



SAFETY DATA SHEET

According to 1907/2006/EC, Article 31

CINAGOS SP

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: CINAGOS SP
INCI name: Sodium Polyacrylate
CAS number: 9003-04-7
EC number:

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 SDN BHD
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: Not classified

Human Health Hazards

Skin contact: None identified
Eye contact: No data available
Ingestion: None identified

Physical/Chemical Hazards: Aqueous solution or damp powder can make the ground very slippery

Health hazards: Swallow is harmful
Environmental Hazards: No data available.

SECTION 3: Composition/information on ingredients

Chemical Name	CAS No.	EINECS No.	Weight (%)
SODIUM POLYACRYLATE	9003-04-7	/	100



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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. If the person feel uncomfortable, please seek medical attention promptly.
Eye Contact:	Rinse immediately with plenty of water for a few minutes. Remove contact lenses if convenient and continue to rinse. If eye irritation persists, seek medical attention in time.
Inhalation:	Remove person to fresh air and keep comfortable for breathing. If symptoms do not resolve, seek medical advice/medical attention.
Ingestion:	Gargle your mouth and drink plenty of water. Do not feed anything through the mouth to unconscious patients, and seek medical attention promptly.
Most important symptoms and effects, both acute and delayed:	No data.
Self-protection of the first aider:	Do not eat, drink or smoke. Enhance ventilation. Avoid contact with skin and eyes. Avoid inhalation. Protective equipment should be worn when entering the scene of the accident.
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
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Extinguishing media

Suitable extinguish media:	Applicable fire extinguishing agent: Extinguish the fire with water, spray water, chemical dry powder, carbon dioxide, foam fire extinguisher and sand.
Unsuitable extinguishing media	No data.
Special hazards arising from the substance or mixture:	Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.



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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.

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

Isolate the scene of the accident and keep out irrelevant personnel.

Collect and treat fire water to prevent environmental pollution.

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.
Avoid contact or step over the leaks.
All equipment used in the operation shall be connected to the ground.
Cut off the source of leakage as far as possible.
Eliminate all source of ignition.
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.

Environmental precautions:

Collect spillage to avoid environment pollution.
Do not allow into any sewer, on the ground or into any body of water.

Methods for cleaning up:

It is not advisable to rinse with water. Remove it with a bucket or vacuum cleaner, and the cleared polymer should be put wait for disposal in a suitable airtight container. After removal, the remaining small amount of polymer is washed away with water.

Prevention of secondary
hazards:

No data available.

Notification procedures:

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations



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SECTION 7: Handling and storage

Precaution for safe handling: Operation and disposal should be carried out in places with local ventilation or comprehensive ventilation facilities.
Avoid contact with eyes and skin. Avoid inhalation of steam.
It is recommended to wear suitable protective equipment (see Section 8 for details).
Keep away from fires and heat. Smoking, eating and drinking are strictly prohibited in the workplace.
Equipped with corresponding varieties and quantities of fire fighting equipment and leakage emergency treatment equipment.

Conditions for safe storage, including any incompatibilities

Heat and ignition sources: Keep away from kindling and heat sources
Information on mixed storage: It should be stored separately from the prohibited ingredients, and should not be mixed (see Section 10 for the prohibited ingredients).
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).
Others Equipped with corresponding varieties and quantities of fire-fighting equipment

SECTION 8: Exposure controls/personal protection

Admissible solution

Not contain substances with occupational exposure limits.

Control parameters

Occupational exposure limits: Country specific exposure limits have not been established or are not applicable unless listed below



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Exposure controls

Personal protective equipment:	Gloves. Protective clothing. Safety glasses
Materials for protective clothing:	Give good resistance: nitrile rubber
Hand protection:	Rubber gloves.
Eye protection:	Wear protective glasses.
Skin and body protection:	Wear protective clothing.
Respiratory protection:	When the concentration in the air exceeds the limit, wear a filter type gas mask (half mask). Respirators should be worn during emergency rescue or evacuation.



SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state:	Granular solid
Appearance:	Granular solid
Colour:	White
Odour:	None
pH(25°C±2°C):	The pH of 5g/L solution is 5 to 8
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:	See technical manual
Specific gravity (d20 4):	No data available
Water solubility:	Soluble
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



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SECTION 10: Stability and reactivity

Chemical stability:	The product is stable when stored and used at normal ambient temperature.
Conditions to avoid:	Dust, High temperature, UV radiation.
Incompatible materials:	Exothermic reactions occur in contact with oxidizing agents.
Hazardous decomposition products:	Thermal decomposition produces: Nitrogen oxides (NOX), carbon oxide

SECTION 11: Toxicological information

Acute toxicity:	Oral : LD > 5000mg/kg (mice)
Skin corrosion/irritation:	No irritation (multiple skin irritation tests).
Serious eye damage/irritation:	Experiments done according to Draize technology show that this product has no reaction to the cornea and iris, but only has a slight effect on the conjunctiva for a short time, just like all powders do on the conjunctiva.
Respiratory or skin sensitisation:	No irritation.
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:	Fish: Fat head fish 96 hour LC50 > 1000mg/l Algae: Selenastru; Capricornutum algae 96 hour EC50 > 500mg/l
Persistence and degradability:	Not readily biodegradable
Bioaccumulation:	This product does not bioaccumulate
Mobility in soil:	No data available

SECTION 13: Disposal considerations

Waste disposal methods:	Refer to relevant national and local regulations to ensure proper handling.
Precautions for waste disposal:	Refer to relevant national and local laws and regulations before disposal. Environmental pollution should be avoided during disposal.



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See section 8 for security precautions for disposition personnel.

SECTION 14: Transport information

UN number:	None
UN proper shipping name:	None
Transport hazard class(es):	None
Packing group:	None
Special precautions:	Not applicable.
Marine pollutant (Yes/No):	No.

SECTION 15: Regulation information

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

EU regulation:	This product is a non-dangerous goods. According to the requirements of the European Community
National regulation:	No data available

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

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, storage, transportation, disposal and release, and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. All items may have unknown hazards. Although some



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hazards are described in the text, we cannot guarantee that these are the only hazards that exist.
Therefore, they should be used with caution

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

CAS: Chemical Abstracts Service

LD50: Lethal dose, for 50% of test population

NOAEL: No observed adverse effect level
