

SAFETY DATA SHEET COMPLEX EP2 GREASE

SECTION 1: Identification o	f the substance/mixture and of the company/undertaki
1.1. Product identifier	
Product name	COMPLEX EP2 GREASE
Product number	YLC003, YLC400
1.2. Relevant identified uses	s of the substance or mixture and uses advised agains
Identified uses	Lubricating grease.
1.3. Details of the supplier of	f the safety data sheet
Supplier Manufacturer	TETROSYL LIMITED Bury Lancashire England BL9 7NY 0161 764 5981 0161 797 5899 info@tetrosyl.com TETROSYL LIMITED Bury Lancashire England BL9 7NY 0161 764 5981 0161 797 5899 info@tetrosyl.com
1.4. Emergency telephone r	number
Emergency telephone	+44 (0)161 764 5981
SECTION 2: Hazards identi	fication
2.1. Classification of the sub	ostance or mixture
Classification (EC 1272/200	8)
Physical hazards	Not Classified
Health hazards	Eye Irrit. 2 - H319
Environmental hazards	Not Classified
2.2. Label elements	
Pictogram	

Signal word

Warning

Hazard statements	H319 Causes serious eye irritation.
Precautionary statements	 P101 If medical advice is needed, have product container or label at hand. P102 Keep out of reach of children. P264 Wash contaminated skin thoroughly after handling. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313 If eye irritation persists: Get medical advice/ attention.

2.3. Other hazards

SECTION 3: Composition/information on ingredients		
3.2. Mixtures		
PHOSPHORODITHIOIC	ACID, MIXED O,O-BIS(ISO-BU 5, ZINC SALTS	1-<2.5%
CAS number: 68457-79-4	EC number: 270-608-0	REACH registration number: 01- 2119493628-22-0000
Classification Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Aquatic Chronic 2 - H411		
The full text for all hazard s	statements is displayed in Section 16.	
SECTION 4: First aid meas	sures	
4.1. Description of first aid	measures	
General information		tinues. Remove affected person from source of sh air and keep warm and at rest in a position
Inhalation	If spray/mist has been inhaled, proceed as keep warm and at rest in a position comfort	follows. Move affected person to fresh air and able for breathing.
Ingestion	Contact physician if larger quantity has bee	n consumed. Rinse mouth thoroughly with water.
Skin contact	Remove contaminated clothing immediately attention if irritation persists after washing.	y and wash skin with soap and water. Get medical
Eye contact	Rinse immediately with plenty of water. Ren apart. Continue to rinse for at least 15 minu	move any contact lenses and open eyelids wide ites. Do not rub eye.
4.2. Most important sympto	oms and effects, both acute and delayed	
General information	The severity of the symptoms described wil length of exposure. Effects may be delayed	Il vary dependent on the concentration and the I. Keep affected person under observation.
Inhalation	May cause an asthma-like shortness of bre dizziness and nausea.	ath. Vapours may cause headache, fatigue,
Ingestion	May cause discomfort if swallowed. May ca headache, dizziness and intoxication.	use stomach pain or vomiting. May cause nausea,
Skin contact	Prolonged or repeated contact with skin ma rash.	ay cause irritation, redness and dermatitis. Allergic

4.3. Indication of any immediate medical attention and special treatment needed Notes for the doctor No specific recommendations. If in doubt, get medical attention promptly. SECTION 5: Firefighting measures 5.1. Extinguishing media Suitable extinguishing media Extinguish with the following media: Foam, carbon dioxide or dry powder. Use fireextinguishing media suitable for the surrounding fire. Unsuitable extinguishing Do not use water jet as an extinguisher, as this will spread the fire. media 5.2. Special hazards arising from the substance or mixture Specific hazards Fire creates: Carbon monoxide (CO). Carbon dioxide (CO2). No unusual fire or explosion hazards noted. Hazardous combustion Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or products vapours. Oxides of carbon. 5.3. Advice for firefighters Special protective equipment Leave danger zone immediately. for firefighters SECTION 6: Accidental release measures 6.1. Personal precautions, protective equipment and emergency procedures Personal precautions Follow precautions for safe handling described in this safety data sheet. Avoid inhalation of vapours. Avoid contact with eyes and prolonged skin contact. Provide adequate ventilation. In case of spills, beware of slippery floors and surfaces. 6.2. Environmental precautions Environmental precautions Avoid discharge into drains or watercourses or onto the ground. Collect and dispose of spillage as indicated in Section 13. 6.3. Methods and material for containment and cleaning up Methods for cleaning up Stop leak if possible without risk. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Provide adequate ventilation. Contain spillage with sand, earth or other suitable non-combustible material. Avoid the spillage or runoff entering drains, sewers or watercourses. Absorb spillage with noncombustible, absorbent material. Collect and place in suitable waste disposal containers and seal securely. 6.4. Reference to other sections Reference to other sections Wear protective clothing as described in Section 8 of this safety data sheet. Collect and dispose of spillage as indicated in Section 13. SECTION 7: Handling and storage 7.1. Precautions for safe handling Usage precautions Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site. Do not eat, drink or smoke when using the product. Avoid the formation of mists. Provide adequate ventilation. Avoid contact with skin and eyes. Always remove oil with soap and water or skin cleaning agent, never use organic solvents. Do not use oil-contaminated clothing or shoes,

7.2. Conditions for safe storage, including any incompatibilities

and do not put rags moistened with oil into pockets.

Storage precautions Keep containers upright. Store in tightly-closed, original container.

7.3. Specific end use(s)

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

No exposure limits known for ingredient(s).

8.2. Exposure controls

Protective equipment





Appropriate engineering controls	Provide adequate ventilation. Avoid inhalation of vapours. Observe any occupational exposure limits for the product or ingredients.
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. It is recommended that gloves are made of the following material: Nitrile rubber. It should be noted that liquid may penetrate the gloves. Frequent changes are recommended.
Other skin and body protection	Wear suitable protective clothing as protection against splashing or contamination.
Hygiene measures	Wash contaminated clothing before reuse. Wash promptly with soap and water if skin becomes contaminated.
Respiratory protection	No specific recommendations.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Grease.
Colour	Brown.
Odour	Characteristic.
pН	Not determined.
Melting point	Not determined.
Initial boiling point and range	>250°C @ 1.013 hPa
Flash point	>150°C°C
Evaporation rate	Not determined.
Evaporation factor	Not determined.
Upper/lower flammability or explosive limits	Not determined.
Vapour pressure	Not determined.

Vapour density	Not determined.	
Relative density	0.900g/cm³ @ 20°C	
Solubility(ies)	Insoluble in water.	
Partition coefficient	Not determined.	
Auto-ignition temperature	Not determined.	
Decomposition Temperature	Not determined.	
Viscosity	>30,000 cP @ 20°C	
Explosive properties	Not considered to be explosive.	
Explosive under the influence of a flame	Not considered to be explosive.	
9.2. Other information		
Other information	None.	
SECTION 10: Stability and rea	activity	
10.1. Reactivity		
Reactivity	There are no known reactivity hazards associated with this product.	
10.2. Chemical stability		
Stability	No particular stability concerns.	
10.3. Possibility of hazardous	reactions	
Possibility of hazardous reactions	Not applicable.	
10.4. Conditions to avoid		
Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.	
10.5. Incompatible materials		
Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.	
10.6. Hazardous decomposition products		
Hazardous decomposition products	Does not decompose when used and stored as recommended.	
SECTION 11: Toxicological information		
11.1. Information on toxicological effects		
Toxicological effects	No information available.	
Inhalation	No specific health hazards known.	
Ingestion	May cause discomfort if swallowed.	
Skin contact	Prolonged and frequent contact may cause redness and irritation.	
Eye contact	Causes serious eye irritation.	
SECTION 12: Ecological Information		

1.1. Toxicity Acute toxicity - fish Not available. Acute toxicity - aquatic Not available. Invertebrates Not available. 12.2. Persistence and degradability There are no data on the degradability of this product. 12.3. Bioaccumulative potential No data available on bioaccumulation. Partition coefficient Not determined. 12.4. Mobility in soil Adsorption/desorption Adsorption/desorption Not available. coefficient Not available. 2.5. Results of PBT and vPvB assessment This substance is not classified as PBT or vPvB according to current EU criteria. 2.8. Coefficient Not available. 2.1. Other adverse effects Not available. SectrION 13: Disposal considerations Sectrions 13.1. Waste treatment methods Confirm disposal procedures with environmental engineer and local regulations. SECTION 14: Transport information Confirm disposal procedures with environmental engineer and local regulations. SECTION 14: Transport information The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID). 14.1. UN number Not applicable. Sectrion shipping name Not applicable. Se	12.1. Toxicity Acute toxicity - fish Not available. Acute toxicity - aquatic invertebrates Not available. Not available. 12.2. Persistence and degradability Persistence and degradability Persistence and degradability Persistence and degradability There are no data on the degradability of this product. 12.3. Bioaccumulative potential Bioaccumulative potential Not data available on bioaccumulation. Pertition coefficient Partition coefficient Not davailable. Pertition coefficient 12.5. Results of PBT and vPvB assessment Results of PBT and vPvB assessment 12.6. Other adverse effects Not available. Other adverse effects Not available. 12.6. Other adverse effects Not available. SECTION 13: Disposal considerations 13.1. Waste treatment methods General information Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal sit accordance with the requirements of the local Waste Disposal Authority. Disposal methods Confirm disposal procedures with environmental engineer and local regulations. SECTION 14: Transport Information Vaste is not covered by international regulations on the transport of dangerous go (MDG, IATA, ADR/RID). 14.1. Un number Not applicable. 14.3. Transport		
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Not applicable.

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

Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture	
National regulations	EH40/2005 Workplace exposure limits.
EU legislation	Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended). Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other informa	tion
Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.
Revision date	11/02/2016
Revision	8
Supersedes date	03/12/2015
SDS number	31684
SDS status	Approved.
Hazard statements in full	H315 Causes skin irritation. H318 Causes serious eye damage. H319 Causes serious eye irritation. H411 Toxic to aquatic life with long lasting effects. H412 Harmful to aquatic life with long lasting effects.