



SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Fortis PE

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: Fortis PE
INCI name: Phenoxyethanol
CAS number: 122-99-6
EC number: 204-589-7

Relevant identified uses of the substance and uses advised against

Identified uses: Industrial use
Uses advised against: None known

Details of the supplier of the safety data sheet

Manufacturer/Supplier: CINAGOS
Address: No 39, Jalan Selat Selatan 7/KS5, Taman Perindustrian Sobena
Jaya Pandamaran, 42000 Pelabuhan Klang, Selangor, Malaysia.
Emergency Contact number: +603 31631679
Website:

SECTION 2: Hazards Identification

Hazard classification: Causes serious eye damage
Harmful if swallowed
May cause respiratory irritation.
Toxic to aquatic life with long lasting effects.

Human Health Hazards

Skin contact: Specific target organ toxicity, single exposure; respiratory irritation (Category 3)
Eye contact: Serious eye damage/irritation (Category 1)
Ingestion: Acute oral toxicity (Category 4)
Physical/Chemical Hazards: Thermal decomposition can lead to release of nitrogen oxides.
Health hazards: Pure products or high concentration may cause serious eye damage. Harmful if swallowed.
Environmental Hazards: Hazardous to the aquatic environment -long-term (Category 3)



Precautionary statement(s) Do not breathe dust/fume/gas/mist/vapour/spray.
Thoroughly wash hands and face after operation.



SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Fortis PE

Do not eat, drink or smoke while using this product.
Use only outdoors or in a well-ventilated area.
Avoid releasing to the environment.
Wear protective gloves/clothing/goggles

SECTION 3: Composition/information on ingredients

Chemical Name	CAS No.	EC No.	%
PHENOXYETHANOL	122-99-6	204-589-7	99.7-100

SECTION 4: First aid measures

General Advice:	If you feel unwell, seek medical advice.
Skin Contact:	Take off immediately all contaminated clothing. Rinse skin with soap and plenty of water. Seek immediate medical help if unwell.
Eye Contact:	Flush eyes gently with flowing water or saline while holding eyelids apart for at least 15min. Seek immediate medical attention if unwell.
Inhalation:	Remove person to fresh air and keep comfortable for breathing. If symptoms persist, seek immediate medical attention.
Ingestion:	Rinse mouth with plenty of water. If individual is drowsy or unconscious, do not give anything by mouth and seek immediate medical attention.
Most important symptoms and effects, both acute and delayed:	No data.
Self-protection of the first aider:	Wear personal protective equipment as required when entering site of accident (see section 8).
Note to physicians:	No data.

Indication of any immediate medical attention and special treatment needed

Hazards:	Seek medical advice if unwell.
Treatment:	Treat symptomatically

SECTION 5: Firefighting measures

General fire hazards:	None known
-----------------------	------------



SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Fortis PE

Extinguishing media

Suitable extinguish media:	Water spray, Dry chemical, Carbon dioxide(CO2), Foam, Sand. Avoid the use of direct running water. Direct running water may cause splashing of flammable liquid and spread the fire.
Unsuitable extinguishing media	Solid water jet
Special hazards arising from the substance or mixture:	No data.

Advice for firefighters

Firemen should wear full protective gear and put out the fire in the upwind direction.

Move the container from the fire site to the open space as far as possible.

Spray water to keep the fire site container cool until the end of fire fighting.

If the container in the fire has changed color or made a sound from the safety relief device, it must be evacuated immediately.

Special protective equipment for fire-fighters:	Self contained breathing apparatus and full protective clothing must be worn in case of fire
---	--

SECTION 6: Accidental release measures

General measures:	Mark the danger area. Exposure to heat: have neighbourhood close doors and windows. Exposure to fire/heat: consider evacuation. Wash contaminated clothes.
Personal precautions, protective equipment and emergency procedures:	Use personal protective equipment as required (see section 8). Avoid contact cracked container and leaks before wearing proper protective equipment. According to the influence area of liquid flow and vapor diffusion, the warning area shall be defined, and irrelevant personnel shall evacuate from crosswind and upwind to the safety area. It is recommended that emergency responders wear gas masks and protective clothing. Eliminate all sources of ignition. Cut off the source of leakage.
Environmental precautions:	Collect spillage. Avoid soil absorption.



SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Fortis PE

Methods for cleaning up:	Do not allow into any sewer, on the ground or into any body of water. Containment method: Transfer to tanker or special collector with pump. Small spills: Absorb or cover with dry sand or other non-combustible materials and collect in containers. Large leaks: Construction of dikes or pits to contain.
Prevention of secondary hazards:	Avoids leakage again during the cleaning process.
Notification procedures:	In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations

SECTION 7: Handling and storage

Precaution for safe handling:	Operators must be specially trained and strictly abide by the operating procedures. Operation and disposal should be carried out in the place with local ventilation or general ventilation facilities. Wear suitable protective equipment (see section 8). Avoid eye and skin contact, and inhalation of vapor. Keep away from fire and heat. Smoking, eating and drinking are strictly prohibited in the workplace. Fire fighting equipment and Leakage Emergency Response Equipment shall be provided with corresponding varieties and quantities. Handle with care to prevent damage to packaging and containers. Wash hands after handling.
-------------------------------	---

Conditions for safe storage, including any incompatibilities

Heat and ignition sources:	KEEP SUBSTANCE AWAY FROM: heat sources
Information on mixed storage:	KEEP SUBSTANCE AWAY FROM: ignition sources, (strong) acids, (strong) bases. Avoid contact with oxidizing agents.
Storage area:	Keep container tightly closed. Store in a cool and well-ventilated warehouse. Keep out of direct sunlight. Meet the legal requirements
Special rules on packaging:	Closed, correctly labelled, meet the legal requirements Separated from incompatible materials (see section 10).



SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Fortis PE

SECTION 8: Exposure controls/personal protection

Admissible solution

Not contain substances with occupational exposure limits.

Engineering controls

Airtight operation and overall ventilation.

Individual protection measures

Respiratory protection:	Wear suitable respiratory equipment(e.g. self-priming filter masks).
Hand protection:	Wear chemical gloves or rubber gloves.
Eye/face protection:	Wear protective glasses.
Skin and body protection:	Wear protective clothing.



SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Liquid
Appearance:	Transparent liquid
Colour:	Colorless to yellowish
Odour:	Slightly characteristic

Property:	Values
pH (5% in neutral water):	6.5-7.5
Melting point/freezing point:	No data available
Boiling point:	No data available
Flash point:	No data available
Flammability limit:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Specific gravity (d_4^{20}):	No data available
Water solubility:	Miscible with water



SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Fortis PE

Partition coefficient: n-octanol/water:	No data available
Autoignition temperature:	No data available
Decomposition temperature:	No data available
Refractive index(20°C±5°C):	No data available

SECTION 10: Stability and reactivity

Chemical stability:	Stable under normal conditions
Possibility of hazardous reactions:	Thermal decomposition can lead to release of nitrogen oxides.
Conditions to avoid:	Dust, exposure to UV light, exposure to high temperature.
Incompatible materials:	Oxidants, acids, alkalis, active metal ions, such as iron, heavy metals, such as lead, mercury, etc.
Hazardous decomposition products:	No data available

SECTION 11: Toxicological information

Acute toxicity:	No data available
Skin corrosion/irritation:	No data available
Serious eye damage/irritation:	No data available
Respiratory or skin sensitisation:	No data available
Germ cell mutagenicity:	No data available
Carcinogenicity:	No data available
Reproductive toxicity:	No data available
STOT-single exposure:	No data available
STOT-repeated exposure:	No data available
Aspiration hazard:	No data available

SECTION 12: Ecological information

Ecotoxicity:	No data available
PHENOXYETHANOL:	No data available
ETHYLHEXYLGLYCERIN:	No data available
Bioaccumulation:	No data available
Mobility in soil:	No data available



SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Fortis PE

SECTION 13: Disposal considerations

Waste disposal methods: Waste disposal should be in accordance with applicable regional, national and local laws and regulations.

Precautions for waste disposal: Waste disposal should be in accordance with applicable regional, national and local laws and regulations.
Avoid environment pollution.

SECTION 14: Transport information

UN number: None
UN proper shipping name: None
Transport hazard class(es): None
Packing group: None
Special precautions: No applicable.
Marine pollutant (Yes/No): No.

SECTION 15: Regulation information

Countries regulatory information

	EINECS	TSCA	DSL	IECSC	NZIoC	PICCS	KECI	AIIC
PHENOXYETHANOL	Listed	Listed	Listed	Listed	Listed	Listed	Listed	Listed

SECTION 16: Other information

Training advice: No supplementary information available

Revision information: New SDS

Issue date: 08/10/2024

Other information: No supplementary information available

List of abbreviations and acronyms that could be, but not necessarily are, used in this safety data sheet:

GHS: Globally Harmonized System of Classification and Labelling of Chemicals



SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

Fortis PE

CAS: Chemical Abstracts Service

LD50: Lethal dose, for 50% of test population

NOAEL: No observed adverse effect level

LC50: Lethal concentration, for 50% of test population

OECD 301A: Organization for Economic Co-operation and Development

EINECS: European Inventory of Existing commercial Chemical Substances

TSCA: Toxic Substances control Act of USA

DSL: The Domestic Substances List of Canada

IECSC: Inventory of Existing Chemical Substances in China

NZIoC: New Zealand's current temporary inventory of chemical substances

PICCS: Philippine Inventory of Chemicals and Chemical Substances

KECI: Korea Existing Chemical Substances List

AIIC: Australian Inventory of Chemical Substances