**

Not determined.

· **Melting point/freezing point:**

Undetermined.

· **Boiling point or initial boiling point and boiling range**

Undetermined.

· **Flammability**

Not determined.

· **Lower and upper explosion limit**

· **Lower:**

Not determined.

· **Upper:**

Not determined.

· **Flash point:**

>250 °C

· **Decomposition temperature:**

Not determined.

· **pH**

Not applicable.

· **Viscosity:**

· **Kinematic viscosity**

Not applicable.

· **Dynamic:**

Not applicable.

· **Solubility**

Soluble in hydrocarbons.

· **water:**

Insoluble.

· **Partition coefficient n-octanol/water (log value)**

Not determined.

· **Vapour pressure:**

Not applicable.

· **Density and/or relative density**

· **Density at 20 °C:**

1.145 g/cm³

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· Relative density	Not determined.
· Vapour density	Not applicable.
· 9.2 Other information	
· Appearance:	
· Form:	Paste
· Important information on protection of health and environment, and on safety.	
· Ignition temperature:	Not determined.
· Explosive properties:	Product does not present an explosion hazard.
· Change in condition	
· Evaporation rate	Not applicable.
· Information with regard to physical hazard classes	
· Explosives	Void
· Flammable gases	Void
· Aerosols	Void
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** Stable at environment temperature.
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:**
Strong oxyding agents
No further relevant information available.
- **10.6 Hazardous decomposition products:** Hydrocarbons, CO, CO2

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

· LD/LC50 values relevant for classification:

1305-62-0 calcium dihydroxide

Oral	LD50	>2,000 mg/kg (Rat) (OECD 425)
Dermal	LD50	>2,000 mg/kg (Rabbit) (OECD 402)

128-37-0 2,6-di-tert-butyl-p-cresol

Oral	LD50	>2,930 mg/kg (Rat) (OCDE 401)
Dermal	LD50	>2,000 mg/kg (Rat) (OCDE 402)

471-34-1 calcium carbonate

Oral	LD50	>2,000 mg/kg (Rat) (OCDE 420)
Dermal	LD50	>2,000 mg/kg (Rat) (OCDE 402)
Inhalative	CL50	>3 mg/L (Rat) (4h)

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80939-62-4 Amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates

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

Dermal LD50 >2,000 mg/kg (Rat) (OCDE 402)

· **Primary irritant effect:**· **Skin corrosion/irritation**

No irritant effects known

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

· **Serious eye damage/irritation**

Weakly irritant

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

· **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.· **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** Based on available data, the classification criteria are not met.· **11.2 Information on other hazards**· **Endocrine disrupting properties**

128-37-0 2,6-di-tert-butyl-p-cresol

List II

SECTION 12: Ecological information· **12.1 Toxicity**· **Aquatic toxicity:****1305-62-0 calcium dihydroxide**

CL50-96H 50.6 mg/l (Fish)

EC50-48H 49.1 mg/l (Daphnia)

CE50 184.57 mg/l /72h (Algae)

NOEC 48 mg/l /72h (Algae)

32 mg/l /14d (Invertebrate)

128-37-0 2,6-di-tert-butyl-p-cresol

CL50-96H >0.57 mg/l (Fish)

CE50 >0.4 mg/l /72h (Algae)

>10,000 mg/l /3h (Bacteria) (OCDE 209)

0.48 mg/l (Daphnia) (OCDE 202 48H)

NOEC 0.023 mg/l /21d (Daphnia)

0.053 mg/l /42d (Fish)

471-34-1 calcium carbonate

CE50 >1,000 mg/l (microorganisms) (3h)

>1,000 mg/l /14d (terrestrial arthropods)

80939-62-4 Amines, C11-14-branched alkyl, monohexyl and dihexyl phosphates

CE0 ≥1 mg/l (Daphnia) (48h OCDE 202)

CE10 4.9 mg/l /72h (Algae)

CL50-96H 5.5 mg/l (Fish) (OCDE 203)

OCDE 301 B 12-13 % (Biodegradability) (28d)

CE50 >10 mg/l (Algae) (72h OCDE 201)

>100 mg/l (Bacteria) (3h OCDE 209)

NOEC >10 mg/l (Daphnia) (21d OCDE 211)

· **12.2 Persistence and degradability** No further relevant information available.· **12.3 Bioaccumulative potential** No further relevant information available.· **12.4 Mobility in soil** No further relevant information available.· **12.5 Results of PBT and vPvB assessment**· **PBT:** Not applicable.· **vPvB:** Not applicable.· **12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.

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- **12.7 Other adverse effects**
- **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.
Harmful to aquatic organisms

SECTION 13: Disposal considerations

- **13.1 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.

SECTION 14: Transport information

- | | |
|---|-----------------|
| · 14.1 UN number or ID number | Void |
| · ADR, ADN, IMDG, IATA | |
| · 14.2 UN proper shipping name | Void |
| · ADR, ADN, IMDG, IATA | |
| · 14.3 Transport hazard class(es) | |
| · ADR, ADN, IMDG, IATA | |
| · Class | Void |
| · 14.4 Packing group | |
| · ADR, IMDG, IATA | Void |
| · 14.5 Environmental hazards: | |
| · Marine pollutant: | No |
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Maritime transport in bulk according to IMO instruments | Not applicable. |
| · UN "Model Regulation": | Void |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Poisons Act**

- **Regulated explosives precursors**

None of the ingredients is listed.

- **Regulated poisons**

None of the ingredients is listed.

- **Reportable explosives precursors**

None of the ingredients is listed.

- **Reportable poisons**

None of the ingredients is listed.

- **Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 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.

The above information in this safety data sheet is based on our current knowledge and experience and describes the product with regard to safety requirements. The information is in no way to be regarded as a certificate of analysis or technical data sheet or as a description of the nature of the product (product specification). An agreed quality or the suitability of the product for a specific application cannot be derived from the identified uses stated in the safety data

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sheet. Any industrial property rights and existing (national and international) laws and regulations must be observed by the recipient of our product on his own responsibility.

· **Relevant phrases**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H411 Toxic to aquatic life with long lasting effects.

· **Department issuing SDS: see item 1**

· **Abbreviations and acronyms:**

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Dam. 1: Serious eye damage/eye irritation – Category 1

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

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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