



## SAFETY DATA SHEET EP2 GREASE

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

#### 1.1. Product identifier

Product name EP2 GREASE  
Product No. XGE003, XGE050, XGE125, XGE400, XGE500, YGE400, SLG400, SLG500, QHE500

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

Identified uses Grease

#### 1.3. Details of the supplier of the safety data sheet

Supplier TETROSYL LIMITED  
BEVIS GREEN WORKS  
WALMERSLEY  
BURY  
BL9 6RE  
0161 764 5981  
0161 797 5899  
info@tetrosyl.com  
Manufacturer TETROSYL LIMITED  
BEVIS GREEN WORKS  
WALMERSLEY  
BURY  
BL9 6RE  
0161 764 5981  
0161 797 5899  
info@tetrosyl.com

#### 1.4. Emergency telephone number

0161 764 5981

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1. Classification of the substance or mixture

Classification (EC 1272/2008)  
Physical and Chemical Hazards Not classified.  
Human health Eye Irrit. 2 - H319  
Environment Not classified.

Classification (1999/45/EEC) Not classified.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Human health

See section 11 for additional information on health hazards.

#### 2.2. Label elements

**EP2 GREASE**

Label In Accordance With (EC) No. 1272/2008



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.
	P280	Wear eye and face protection.
	P305+351+338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
	P337+313	If eye irritation persists: Get medical advice/attention.
Supplementary Precautionary Statements	P264	Wash contaminated skin thoroughly after handling.

**2.3. Other hazards****SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS****3.2. Mixtures**

HYDROCARBONS, C9-12, N-ALKANES, ISOALKANES, CYCLICS, (2-25%) AROMATICS		0.0001 - <0.1%
CAS-No.:	EC No.: 919-446-0	Registration Number: 01-2119458049-33-XXXX
Classification (EC 1272/2008)		Classification (67/548/EEC)
Flam. Liq. 3 - H226		Xn;R65.
EUH066		N;R51/53.
STOT SE 3 - H336		R10,R66,R67.
STOT RE 1 - H372		
Asp. Tox. 1 - H304		
Aquatic Chronic 2 - H411		
ZINC DIALKYLDITHIOPHOSPHATE		1.0 - <3.0%
CAS-No.: 68649-42-3	EC No.: 272-028-3	
Classification (EC 1272/2008)		Classification (67/548/EEC)
Skin Irrit. 2 - H315		Xi;R38,R41.
Eye Dam. 1 - H318		N;R51/53.
Aquatic Chronic 2 - H411		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

**EP2 GREASE****SECTION 4: FIRST AID MEASURES****4.1. Description of first aid measures**

## General information

Remove affected person from source of contamination. Get medical attention immediately!

## Inhalation

Move injured person into fresh air immediately. Call an ambulance. Be aware that symptoms of lung oedema (shortness of breath) may develop up to 24 hours after exposure. Bring these instructions. Place unconscious person on the side in the recovery position and ensure breathing can take place.

## Ingestion

Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions.

## Skin contact

Remove contaminated clothing immediately and wash skin with soap and water. Consult a physician for specific advice. Burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.

## Eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Immediately transport to hospital or eye specialist.

**4.2. Most important symptoms and effects, both acute and delayed**

## General information

The severity of the symptoms described will vary dependant of the concentration and the length of exposure. NOTE! Effects may be delayed. Keep affected person under observation.

## Inhalation

May cause an asthma-like shortness of breath. Vapours may cause headache, fatigue, dizziness and nausea.

## Ingestion

May cause discomfort if swallowed. May cause stomach pain or vomiting. May cause nausea, headache, dizziness and intoxication.

## Skin contact

Prolonged or repeated contact with skin may cause redness, itching, irritation and eczema/chapping. Allergic rash.

## Eye contact

May cause temporary eye irritation.

**4.3. Indication of any immediate medical attention and special treatment needed**

No recommendation given, but first aid may still be required in case of accidental exposure, inhalation or ingestion of this chemical. If in doubt, GET MEDICAL ATTENTION PROMPTLY!

**SECTION 5: FIREFIGHTING MEASURES****5.1. Extinguishing media**

## Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

## Unsuitable extinguishing media

Do not use water jet as an extinguisher, as this will spread the fire.

**5.2. Special hazards arising from the substance or mixture**

## Hazardous combustion products

During fire, toxic gases (CO, CO<sub>2</sub>) are formed.

## Unusual Fire &amp; Explosion Hazards

No unusual fire or explosion hazards noted.

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## Specific hazards

In case of fire, toxic and corrosive gases may be formed.

**5.3. Advice for firefighters**

Special Fire Fighting Procedures

Beware, risk of formation of toxic and corrosive gases.

Protective equipment for fire-fighters

Leave danger zone immediately.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

Wear protective clothing as described in Section 8 of this safety data sheet. In case of spills, beware of slippery floors and surfaces.

**6.2. Environmental precautions**

The product should not be dumped in nature but collected and delivered according to agreement with the local authorities.

**6.3. Methods and material for containment and cleaning up**

For waste disposal, see section 13. When dealing with a spillage, please consult the section relating to suitable protective measures. Absorb spillage with non-combustible, absorbent material. Ventilate well. Prevent discharge of larger quantity to drain.

**6.4. 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**

Read and follow manufacturer's recommendations. Always remove grease with soap and water or skin cleaning agent, never use organic solvents. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product.

**7.2. Conditions for safe storage, including any incompatibilities**

Keep away from heat, sparks and open flame. Store in tightly closed original container in a dry, cool and well-ventilated place.

**7.3. 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**

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
HYDROCARBONS, C9-12, N-ALKANES, ISOALKANES, CYCLICS, (2-25%) AROMATICS	WEL		600 mg/m <sup>3</sup>			

WEL = Workplace Exposure Limit.

**8.2. Exposure controls**

Protective equipment

**EP2 GREASE****Process conditions**

Use engineering controls to reduce air contamination to permissible exposure level. Provide eyewash station.

**Engineering measures**

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

**Respiratory equipment**

Wear suitable respiratory protection. Check that mask fits tight and change filter regularly.

**Hand protection**

Nitrile gloves are recommended.

**Eye protection**

Wear tight-fitting goggles or face shield.

**Other Protection**

Provide eyewash station. **AVOID ALL SKIN AND RESPIRATORY CONTACT!**

**Hygiene measures**

Wash contaminated clothing before reuse. Wash hands at the end of each work shift and before eating, smoking and using the toilet.

**Skin protection**

Protection suit must be worn.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

Appearance	Grease
Colour	Dark. Brown.
Odour	Oil smell.
Solubility	Insoluble in water
Initial boiling point and boiling range (°C)	>250°C
Melting point (°C)	Not determined.
Relative density	0.900g/cm <sup>3</sup> 20°C
Vapour density (air=1)	Not determined.
Vapour pressure	Not determined.
Evaporation rate	Not determined.
Viscosity	>30, 000 cP 20°C
Decomposition temperature (°C)	Not determined.
Odour Threshold, Lower	Not determined.
Odour Threshold, Upper	Not determined.
Flash point (°C)	>150°C
Auto Ignition Temperature (°C)	>250 Not determined.
Flammability Limit - Lower(%)	Not determined.

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Flammability Limit - Upper(%)

Not determined.

Partition Coefficient

(N-Octanol/Water)

Not determined.

Oxidising properties

Not available.

**9.2. Other information**

None.

**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity**

No specific reactivity hazards associated with this product.

**10.2. Chemical stability**

No particular stability concerns.

**10.3. Possibility of hazardous reactions**

Not applicable.

**10.4. Conditions to avoid**

No specific conditions are likely to result in a hazardous situation.

**10.5. Incompatible materials**

Materials To Avoid

No incompatible groups noted.

**10.6. Hazardous decomposition products**

None under normal conditions.

**SECTION 11: TOXICOLOGICAL INFORMATION****11.1. Information on toxicological effects**

Toxicological information

No information available.

Health Warnings

This chemical can be hazardous when inhaled and/or touched. This chemical may cause skin/eye irritation and burns (corrosive). May cause severe internal injury. Vapour from this chemical can be hazardous when inhaled.

Route of entry

Inhalation. Ingestion. Skin and/or eye contact. Skin absorption.

**SECTION 12: ECOLOGICAL INFORMATION**

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**12.1. Toxicity**

Acute Toxicity - Fish

Not available.

Acute Toxicity - Aquatic Invertebrates

Not available.

**EP2 GREASE****12.2. Persistence and degradability**

Degradability

There are no data on the degradability of this product.

**12.3. Bioaccumulative potential**

Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

Not determined.

**12.4. Mobility in soil**

Adsorption/Desorption Coefficient

Not available.

**12.5. Results of PBT and vPvB assessment**

Not Classified as PBT/vPvB by current EU criteria.

**12.6. Other adverse effects**

Not available.

**SECTION 13: DISPOSAL CONSIDERATIONS**

General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product. Only experts should be permitted to carry out disposal of this material.

**13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements. Absorb spillage with non-combustible, absorbent material.

**SECTION 14: TRANSPORT INFORMATION**

General

Full protective clothing should be worn when handling this product.

**14.1. UN number****14.2. UN proper shipping name****14.3. Transport hazard class(es)****14.4. Packing group****14.5. Environmental hazards****14.6. Special precautions for user****14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

Not applicable.

**SECTION 15: REGULATORY INFORMATION****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**EP2 GREASE****EU Legislation**

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC. 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

**15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

**SECTION 16: OTHER INFORMATION****Revision Comments**

NOTE: Lines within the margin indicate significant changes from the previous revision.

Revision Date	12/03/2015
Revision	9
Supersedes date	10/10/2013 V8
Safety Data Sheet Status	Approved.

**Risk Phrases In Full**

R10	Flammable
R65	Harmful: may cause lung damage if swallowed.
R38	Irritating to skin.
NC	Not classified.
R66	Repeated exposure may cause skin dryness or cracking.
R41	Risk of serious damage to eyes.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.

**Hazard Statements In Full**

H372	Causes damage to organs <<Organs>> through prolonged or repeated exposure.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H336	May cause drowsiness or dizziness.
EUH066	Repeated exposure may cause skin dryness or cracking.
H411	Toxic to aquatic life with long lasting effects.

**Disclaimer**

The information provided in this document has been compiled on the basis of our current knowledge and is believed to be in accordance with the requirements of the Dangerous Substances Directive, Dangerous Preparations Directive and Safety Data Sheets Directive. The information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any particular conditions or process. The conditions and extent of storage and use of material are outside of our control and within the control of the possessor or user. Consequently it is the responsibility of the possessor or user to satisfy themselves as to the completeness of such information and the suitability of the material for their own particular circumstances, conditions or use.