SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/ENTERPRISE.

1.1 Product Identifier.

Product Name: POE 32

1.2 Relevant identified uses of the substance or mixture and discouraged uses.

Lubricant

Not recommended uses:
Uses other than those identified.

1.3 Information on the supplier of the safety data sheet.

Enterprise: **General Gas S.r.l.**
address: Via Aosta 5
City: 20063 - Cernusco sul Naviglio
Province: MI ITALY
Phone: +39 0292141835
Fax: +39 0292141841
Email: info@generalgas.it
Web: www.generalgas.it

1.4 Emergency telephone number: +39 0292141835 (Only available during office hours; Monday-Friday; 08:00-17:00)
Malta: 112

SECTION 2: HAZARD IDENTIFICATION.

2.1 Classification of the substance or mixture.
The product is not classified as hazardous in accordance with Regulation (EC) No. 1272/2008.

2.2 Label Elements.
Additional information:
EUH210 Safety data sheet available on request.

2.3 Other hazards.

The mixture does not contain substances classified as PBT.
The mixture does not contain substances classified as vPvB.
The mixture does not contain substances with endocrine disrupting properties.

During normal use and in its original form, the product has no other adverse effects on health and the environment.

SECTION 3: COMPOSITION/INGREDIENT INFORMATION.

3.1 Substances.
Not applicable.

3.2 Mixtures.
Substances that present a hazard to health or the environment in accordance with Regulation (EC) No. 1272/2008, assigned a Community limit of exposure at the workplace, are classified as PBT/vPvB or included in the list of candidates:

Identifiers	Name	Concentration	(*)Classification - Regulation 1272/2008	
			Classification	Specific concentration limit and acute toxicity estimation
Substance No.: 015-171-00-7 CAS No.: 126019-82-7 EC No.: 406-940-1 Registration No.: 01-0000015643-71-XXXX	O,O,O-tris(2(or 4)-C9-10isoalkylphenyl phosphorothioate)	0.4%	Aquatic Chronic 2, H411	-

(*) *The full text of the H-phrases is given in section 16 of this Safety Data Sheet.*

SECTION 4: FIRST AID MEASURES.

4.1 Description of first aid measures.
Due to the composition and type of substances present in the product, no special warnings required.

Inhalation.
In the event of respiratory arrest, seek urgent medical attention. Put the bumpy in the open air, keep it warm and resting, if breathing is irregular or stops, practice artificial respiration.

Eye contact.
Remove contact lenses if they are worn, and if it is easy to do. Wash your eyes thoroughly with clean, fresh water for at least 10 minutes keeping your eyelids open. Seek medical help.

Skin contact.
Remove contaminated clothing.

Ingestion.
Keep it at rest. NEVER induce vomiting.

4.2 Main symptoms and effects, both acute and delayed.
No acute and delayed effects from exposure to the product are known.

4.3 Indication of whether medical advice and special treatment are required immediately.
If in doubt or when symptoms of discomfort persist, consult a doctor. Never give anything through the mouth to unconscious people.

SECTION 5: FIRE-FIGHTING MEASURES.

5.1 Means of extinguishing.
Suitable extinguishing means:
Powder or CO2 fire extinguisher. In the event of more serious fires, alcohol-resistant foam and powdered water are also used.

Unsuitable extinguishing means:
Do not use direct water spray for extinguishing. In the presence of electrical voltage, the use of water or foam as a means of extinguishing is not acceptable.

5.2 Special hazards arising from the substance or mixture.
Special risks.
Exposure to combustion or decomposition products can be detrimental to health.

5.3 Recommendations for firefighters.
Cool deposits, cisterns or containers close to the source of heat or fire with water. Take into account the direction of the wind.

Fire protection equipment.
Depending on the magnitude of the fire, the use of heat protective clothing, self-contained respiratory equipment, gloves, protective goggles or face masks and boots may be necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES.

6.1 Personal Precautions, Protective Equipment and Emergency Procedures.
For exposure control and personal protective measures, see section 8.

6.2 Environmental Precautions.
Not classified as hazardous to the environment, avoid as much as possible, any discharge.

6.3 Methods and materials for containment and remediation.
Contain and collect any spilled product with inert absorbent material (earth, sand, vermiculite, diatomaceous earth...) and immediately clean the area with an appropriate decontaminant.
Dispose of product remnants in closed, suitable containers for disposal in accordance with local and national regulations (see section 13).

6.4 Reference to other sections.
For exposure control and personal protective measures, see section 8.
For subsequent disposal of residues, follow the recommendations in section 13.

SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling.
The product does not require special handling, the following general measures are recommended:
For personal protection, see section 8.
Smoking, eating and drinking must be prohibited in the area of application.
Comply with occupational safety and hygiene legislation.
Caution: The containers are not pressure-resistant, never use pressure to empty the containers. Store the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities.
The product does not require special storage measures.
Like general storage conditions it should avoid sources of heat, radiation, electricity and contact with food.
Keep away from oxidizing agents and strongly acidic or alkaline materials.
Store containers between 5 and 35 ºC, in a dry and well-ventilated place.
Store according to local legislation. Observe the label instructions. Once the containers have been opened, they must be carefully closed and placed vertically to prevent shedding.

The product is not affected by Directive 2012/18/EU (SEVESO III).

7.3 Special End Uses.
Unavailable.

SECTION 8: EXPOSURE/PERSONAL PROTECTIVE CONTROLS.

8.1 Control parameters.

The product does NOT contain substances with Environmental Limit Values for occupational exposure. The product does NOT contain substances with Biological Limit Values.
DNEL/DMEL concentration level:

Name	DNEL/DMEL	Type	Value
O,O,O-tris(2(or 4)-C9-10isoalkylphenyl phosphorothioate) CAS No.: 126019-82-7 EC No.: 406-940-1	DNEL (Workers)	Inhalation, Chronic, Systemic Effects	16 (mg/m³)

DNEL: Derived No Effect Level, level of exposure to the substance below which no adverse effects are expected.
DMEL: Derived Minimal Effect Level, a level of exposure that corresponds to a low risk, which must be considered as a minimum tolerable risk.

8.2 Exposure Controls.

Technical measures:

Concentration:	**100 %**
Uses:	**Lubricant**
Respiratory protection:	
If the recommended technical measures are observed, no personal protective equipment is required.	
Hand protection:	
If the product is handled correctly, no personal protective equipment is required.	
Eye Protection:	
If the product is handled correctly, no personal protective equipment is required.	
Skin protection:	
DPI:	Work footwear.
Features:	CE mark Category II.
CEN Standards:	EN ISO 13287, EN 20347
Maintenance:	These items adapt to the shape of the first user's foot. For this reason, in addition to a matter of hygiene, reuse by another person should be avoided.
Comments:	Work footwear for professional use is one that adds protective elements designed to protect the user from injuries that could cause accidents. It must be checked for which jobs these shoes are adequate.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on fundamental physical and chemical properties.
Physical State: Liquid
Color: Colorless
Odor: Not relevant/Not available due to the nature/properties of the product.
Olfactory threshold: Not relevant/Not available due to the nature/properties of the product.
Melting Point: -50ºC
Freezing point: Not applicable/Not available due to the nature/properties of the product.
Boiling point or starting point of boiling and boiling range: Not applicable/Not available due to the nature/properties of the product.
Flammability: Not applicable/Not available due to the nature/properties of the product.
Lower explosive limit: Not applicable/Not available due to the nature/properties of the product.
Upper Explosive Limit: Not applicable/Not available due to the nature/properties of the product.
Flash point: >230 ºC
Auto-ignition temperature: 230 ºC
Decomposition Temperature: Not applicable/Not available due to the nature/properties of the product.
pH: Not available (The substance/mixture is not soluble (in water)).
Viscosity: 32
Solubility: Not applicable/Not available due to the nature/properties of the product.
Water solubility: Not applicable/Not available due to the nature/properties of the product.
Fat solubility: Not applicable/Not available due to the nature/properties of the product.
N-octanol/water partition coefficient (logarithmic value): Not applicable/Not available due to the nature/properties of the product.
Vapour pressure: Not applicable/Not available due to the nature/properties of the product.
Absolute density: 0.955
Relative density: Not applicable/Not available due to the nature/properties of the product.
Relative vapor density: Not applicable/Not available due to the nature/properties of the product.
Particle characteristics: Not applicable/Not available due to the nature/properties of the product.

9.2 Other Information.
Other safety features
Viscosity: 32 mm2/s

SECTION 10: STABILITY AND RESPONSIVENESS.

10.1 Responsiveness.
The product does not pose a hazard to its responsiveness.

10.2 Chemical Stability.
Stable under the recommended handling and storage conditions (see epigraph 7).

10.3 Possibility of dangerous reactions.
The product does not cause dangerous reactions.

10.4 Conditions to Avoid.
Avoid any kind of improper handling.

10.5 Incompatible Materials.
Keep away from oxidizing agents and strongly alkaline or acidic materials, in order to avoid exothermic reactions.

10.6 Hazardous decomposition products.
It does not decompose if it is intended for its intended uses.

SECTION 11: TOXICOLOGICAL INFORMATION.

11.1 Information on hazard classes defined in Regulation (EC) No 1272/2008.
There are no data available on the product.

a) acute toxicity;
Inconclusive data for classification.

b) skin corrosion/irritation;
Inconclusive data for classification.

c) serious eye damage/serious eye irritation;
Inconclusive data for classification.

d) respiratory or skin sensitization;
Inconclusive data for classification.

e) germ cell mutagenicity;
Inconclusive data for classification.

f) carcinogenicity;
Inconclusive data for classification.

g) toxicity for reproduction;
Inconclusive data for classification.

(h) Specific Target Organ Toxicity (STOT) - single exposure;
Inconclusive data for classification.

(i) specific target organ toxicity (STOT) - repeated exposure;
Inconclusive data for classification.

j) danger in the event of aspiration.
Inconclusive data for classification.

11.2 Information on Other Hazards.
Endocrine-disrupting properties
This product does not contain any components with endocrine-disrupting properties that have an effect on human health.
Other information
There is no information available on other adverse health effects.

SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity.
There is no information on the ecotoxicity of the substances present.

12.2 Persistence and degradability.
There is no information available on the biodegradability of the substances present.
No information is available on the degradability of the substances present.
No information on the persistence and degradability of the product is available.

12.3 Bioaccumulation potential.
There is no information on the bioaccumulation of the substances present.

12.4 Mobility in the soil.
No information on mobility in soil is available
Disposal in sewers or waterways is prohibited.
Avoid penetration into the soil.

12.5 PBT and vPvB Assessment Results.
No PBT and vPvB product information is available.

12.6 Endocrine Disrupting Properties.
This product does not contain components with endocrine-disrupting properties and have an effect on the environment.

12.7 Other adverse effects.
The product does not fall within the scope of Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer.
There is no information on other negative effects on the environment.

SECTION 13: DISPOSAL CONSIDERATIONS.

13.1 Waste Treatment Methods.
Disposal in sewers or waterways is prohibited. Residues and empty containers must be handled and disposed of in accordance with the local/national legislation in force.
Follow the provisions of Directive 2008/98/EC relating to waste management.

SECTION 14: TRANSPORTATION INFORMATION.

Not hazardous for transport purposes. In the event of an accident and disposal of the product act as a point 6.

14.1 UN number or ID number.
Not hazardous for transport purposes.

14.2 Official UN designation of transport.
Description:
ADR/RID: Not hazardous for transport purposes.
IMDG: Not hazardous for transport purposes.
ICAO/IATA: Not hazardous for transport purposes.

14.3 Classes of danger associated with transport.
Not hazardous for transport purposes.

14.4 Packaging Assembly.
Not hazardous for transport purposes.

14.5 Environmental hazards.
Not hazardous for transport purposes.
Ship transport, FEm - Emergency cards (F – Fire, S – Spills): Not applicable.

14.6 Special precautions for users.
Not hazardous for transport purposes.

14.7 Bulk shipping in accordance with IMO acts.
Not hazardous for transport purposes.

SECTION 15: REGULATORY INFORMATION.

15.1 Health, safety and environmental laws and regulations specific to the substance or mixture.

The product is not affected by Regulation (EU) No 528/2012 on the marketing and use of biocidal products.
The product is not affected by the process established in Regulation (EU) No 649/2012, relating to the export and import of hazardous chemicals.

15.2 Chemical Safety Assessment.
No chemical safety assessment of the product has been carried out.

SECTION 16: OTHER INFORMATION.

Full text of the H phrases that appear in epigraph 3:

H411 Toxic to aquatic organisms with long-lasting effects.

Classification Codes:

Aquatic Chronic 2 : Chronic effects on the aquatic environment, Category 2

Classification and procedure used to derive it under Regulation (EC) No 1272/2008 [CLP] in relation to mixtures:

Physical hazards	Based on trial data
Health Hazards	Calculation method
Hazards to the environment	Calculation method

It is recommended that the product be used for its intended use.

Abbreviations and acronyms used:
CEN: European Committee for Standardization.
DMEL: Derived Minimal Effect Level, a level of exposure that corresponds to a low risk, which is must be considered as a minimum tolerable risk.
DNEL: Derived No Effect Level of which no adverse effects are expected.
DPI: Personal protection team.

Main bibliographic references and data sources:
http://eur-lex.europa.eu/homepage.html
http://echa.europa.eu/
Regulation (EU) 2020/878.
Regulation (EC) No 1907/2006.
Regulation (EC) No 1272/2008.

This Safety Data Sheet has been prepared in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals and Mixtures (REACH).

The information contained in this Product Safety Data Sheet is based on current knowledge and provided in compliance with applicable EC and national laws, as the user's working conditions are beyond our knowledge and control. The product must not be used for any purpose other than those specified without first obtaining written instructions on how to use it. It is always the responsibility of the user to take appropriate measures to comply with the provisions of current legislation.