



SAFETY DATA SHEET

GC30 GREASE

ISSUE DATE:

19th JANUARY 2022

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

1.1 Product identifier

GC30 Glycol grease
UFI 9SC8-SWW2-1S07-RAQS

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

Installation lubricant for medium voltage cold shrink joints and terminations

1.3 Details of the supplier of the safety data sheet

Company information: Prysmian Cables and Systems Ltd
Oak Road, Wrexham Industrial Estate,
Wrexham LL13 9PH

Telephone: +44 (0)1978 66 2375

e-mail: dave.lamb@prysmian.com

1.4 Emergency telephone number: +44 (0)1978 66 2216

Section 2 : Hazards identification

This product is a mixture.

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008 (EU "CLP" Regulation):
Hazardous to the aquatic environment - Chronic hazard, Category 2 (Aquatic Chronic 2, H411)

This product does not present a physical hazard or health hazard with the exception of possible occupational exposure thresholds (see sections 3 and 8)

For full text of hazard statements: see **Section16**

2.2 Label elements

Labelling according to Regulation (EC) 1272/2008 (EU "CLP" Regulation):
Hazard Pictograms: GHS09



Hazard Statements:

H411 Toxic to aquatic life with long lasting effects

Precautionary Statements:

P273	Avoid release to the environment
P391	Collect spillage.
P501	Dispose of contents / container in accordance with local regulations (show this MSDS)

2.3 Other Hazards

This mixture does not contain any material classed as a "Substance of Very High Concern" (SVHC)

Section 3 : Composition / information on ingredients

This product is a mixture.

Chemical Name	REACH Registration Number	CAS Number	EINECS / ELINCS	Classification	Concentration
Trizinc bis(orthophosphate)	01- 2119485044- 40 - 00001	7779-90-0	231-944-3	Aquatic Acute 1, H400 M Acute = 1 Aquatic Chronic 1, H410 M Chronic = 1	$2.5 \leq x\% < 10$
2,2'-dihydroxy-4,4'-(2- hydroxypropane-1,3- dihydroxy) dibenzophenone		23911-85-5	424-210-0	Aquatic Chronic, H413	$2.5 \leq x\% < 10$

Please see Section 16 for full hazard statements.

Section 4 : First aid measures

4.1 Description of first aid measures

General information: As a general rule, in case of doubt or if symptoms persist, always call a doctor. Never induce swallowing by an unconscious person

Inhalation: Remove from exposure and move to. Get medical attention if symptoms occur.

Skin Contact: Flush contaminated skin with plenty of soap and water. Remove contaminated clothing Get medical attention if symptoms occur. Wash contaminated clothing before re-use.

Ingestion: Do not induce vomiting. Get medical attention showing the label.

Eye Contact : Wash thoroughly with clean water for at least 15 minutes while holding the eyelids open. Obtain medical advice.

4.2 Most important symptoms and effects, both acute and delayed

No data available

4.3 Indication of any immediate medical attention and special treatment needed

No data available

Section 5 : Firefighting measures

None flammable

5.1 Extinguishing media

Foam, water spray or mist, carbon dioxide. Do not use water jet.

5.2 Special hazards arising from the substance or mixture

A fire will often produce thick black smoke. Exposure to decomposition products may be hazardous to health. Do not inhale smoke.

Combustion or thermal decomposition will evolve toxic and corrosive fumes (hydrogen fluoride, hydrogen chloride, carbon monoxide, carbon dioxide, sulphur oxides, nitrogen oxides, phosphorus oxides, zinc oxide fume)

5.3 Advice for fire fighters

Wear full face self- contained breathing apparatus and appropriate protective equipment.

Section 6 : Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Follow safety measures referred to in sections 7 and 8 including use of appropriate personal protective equipment.

6.2 Environmental precautions

Contain and control leaks and spills with non-combustible absorbent materials such as sand, earth, vermiculite or diatomaceous earth. Transfer into drum / container for disposal.

Prevent product from entering drains / surface water / ground water.

6.3 Methods and material for containment and cleaning up

Clean preferably with detergent. Do not use solvents.

6.4 Reference to other sections

See Section 13 for disposal information.

Section 7 : Handling and storage

7.1 Precautions for safe handling

Wear personal protective equipment. Wash hands and exposed skin immediately after handling.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool dry location.

7.3 Specific end use(s)

Lubricant used during installation of medium voltage joints and terminators.

Section 8 : Exposure controls / personal protection

8.1 Control parameters

No occupational exposure limits have been assigned to this material.

8.2 Exposure controls

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-use. Ensure there is adequate ventilation particularly in confined areas.

Eye / Face Protection

Avoid contact with eyes. Wear eye protection (in accordance with EN166) designed to protect against liquid splashes.

Hand Protection

Wear suitable protective gloves in the event of prolonged or repeated skin contact

Body Protection

Work clothing should be laundered regularly. Wash all contaminated areas of skin.

Respiratory Protection

Ensure adequate ventilation during use.

Section 9 : Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Viscous liquid
Odour:	None
Odour threshold:	no data available
pH:	not applicable
Melting point:	not applicable
Boiling point:	not specified
Flash point:	>100°C
Evaporation rate:	no data available
Flammability	no data available
Upper/lower flammability or explosive limits	no data available
Vapour pressure	no data available
Vapour density	no data available
Relative density	>1 g/cm ³ @ 20°C
Solubility in water:	Insoluble
Solubility in other ingredients:	no data available
Partition coefficient	
Octanol/water:	no data available
Auto-ignition temperature	no data available
Decomposition temperature	no data available
Viscosity (kinematic):	no data available
Explosion properties:	no data available
Oxidising properties:	no data available

- 9.2 Other information**
No additional data available.

Section 10 : Stability and reactivity

10.1 Reactivity

None known

10.2 Chemical stability

Product is stable under normal storage conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions known during recommended use.

10.4 Conditions to avoid

No hazardous reactions known.

10.5 Incompatible materials

Strong acids, strong bases, strong oxidising agents.

10.6 Hazardous decomposition products

Combustion or thermal decomposition will evolve toxic and corrosive fumes (hydrogen fluoride, hydrogen chloride, carbon monoxide, carbon dioxide, sulphur oxides, nitrogen oxides, phosphorus oxides, zinc oxide fume)

Section 11 : Toxicological information

- 11.1 Information on toxicological effects**
No toxicological data available.

- 11.1.1 Substances**
No toxicological data available for substances.

Acute Toxicity

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

Carcinogenicity

No known carcinogenic substances present

11.1.2 Mixture

Acute Toxicity

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea

Skin corrosion / skin irritation

Repeated or prolonged exposure may cause irritation to the skin

Serious damage to eyes / eye irritation

Not applicable

Respiratory or skin sensitisation

Vapours may cause mild irritation of the mucosa

Section 12 : Ecological information

Toxic to aquatic life with long lasting effects. The product must not be allowed to enter drains or waterways.

12.1 Toxicity

12.1.1 Substances

Contains zinc phosphate, harmful to the environment

12.1.2 Mixtures

No aquatic toxicity data available for the mixture

12.2 Persistence and biodegradability

No data available

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

No data available

Section 13 : Disposal considerations

Waste management of the mixture must be in accordance with Directive 2008/98/EC

13.1 Waste treatment methods

Do not pour into drains or waterways

Waste:

Recycle or dispose of waste in compliance with current legislation preferably via a certified operator.

Do not contaminate the ground or water with waste.

Soiled Packaging:

Empty container completely and retain labelling. Disposal via certified contractor

Waste disposal code (Decision 2001/573/EC, Directive 2006/12/EEC, Directive 94/31/EEC on hazardous waste);

12 01 12 * spent waxes and fats

Section 14 : Transport information

14.1 UN Number

UN3082

14.2 UN proper shipping name

UN3082 - ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID,
(trizinc bis(orthophosphate))

14.3 Transport hazard class(es)

Classification:



Class 9

14.4 Packing group

III

14.5 Environmental hazards

Environmentally hazardous material:



14.6 Special precautions for user

ADR/RID	Class	Code	Pack. Group	Label	Ident	LQ	Provis.	EQ	Cat	Tunnel
	9	M6	III	9	90	5L	274 335 601	E1	3	E

IMDG	Class	2° Label	Pack. Group	LQ	EMS	Provis.	EQ
	9	-	III	5L	F-A, S-F	274 335	E1

IATA	Class	2° Label	Pack. Group	Passager	Passager	Cargo	Cargo	Note	EQ
	9	-	III	964	450 L	964	450 L	A97 A158	E1
	9	-	III	Y964	30kg	-		A97 A158	E1

For limited quantities, see part 2.7 of the OACI / IAIA and chapter 3.4 of the ADR and IMDG

For excepted quantities, see part 2.6 of the OACI / IATA and chapter 3.5 of the ADR and IMDG

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and IBC code

No data available

Section 15 : Regulatory information

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

The following regulations have been used:

EU Regulation No. 1272/2008 amended by EU Regulation No.487/2013
EU Regulation No. 1272/2008 amended by EU Regulation No.758/2013
EU Regulation No. 1272/2008 amended by EU Regulation No.944/2013
EU Regulation No. 1272/2008 amended by EU Regulation No.605/2014

15.2 Chemical safety assessment

A chemical safety assessment has not been undertaken for this mixture

Section 16 : Other information

Hazard Statements (Ref: Section 3):

Hazard Statements:

H400	Very toxic to aquatic life
H410	Very toxic to aquatic life with long lasting effects
H413	May cause long lasting harmful effects to aquatic life

This SDS (version 2.0) is the second version of this SDS for this product.

This information is believed to be accurate and represents the best information available to the company at this time. This information is provided as a guide to the hazards and respective safety precautions relevant to this product. This SDS does not represent any guarantee of performance or specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein