

Safety Data Sheet

compliant Regulation (EC) No. 1907/2006 (REACH)
compliant with Regulation (EU) No. 2020/878

GeneralGas®

Trade name of the product : POE 68

Date of writing : 15/07/2024

Date of printing : 15/07/2024

Version (Revision) : 1.0.0

SECTION 1: Identification of the substance/mixture and the company/company

1.1 Product identifier

POE 68

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

Relevant uses identified

PC 0.39 - Lubricant

Not recommended uses

Do not use for other than recommended uses.

1.3 Safety Data Sheet Provider Information

Supplier

GeneralGas S.r.l.

Road : Via Aosta 5

Zip Code/Location : 20063 Cernusco sul Naviglio MI ITALY

Phone : +39 0292141835

Fax: +39 0292141841

Contact for information : info@generalgas.it

1.4 Emergency telephone number

Anti-poison centers

Malta 112

SECTION 2: Hazard Identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

Nobody

2.2 Label elements

Labelling according to EC Regulation No. 1272/2008 [CLP]

Special provisions relating to additional label elements for certain mixtures

EUH210 Safety data sheet available on request.

2.3 Other hazards nobody

Safety Data Sheet

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SEZIONE 3: Composizione/informazioni sugli ingredienti

3.2 Mixtures

Dangerous ingredients

PHOSPHOROTHIOATE OF O,O,O-TRIS(2(o 4)-C9-C10-ISOALKYLPHENYL) ; EC No. : 406-940-1; CAS No. : 126019-82-7

Weight share : < 0.5 %

Classification 1272/2008 [CLP] : Aquatic Chronic 2 ; H411

Other information

For the full text of hazard statements and hazard statements that comply with EU requirements, see SECTION 16.

SEZIONE 4: Misure di primo soccorso

4.1 Description of first aid measures

If in doubt or if you have symptoms, consult a doctor.

In case of inhalation

No special measures are required.

In case of skin contact

Wash immediately with: Water **After**

contact with eyes

Rinse immediately well with an eye liner or water.

If swallowed

Rinse your mouth immediately and drink plenty of water.

4.2 Main symptoms and effects, both acute and delayed

There is no information available.

4.3 Indication of whether medical attention and special treatment are required immediately

Nobody

SEZIONE 5: Misure antincendio

5.1 Extinguishing media

Suitable extinguishing means

CO₂, Foam, Chemical Powders depending on the materials involved in the fire.

5.2 Special hazards arising from the substance or mixture

Nobody

5.3 Recommendations for Fire Extinguishers

Use a self-powered respirator. Wear full-body protective coveralls. Do not inhale gases from by fire.

5.4 Other information

Keeping people safe.

SEZIONE 6: Misure in caso di rilascio accidentale

Comply with Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

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Trade name of the product : POE 68

Date of writing : 15/07/2024

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6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Observe the safety measures governing the handling of chemicals.

For those who do not intervene directly

For those who do not intervene directly, move away from the area affected by the emergency and reach a safe place

6.2 Environmental Precautions

Do not disperse into sewers or groundwater.

6.3 Methods and materials for containment and remediation

For containment

In the case of a liquid product, contain and absorb the spill with inert absorbent material (e.g., sand, earth, vermiculite, diatomaceous earth). Place contaminated material in suitable containers and send it for waste disposal. After collection, wash the area and the materials concerned with water, recovering the used water and possibly send it for disposal in authorized plants.

For cleaning

The contaminated area must be immediately cleaned with: Water Collect wash water and dispose of it.

6.4 Reference to other sections

Information regarding exposure control/personal protection and disposal considerations is provided in Sections 8 and 13

SECTION 7: Handling and Storage

7.1 Precautions for safe handling

Wear appropriate protective equipment (see Section 8).

Protective measures

Specific requirements or rules for handling the product

Nobody

General Industrial Hygiene Instructions

Handle in compliance with good industrial hygiene standards.

7.2 Conditions for safe storage, including any incompatibilities

Use only containers approved for the product.

Indications for common storage

Storage class : 10

Additional information for storage conditions

Keep the container tightly closed and in a well-ventilated place.

7.3 Special end uses

Nobody

SECTION 8: Exposure Control/Personal Protection

8.1 Control parameters

Nobody

8.2 Exposure Controls

Protective

Work in well-ventilated areas or with a breathing mask. When handling chemicals, only chemical protective clothing with CE marking and a control code must be worn four digits.

Eye/face protection

Suitable eye protection

Trade name of the product :	POE 68	Version (Revision) :	1.0.0
Date of writing :	15/07/2024		
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Goggles with side protection (EN 166).

Skin protection

Hand protection

Protective gloves must be worn (Chemical Risk EN 374). The material of the gloves must be waterproof and stable against the product/substance/formulation. Suitable materials even with direct and prolonged contact (recommended: protection index 6 corresponding to > 480 minutes permeation time according to EN 374): e.g. nitrile rubber (0.4 mm), chloroprene rubber (0.5 mm), polyvinyl chloride (0.7 mm) and others.

Penetration time : Ask the supplier of the gloves for the permeation time of the material and comply with this indication.

Body protection

Personnel should wear protective clothing and all parts of the body should be washed after contact. Care should be taken in the choice of protective clothing to avoid inflammation and irritation of the skin, neck and wrists due to contact with dust or small amounts of product, for example. Body protection must be suitable according to the activity and exposure, e.g., apron, boots, clothing suitable for the contact with chemical agents (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust) .

Respiratory protection

No personal respiratory protective equipment is required.

SEZIONE 9: Proprietà fisiche e chimiche

9.1 Information on fundamental physical and chemical properties

Safety parameters

Aspect		Clear liquid
Smell:		Characteristic
Melting point/freezing point :		-45 °C
Freezing temperature :		not determined
Initial boiling point and boiling range :		not determined
Initial boiling point and boiling range :	(1013 hPa)	> 200 °C
Decomposition temperature :		not determined
Flash point :		> 230 °C
Auto-ignition temperature :		not determined
Oxidizing properties :		No data available
Lower explosive limit:		not determined
Upper explosive limit :		not determined
Vapor pressure :	(20 °C)	unavailable
Density:	(20 °C)	0,976 g/cm3
Relative Density		Data not available
Solubility in water:	(20 °C)	not determined
log P O/W :		not determined
Viscosity:	(20 °C)	not determined
Viscosity:	(40 °C)	68 Cst
Olfactory threshold :		not determined
Relative vapor density :	(20 °C)	not determined
Evaporation rate :		(Aether = 1)
Flammable solids:		Not determined.
Flammable gases :		Not determined.
Explosive properties :		Not determined.
Corrosive to metals :		Not determined.

9.2 Other information

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Safety Data Sheet

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Trade name of the product : POE 68

Date of writing : 15/07/2024

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SEZIONE 10: Stabilità e reattività

10.1 Reactivity

No specific information is available regarding the responsiveness of this product or its components.

10.2 Chemical Stability

See section 7. No further measures are required.

10.3 Possibility of dangerous reactions

No dangerous reactions are known.

10.4 Conditions to avoid

Avoid any source of ignition: heat, sparks, open flames. Avoid electrostatic discharge.

10.5 Incompatible materials

No incompatible materials are known

10.6 Hazardous decomposition products

There is no information available.

SEZIONE 11: Informazioni tossicologiche

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

Acute toxicity

Acute oral toxicity

Parameter: LD50 (PHOSPHOROTHIOATE OF O,O,O-TRIS(2(o 4)-C9-C10-ISOALKYLPHENYL) ; CAS No. : 126019-82-7)
Street of exhibition : Orally
Species: Rat
Effective doses: > 2000 mg/kg

Acute dermal toxicity

Parameter: LD50 (PHOSPHOROTHIOATE OF O,O,O-TRIS(2(o 4)-C9-C10-ISOALKYLPHENYL) ; CAS No. : 126019-82-7)
Street of exhibition : Dermal
Species: Rat
Effective doses: > 2000 mg/kg

11.2 Information on other hazards

There is no information available.

SEZIONE 12: Informazioni ecologiche

Do not dispose of the product indiscriminately in the environment.

12.1 Toxicity

Water toxicity

Acute (short-term) toxicity in fish

Parameter: LC50 (PHOSPHOROTHIOATE OF O,O,O-TRIS(2(o 4)-C9-C10-ISOALKYLPHENYL) ; CAS No. : 126019-82-7)
Species: Fish
Effective doses: > 25 mg/l
Exposure time : 96 h

Acute (short-term) toxicity to crustaceans

Parameter: EC50 (PHOSPHOROTHIOATE OF O,O,O-TRIS(2(o 4)-C9-C10-ISOALKYLPHENYL) ; CAS N°

Safety Data Sheet

compliant Regulation (EC) No. 1907/2006 (REACH)
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GeneralGas®

Trade name of the product : POE 68

Date of writing : 15/07/2024

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Version (Revision) : 1.0.0

Species: : 126019-82-7)
Daphnia magna (large water flea)
Effective doses: > 5.5 mg/kg

Acute (short-term) toxicity to algae and cyanobacteria

Parameter: EC50 (PHOSPHOROTHIOATE OF O,O,O-TRIS(2(o 4)-C9-C10-ISOALKYLPHENYL) ; CAS No. : 126019-82-7)

Species: Alga
Effective doses: > 100 mg/l
Exposure time : 72 h

Parameter: EC50 (PHOSPHOROTHIOATE OF O,O,O-TRIS(2(o 4)-C9-C10-ISOALKYLPHENYL) ; CAS No. : 126019-82-7)

Species: Daphnia magna (large water flea)
Effective doses: > 5.5 mg/kg

Parameter: EC50 (PHOSPHOROTHIOATE OF O,O,O-TRIS(2(o 4)-C9-C10-ISOALKYLPHENYL) ; CAS No. : 126019-82-7)

Species: Alga
Effective doses: > 100 mg/l
Exposure time : 72 h

12.2 Persistence and degradability

Biodegradation

Parameter: Biodegradation (PHOSPHOROTHIOATE OF O,O,O-TRIS(2(o 4)-C9-C10-ISOALKYLPHENYL) ; CAS No. : 126019-82-7)

Degradation Rate : 2 - 4 %
Test duration : 28 day(s)
Method: OECD 301B

12.3 Bioaccumulation potential

There is no information available.

12.4 Mobility in soil

There is no information available.

12.5 PBT and vPvB assessment results

The substances contained in the mixture do not meet the criteria for the identification of PBT and vPvB substances according to Annex XIII of the REACH Regulation.

12.6 Endocrine-disrupting properties

Based on the available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors.

12.7 Other adverse effects

There is no information available.

SECTION 13: Disposal Considerations

13.1 Waste treatment methods

Dispose of in compliance with current regulations. Disposal must be documented.

SECTION 14: Transportation Information

14.1 UN number

Non-hazardous goods within the meaning of transport regulations.

14.2 UN Shipping Name

Non-hazardous goods within the meaning of transport regulations.

14.3 Transport hazard classes

Safety Data Sheet

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GeneralGas®

Trade name of the product : POE 68

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Non-hazardous goods within the meaning of transport regulations.

14.4 Packaging Assembly

Non-hazardous goods within the meaning of transport regulations.

14.5 Hazards to the environment

Non-hazardous goods within the meaning of transport regulations.

14.6 Special precautions for users

Nobody

14.7 Transport of bulk cargo according to MARPOL Annex II and IBC code

Nobody

SECTION 15: Regulatory Information

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

EU regulations

Regulation (EC) No 1907/2006 (REACH).

EC Regulation No. 1272/2008 (CLP).

Directive 2012/18/EU (Seveso)

Regulation (EU) No 830/2015

National rules

Legislative Decree 81/2008 (Consolidated Law on the protection of health and safety in the workplace) and subsequent amendments and Directive 2009/161/EU – Chemical risk assessment pursuant to Title IX.

Water hazard class

Classification according to AwSV - Class : nwg (Not hazardous to water)

Additional Rules, Restrictions and Legal Requirements

Substances listed in the Candidate List (SVHC) according to Article 59 of Regulation (EC) 1907/2006:

None

Contained substances subject to authorisation according to Annex XIV of Regulation (EC) 1907/2006: None

Restrictions on the product(s) contained in Annex XVII Regulation (EC) 1907/2006: None

Seveso Category: None

15.2 Chemical Safety Assessment

There is no information available.

SECTION 16: Other Information

16.1 Indications of changes

02. Label Elements · 02. Labelling according to EC Regulation No. 1272/2008 [CLP] · 15. Water hazard class

16.2 Abbreviations and acronyms

LEGEND:

ADR: Accord européen relative au transport international des marchandises dangereuses par route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

ASTM: ASTM International, originally known as the American Society for Testing and Materials (ASTM)

EINECS: European Inventory of Existing Commercial Chemical Substances (Registro Europeo delle Sostanze chimiche in Commercio)

EC50: Effective Concentration 50 (Concentrazione Effettiva Massima per il 50% degli Individui)

LC50: Lethal Concentration 50 (Lethal Concentration for 50% of Individuals)

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IC50:	Inhibitor Concentration 50 (Inhibitory Concentration for 50% of Individuals)
NOEL:	No Observed Effect Level
DNEL:	Derived No Effect Level
DMEL:	Derived Minimum Effect Level
CLP:	Classification, Labelling and Packaging (Classificazione, Etichettatura e Imballaggio)
CSR:	Chemical Safety Report
LD50:	Lethal Dose 50 (Lethal Dose for 50% of Individuals)
IATA:	International Air Transport Association (Associazione Internazionale del Trasporto Aereo)
ICAO:	International Civil Aviation Organization (Organizzazione Internazionale dell'Aviazione Civile)
IMDG code:	International Maritime Dangerous Goods code (Codice sul Regolamento del Trasporto Marittimo)
PBT:	Persistent, bioaccumulative and toxic
RID:	Regulation concerning the International Carriage of Dangerous Goods by Rail (Règlement concernant le transport International ferroviaire des marchandises Dangereuses)
STEL:	Short term exposure limit
TLV:	Threshold limit value
TWA:	Time Weighted Average
EU:	European Union
vPvB:	Very persistent very bioaccumulative (very persistent and very bioaccumulative substances)
N.A.:	Unavailable.
N.O.:	Not applicable
VwVwS.:	Text of Administrative Regulation on the Classification of Substances hazardous to waters into Water Hazard Classes (Verwaltungsvorschrift wassergefährdende Stoffe – VwVwS)

16.3 Important indications from literature and data sources

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities.

SAX's Dangerous Properties of Industrial Materials - Eight Edition - Van Nostrand Reinold.

ACGIH - Threshold Limit Values - 1999 Edition.

European Chemicals Agency: www.echa.europa.eu

16.4 Classification of mixtures and assessment methods adopted in accordance with Regulation (EC) No 1272/2008 [CLP]

Classification Procedure: Calculation Method

16.5 Text of H- and EUH - sentences (Number and full text)

H411 Toxic to aquatic organisms with long-lasting effects.

16.6 Indication for instruction

Nobody

16.7 Additional Guidance

Nobody

The information contained in this sheet corresponds to our knowledge at the time of printing. The information is used to give you information about the safe use of the product indicated on the safety data sheet, with regard to storage, processing, transport and disposal. The claims have no value for other products. If the product is mixed with other materials or is processed, the information in the safety data sheet is only intended as a guide for the new material. Although the information and recommendations specified herein (hereinafter referred to as "information") are provided in good faith and with the belief of their correctness as of today's date, Domus Chemicals SpA makes no representation regarding the completeness or accuracy of the same. The information is provided on the premise that individuals who receive it must independently determine, before using the products, the safety and suitability of the same for the intended purposes. Under no circumstances shall Domus Chemicals SpA be liable for damages of any kind that may in any way result from the use of or reliance on such information. NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, ARE MADE AS TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OTHERWISE, WITH RESPECT TO THE INFORMATION OR THE PRODUCT TO WHICH THE INFORMATION RELATES. The data are based on our current knowledge, however, do not represent any guarantee of the characteristics of the product and do not give rise to any contractual legal relationship.

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