SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name:	GREASE
Commercial code:	40.010/40.013
UFI code:	A1TJ-F3WE-700D-TKW9

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

Multifunctional lubricating grease for professional use

1.3 Details of the supplier of the safety data sheet

Company name:	Silpar TK snc
Address:	Via Rosa Luxemburg 12/14 10093 - Collegno (TO)
Telephone:	+39 011 7791177
Fax:	+39 011 7791177
Email:	sicurezza@silpartkline.com

1.4 Emergency telephone number

CAVp "Osp. Pediatrico Bambino Gesù - Roma	Tel. +39 06 68593726
Az. Osp. Univ. Foggia	Tel. +39 0881 732326
Az. Osp. "A. Cardarelli" – Napoli	Tel. +39 081 7472870
CAV Policlinico "Umberto I" – Roma	Tel. +39 06 49978000
CAV Policlinico "A. Gemelli" – Roma	Tel. +39 06 3054343
Az. Osp. "Careggi" U.O. Tossicologia Medica – Firenze	Tel. +39 055 7947819
CAV Centro Nazionale di Informazione Tossicologica – Pavia	Tel. +39 0382 24444
Osp. Niguarda Ca' Granda – Milano	Tel. +39 02 66101029
Azienda Ospedaliera Papa Giovanni XXII – Bergamo	Tel. +39 800 883300
Azienda Ospedaliera Universitaria Integrata Verona	Tel. +39 800 011858

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification according to Reg. EU n°1272/2008 [CLP]

The product is not classified as dangerous according to the provisions of Regulation (EC) 1272/2008 (CLP).
However, since the product contains dangerous substances in a concentration such as to be declared in section 3, it requires a safety data sheet with adequate information, in compliance with Regulation (EU) 878/2020

2.2 Label elements

Hazard pictograms: -

Signal word: -

Hazard statements:
EUH210 Safety data sheet available on request

Precautionary statements: -

2.3 Other hazards

Substance vPvB: None - Substance PBT: None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

N.A.

3.2 Mixtures

1.CAS 2.N° EC 3.N° Index 4.N° REACH	Name	Weight (%)	Classification 1272/2008 (CLP)
1. 85940-28-9 2. 288-917-4 3. Not Available 4. 01-2119521201-61-XXXX	Phosphorodithioic acid, mixed, zinc salts	1.5-2	Skin Irrit. 2 H315 Eye Irrit. 2 H319 Aquatic Chronic 2 H411

The full text of the H phrases is given in section 16 of the safety data sheet

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Eye contact — In case of contact with the eyes, rinse them with water for an adequate amount of time and keeping the eyelids open, then immediately consult an ophthalmologist.
Protect the uninjured eye.

Skin contact — Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention immediately. Wash contaminated clothing before using it again.

Ingestion — Do not under any circumstances induce vomiting. SEEK MEDICAL EXAMINATION IMMEDIATELY

Inhalation — Remove to open air. If unwell, contact a doctor.

4.2 Most important symptoms and effects, both acute and delayed

For symptoms and effects caused by the contained substances, see chap. 11.

4.3 Indication of any immediate medical attention and special treatment needed

In the event of an accident or discomfort, consult a doctor immediately (if possible show the instructions for use or the safety data sheet).

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

SUITABLE EXTINGUISHING EQUIPMENT
Extinguishing substances are: carbon dioxide, foam, chemical powder.
UNSUITABLE EXTINGUISHING EQUIPMENT
Do not use jets of water.

5.2 Special hazards arising from the substance or mixture

HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE
In case of overheating, the aerosol containers can deform, burst and can be thrown a considerable distance. Wear a safety helmet before approaching the fire. Avoid breathing combustion products.

5.3 Advice for firefighters

GENERAL INFORMATIONS
Cool the containers with jets of water to avoid product decomposition and the development of substances potentially hazardous to health.
Always wear full fire protection equipment. Collect the extinguishing water which must not be discharged into sewers. Dispose of the contaminated water used for extinguishing and the residue of the fire according to current regulations.
EQUIPMENT
Normal firefighting clothing, such as open circuit compressed air breathing apparatus (EN 137), flame retardant suit (EN469), gloves flame retardant (EN 659) and fire brigade boots (HO A29 or A30).

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Avoid the formation of dust by spraying the product with water if there are no contraindications.

Wear suitable protective equipment (including personal protective equipment referred to in section 8 of the safety data sheet) waves prevent contamination of skin, eyes and personal clothing. These indications are valid both for the workers and for the emergency interventions.

6.2 Environmental precautions
Prevent the product from spilling or entering drains or water courses. Spills or uncontrolled discharges into water courses should be reported immediately to the Environment Agency or other appropriate regulatory body.

6.3 Methods and material for containment and cleaning up
Absorb the remainder with inert absorbent material. Make sure the leakage site is well aired. Check incompatibility for container material in section 7. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4 Reference to other sections
Refer to sections 8 and 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling
Handle the product after consulting all the other sections of this safety data sheet. Avoid the dispersion of the product in the environment. Do not eat, drink or smoke during use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities
Keep only in the original container. Keep the containers closed, in a well-ventilated place, away from direct sunlight. Keep the containers
away from any incompatible materials, checking section 10.

7.3 Specific end use(s)
See section 1.2

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters
There is no occupational exposure limit value available.

Phosphorodithioic acid, mixed, zinc salts
PNEC exposure limit values
Reference value in fresh water 0.002 mg / l
Reference value in sea water 0 mg / l
Reference value for sediments in fresh water 19.3 mg / kg / d
Reference value for sediments in sea water 1.93 mg / kg / d
Reference value for STP microorganisms 100 mg / l
Reference value for the terrestrial compartment 15.7 mg / kg / d

Derived No Effect Level (DNEL)
Route of Exposure Chronic systemic Chronic systemic
Oral 0.19 mg / kg bw / d
Inhalation 1.67 mg / m3 6.6 mg / m3
Dermal 4.8 mg / kg bw / d 9.6 mg /

VND = hazard identified but no DNEL / PNEC available; NEA = no exposure expected; NPI = no hazard identified.

Technical controls
Ensure adequate ventilation, especially in confined areas.
Make sure eye washers and showers are close to the workplace.

Use anti-exposure equipment
Provide an emergency exit.

8.2 Exposure controls

Hands protection	Protect hands with category work gloves (ref. Standard EN 374). For the final choice of the material of the work gloves it is necessary to consider: compatibility, degradation, breakage time and permeation. In the case of preparations, the resistance of work gloves to chemical agents must be checked before use as it is not foreseeable. Gloves have a wear time that depends on the duration and method of use.
Respiratory protection	Not expected under normal conditions of use.
Eye and face protection	Wear protective goggles (see standard EN 166).
Body and skin protection:	Wear category I professional long-sleeved work clothes and safety footwear (ref. Directive 89/686 / EEC and standard EN ISO 20344). Wash with soap and water after removing protective clothing.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance:	Solid
Colour:	White
Odour:	Characteristic
Odour threshold:	N.A.
pH:	N.A.
Melting point/freezing point:	> 180 ° C Method: ASTM D566 dropping point
Initial boiling point and boiling range:	N.A.
Flash point:	> 230 ° C Method: ASTM D93 referred to the lowest value base oil
Evaporation rate:	N.A.
Flammability (solid, gas):	N.A.
Upper/lower flammability or explosive limits:	N.A.
Vapour pressure:	N.A.
Vapour density (Air=1):	N.A.
Relative density (Water=1):	0.9 Kg / l @ 15 ° C Method: ASTM D1298
Solubility(ies):	Insoluble in water
Partition coefficient: n-octanol/water:	N.A.
Auto-ignition temperature (°C):	N.A.
Decomposition temperature:	N.A.
Kinematic viscosity:	N.A.
Explosive properties:	Non-explosive product
Oxidising properties:	N.A.

9.2 Other information

Consistency: Penetration (ASTM D217) NLGI 1/2 class

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.
Lubricating oils (petroleum), C24-50, solvent-extracted, dewaxed, hydrogenated (CAS 101316-72-7)
Stable under normal conditions of use and storage.
Titanium oxide
Stable under normal conditions of use and storage.

10.2 Chemical stability

The product is stable under normal conditions of use and storage.
Lubricating oils (petroleum), C24-50, solvent-extracted, dewaxed, hydrogenated (CAS 101316-72-7)
Stable under normal conditions of use and storage.
Titanium oxide

Stable under normal conditions of use and storage.

10.3 Possibility of hazardous reactions

In normal conditions of use and storage no dangerous reactions are foreseeable.
Lubricating oils (petroleum), C24-50, solvent-extracted, dewaxed, hydrogenated (CAS 101316-72-7)
Stable under normal conditions of use and storage.
May form flammable mixtures with: strong oxidants.
It can form explosive mixtures with: nitrates, strong oxidants.
Titanium oxide
Stable under normal conditions of use and storage.

10.4 Conditions to avoid

None in particular. However, follow the usual precautions towards chemicals.
Lubricating oils (petroleum), C24-50, solvent-extracted, dewaxed, hydrogenated (CAS 101316-72-7)
Keep away from: strong oxidants.
Avoid exposure to: open flames.

10.5 Incompatible materials

Lubricating oils (petroleum), C24-50, solvent-extracted, dewaxed, hydrogenated (CAS 101316-72-7)
Incompatible with: oxidizing agents.

10.6 Hazardous decomposition products

Lubricating oils (petroleum), C24-50, solvent-extracted, dewaxed, hydrogenated (CAS 101316-72-7)
By decomposition it develops: sulfur compounds.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Unless otherwise specified, the data required by Regulation (EU) 878/2020 indicated below are to be understood as N.A .:

Metabolism, kinetics, mechanism of action and other information
Information not available
Information on likely routes of exposure
Information not available
Delayed and immediate effects and chronic effects from short and long term exposure
Information not available
Interactive effects
Information not available
ACUTE TOXICITY
LC50 (Inhalation) of the mixture:
Not classified (no relevant component)
LD50 (Oral) of the mix:
Not classified (no relevant component)
LD50 (Dermal) of the mixture:
Not classified (no relevant component)
Lubricating oils (petroleum), C24-50, solvent-extracted, dewaxed, hydrogenated (CAS 101316-72-7)
LD50 (Oral)> 5000 mg / kg Rat (OECD 401)
LD50 (Dermal)> 5000 mg / kg Rat (OECD 402)
Lithium 12-hydroxystearate
LD50 (Oral)> 2000 mg / kg rat
LD50 (Dermal)> 2000 mg / kg rat
Titanium oxide
LD50 (Oral)> 5000 mg / kg Rat
LC50 (Inhalation)> 6,82 mg / l Rat
Phosphorodithioic acid, mixed, zinc salts
LD50 (Oral) 3080 mg / kg rat (OECD 401)
LD50 (Dermal)> 20000 mg / kg rabbit (OECD 402)

SKIN CORROSION / SKIN IRRITATION
It does not meet the classification criteria for this hazard class
SERIOUS EYE DAMAGE / EYE IRRITATION
It does not meet the classification criteria for this hazard class
RESPIRATORY OR SKIN SENSITIZATION
It does not meet the classification criteria for this hazard class
MUTAGENICITY ON GERMINAL CELLS
It does not meet the classification criteria for this hazard class
CARCINOGENICITY
It does not meet the classification criteria for this hazard class
REPRODUCTION TOXICITY
It does not meet the classification criteria for this hazard class
SPECIFIC TARGET ORGAN TOXICITY (STOT) - SINGLE EXPOSURE
It does not meet the classification criteria for this hazard class
SPECIFIC TARGET ORGAN TOXICITY (STOT) - REPEATED EXPOSURE
It does not meet the classification criteria for this hazard class
DANGER IN CASE OF SUCTION
It does not meet the classification criteria for this hazard class

11.2 Information on other hazards
Information not available

SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity
Lubricating oils (petroleum), C24-50, extracted with solvent, dewaxed, hydrogenated (CAS 101316-72-7)
LC50 - Fish> 100 mg / l Fish 1 (LL 50)
EC50 - Crustaceans> 10000 mg / l WAF, 48h Daphnia 1 (OECD 202)
Titanium oxide
EC50 - Algae / Aquatic Plants 61 mg / l / 72h Pseudokirchneriella subcapitata
Chronic NOEC for Fish 5 mg / l Oncorhynchus mykiss (24h)
Chronic NOEC Crustaceans> 3 mg / l Daphnia magna (48h)
Phosphorodithioic acid, mixed, zinc salts
LC50 - Fish 4,5 mg / l / 96h Oncorhynchus mykiss
EC50 - Crustaceans 5.4 mg / l / 48h Daphnia magna

12.2 Persistence and degradability
Titanium oxide
Titanium dioxide
NOT rapidly biodegradable
Lubricating oils (petroleum), C24-50, solvent-extracted, dewaxed, hydrogenated (CAS 101316-72-7)
Inherently degradable

12.3 Bioaccumulative potential
Information not available

12.4 Mobility in soil
Information not available

12.5 Results of PBT and vPvB assessment
On the basis of available data, the product does not contain PBT or vPvB substances in percentage greater than 0.1%.

12.6 Endocrine disrupting properties
No data available

12.7 Other adverse effects
No data available

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations. Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations. Avoid littering. Do not contaminate soil, sewers and waterways. Waste transportation may be subject to ADR restrictions. CONTAMINATED PACKAGING

Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

Additional disposal information:

SECTION 14: TRANSPORT INFORMATION

14.1 UN number or ID number

N.A.

14.2 UN proper shipping name

N.A.

14.3 Transport hazard class(es)

N.A.

14.4 Packing group

N.A.

14.5 Environmental hazards

N.A.

14.6 Special precautions for user

N.A.

14.7 Maritime transport in bulk according to IMO instruments

N.A.

SECTION 15: REGULATORY INFORMATION

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

Seveso Category - Directive 2012/18/EC:

None.

Substances subject to authorisarion (Annex XIV REACH).

None.

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None.

Substances subject to the Rotterdam Convention:

None.

Substances subject to the Stockholm Convention:

None.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for the mixture

SECTION 16: OTHER INFORMATION

Full text of H codes mentioned in sections 2 - 3

H315 Causes skin irritation.
H319 Causes serious eye irritation.
H411 Toxic to aquatic life with long lasting effects.

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labeling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent bioaccumulative and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation.

GENERAL BIBLIOGRAPHY

Regulation (EU) 1907/2006 of the European Parliament (REACH)
Regulation (EU) 1272/2008 of the European Parliament (CLP)
Regulation (EU) 2020/878 (Annex II REACH Regulation)
Regulation (EC) 790/2009 of the European Parliament (I Atp. CLP)
Regulation (EU) 286/2011 of the European Parliament (II Atp. CLP)
Regulation (EU) 618/2012 of the European Parliament (III Atp. CLP)
Regulation (EU) 487/2013 of the European Parliament (IV Atp. CLP)
Regulation (EU) 944/2013 of the European Parliament (V Atp. CLP)
Regulation (EU) 605/2014 of the European Parliament (VI Atp. CLP)
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INRS - Fiche Toxicologique (toxicological sheet)
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ECHA website

Note for users:
The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify

the suitability and thoroughness of provided information according to each specific use of the product.
This document must not be regarded as a guarantee on any specific product property.
The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.
Provide appointed staff with adequate training on how to use chemical products.

Changes compared to the previous version:
01/02/03/04/05/06/07/08/09/10/11/12/13/14/15/16