

SAFETY DATA SHEET

Regulation (EC) No 1907/2006 and No 1272/2008

Revision: 2023/04/01

SECTION 1.	PRODUCT AND COMPANY IDENTIFICATION
-------------------	---

1.1 Product identifier:

Product name: GP-729A

1.2 Other means of identification:

Chemical name: Preparation containing calcium stearate and zinc stearate.

1.3 Recommended use of the chemical and restriction on use: For industrial use only.

1.4 Details of the supplier of the SDS:

Supplier: GOLDEN CHEMICAL CORP.

Address: ROOM 1105, NO. 142, MIN CHUAN E. RD., SEC 3, TAIPEI, TAIWAN

TEL: 886-2-87705929 FAX: 886-2-87705928

1.5 Emergency telephone number: 886-7-7870486

SECTION 2	HAZARDS IDENTIFICATION
------------------	-------------------------------

2.1 GHS classification of the substance or mixture:

Physical:

None Known

Health:

Acute Toxicity: Category 5

Skin Irritation: Category 3

Skin Sensitization: None Known

Eye Irritation: Category 2B

Environmental:

Acute Toxicity: None Known

Chronic Toxicity: Category 4

2.2 Label Elements:

GHS Label Elements: No symbol

Hazard Pictograms: No symbol

Signal Words: Warning

Hazard Statement(s):

H303+H333: May be harmful if swallowed and inhaled.

H313: May be harmful in contact with skin.

H316: Causes mild skin irritation.

H320: Cause eye irritation.

H413: May cause long lasting harmful effects to aquatic life.

Precautionary Statements:

P273: Avoid release to the environment.

P304+P312: IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501: Dispose of contents/container to an approved waste disposal plant in accordance with local regulation.

2.3 Other hazards:

PBT: Not available

vPvB: Not available

Determination or endocrine-disrupting properties: Not available

SECTION 3.	COMPOSITION / INFORMATION ON INGREDIENTS
-------------------	---

3.2 Mixtures:

Ingredient	Percent (by weight)	CAS No.
Zinc Stearate:	15-30 %	557-05-1
Calcium Stearate:	10-25 %	1592-23-0
Processing aid	8-18 %	58446-52-9.2082-79-3
Processing aid	30-50 %	11097-59-9

SECTION 4.	FIRST AID MEASURES
-------------------	---------------------------

4.1 Description of first aid measures:

Inhalation: Remove to fresh air .In case of irritation of respiratory system or mucous membranes, or if feeling unwell or after prolonged exposure, get medical attention.

Ingestion: Rinse mouth. Induce vomiting and transport to hospital.

Skin Contact: Wash it out with soap and water.

Eye contact: Immediately flush eyes with water and continue washing for at least 15 minutes. In case of eye irritation seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Notes to Physician: Treat symptomatically.

SECTION 5.	FIRE-FIGHTING MEASURES
-------------------	-------------------------------

5.1 Extinguishing media: Water mist, Sand, earth, Foam, Carbon dioxide, dry powder.

5.2 Special hazards arising from the substance or mixture:

Hazardous decomposition products: Carbon dioxide and some carbon monoxide.

5.3 Advice for firefighters:

Special fire fighting procedures: Do not release chemically contaminated water into drains, soil or surface water.

Special protective equipment for fire fighters: Wear self-contained breathing apparatus.

SECTION 6.	ACCIDENTAL RELEASE MEASURES
-------------------	------------------------------------

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid breathing dust. Wash thoroughly after handling.

6.2 Environmental precautions: Prevent from entering sewer system, surface water or soil.

Spillage: Sweep, scoop, or vacuum discharged material.

6.3 Methods and material for containment and cleaning up:

Waste disposal method: Landfill according to local, state, and federal regulations. Disposed materials is not a RCRA hazardous waste.

6.4 Reference to other sections: See sections 7, 8 and 13.

SECTION 7.	HANDLING AND STORAGE
-------------------	-----------------------------

7.1 Precautions for safe handling:

Use only in well ventilated areas.

7.2 Conditions for safe storage, including any incompatibilities:

Keep in a cool, dry, well-ventilated place.

7.3 Specific end use(s):

No further relevant information available.

SECTION 8.	EXPOSURE CONTROLS/PERSONAL PROTECTION
-------------------	--

8.1 Control parameters: No further relevant information available.

8.2 Exposure controls:

Engineering Controls: Provide for sufficient ventilation and/ or exhaust.

Individual protection measures, such as personal protective equipment:

Respiratory protection: Use NIOSH approved dust respiratory where dust occurs.
Hand protection/protective gloves: Light cotton gloves are sufficient to protect hands from irritation arising from dehydrating effects.

Eye Protection: Chemical goggles.

Other protective equipment: Safety shower and eyewash fountain should be within direct access.

Industrial hygiene measures: When using do not eat, drink or smoke.

SECTION 9.	PHYSICAL AND CHEMICAL PROPERTIES
-------------------	---

9.1 Information on basic physical and chemical properties:

Physical: Solid powder	PH: >7.0
Color: White to yellowish	Solubility in water: Insoluble.
Odor: Slightly oil odor.	Melting point: 70~165°C

Apparent density: 0.50 ± 0.05

Solubility in organic solvents: insoluble

Thermal decomposition: >=250°C

9.2 Other information: No further relevant information available.

SECTION 10.	STABILITY AND REACTIVITY
--------------------	---------------------------------

10.1 Stability: Stable

10.2 Chemical stability: No further relevant information available.

10.3 Possibility of hazardous reactions: No further relevant information available.

10.4 Conditions to avoid: No further relevant information available.

10.5 Incompatible materials: Oxidizing agents, strong acids/ bases.

10.6 Hazardous combustion products: Carbon monoxide and carbon dioxide.

SECTION 11.	TOXICOLOGICAL INFORMATION
--------------------	----------------------------------

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

Acute toxicity:

Zinc distearate: LD50 Oral(rat) > 5000 mg/kg; LD50 Dermal(rat) > 2000 mg/kg

Skin irritation/corrosivity: Causes skin irritation.

Serious eye damage/Irritation: Causes serious eye damage.

Respiratory or skin sensitisation: Adverse effects are not expected.

Germ cell mutagenicity: No information available.

Carcinogenicity: No information available.

Reproductive toxicity: No information available.

STOT-single exposure: No information available.

STOT-repeated exposure: No information available.

Aspiration hazard: No information available.

Information on likely routes of exposure:

Swallowing: Not available

Skin Contact: Not available

Eye Contact: Not available

Sensitization: Not available

11.2 Information on other hazards: No further relevant information available.

SECTION 12.	ECOLOGICAL INFORMATION
--------------------	-------------------------------

Biodegradation: Not available

12.1 Toxicity:

Zinc distearate: LC50 - 1.7-20 mg/l - 96 h (Toxicity to fish)

12.2 Persistence and degradability:

Zinc distearate: Result: 50 % - Readily biodegradable.

12.3 Bioaccumulative potential: No further relevant information available.

12.4 Mobility in soil: No further relevant information available.

12.5 Results of PBT and vPvB assessment: No further relevant information available.

12.6 Endocrine disrupting properties: No further relevant information available.

12.7 Other adverse effects: No further relevant information available.

SECTION 13.	DISPOSAL CONSIDERATIONS
--------------------	--------------------------------

13.1 Waste treatment methods:

General information: Burn in compliance with operative regulations in a hazardous waste incinerator. Dispose of in accordance with appropriate Federal, State and local regulations.

Non-cleaned packages: Dispose of in the same way as product, can be reused after cleaning. Dispose of washing solution in the same way as product.

SECTION 14.	TRANSPORT INFORMATION
--------------------	------------------------------

14.1 UN number or ID number:

This product is not regulated by ADR/RID/AND, IMDG and IATA.

14.2 UN proper shipping name:

This product is not regulated by ADR/RID/AND, IMDG and IATA.

14.3 Transport hazard class(es):

This product is not regulated by ADR/RID/AND, IMDG and IATA.

14.4 Packing group:

This product is not regulated by ADR/RID/AND, IMDG and IATA.

14.5 Environmental hazards:

Environmentally Hazardous Substance/Marine Pollutant: No

14.6 Special precautions for user:

No further relevant information available.

14.7 Maritime transport in bulk according to IMO instruments:

No further relevant information available.

14.8 Transport/Additional information:

Not dangerous according to the above specifications.

UN model regulations: No information available.

SECTION 15.	REGULATORY INFORMATION
--------------------	-------------------------------

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

UK Statutory Instruments:

Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (CHIP)

Guidance Notes(HSE):

EH40/2005 Workplace exposure limits

EU Legislation:

Regulation (EU) No 649/2012:

None of the ingredients is listed.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

US Federal Regulations

CERCLA:

Comprehensive Environmental Response Compensation and Liability Act of 1980(CERCLA) requires notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (RQ's) in 40CFR302.4.

Components present in this product at a level which could require reporting under the statute are: NONE

SARA 302 and 304:

Superfund Amendments and Reauthorization Act of 1986(SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQ's) and release reporting based on Reportable Quantities (RQ's) in 40CFR355(used for SARA 302 and 304)

Components present in this product at a level which could require reporting under the statute are: NONE

SARA 313:

Superfund Amendments and Reauthorization Act of 1986(SARA) Title III require submission of annual reports of release of toxic chemicals that appear in 40CFR372 (for SARA 313). This information must be included in SDS's that are copied and distributed for this material.

Components present in this product at a level which could require reporting under the statute are: NONE

15.2 Chemical safety assessment: No chemical safety assessment has been carried out.

SECTION 16.	OTHER INFORMATION
--------------------	--------------------------

Further Information

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2020/878.

HMIS Rating

Health: 1	Flammability: 0	Reactivity: 0	PPI:
-----------	-----------------	---------------	------

LEGEND

STP	Standard temperature and pressure
W/W	Weight/Weight
0(HMIS)	Minimal hazard
1(HMIS)	Slight hazard
2(HMIS)	Moderate hazard
3(HMIS)	Serious hazard
4(HMIS)	Severe hazard
X(HMIS)	Personal protection rating to be supplied by user depending on use conditions

Disclaimer:

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET

Regulation (EC) No 1907/2006 and No 1272/2008

Revision: 2023/04/01

SECTION 1.	PRODUCT AND COMPANY IDENTIFICATION
-------------------	---

1.1 Product identifier:

Product name: GP-729C06

1.2 Other means of identification:

Chemical name: Preparation containing calcium stearate and zinc stearate.

1.3 Recommended use of the chemical and restriction on use: For industrial use only.

1.4 Details of the supplier of the SDS:

Supplier: GOLDEN CHEMICAL CORP.

Address: ROOM 1105, NO. 142, MIN CHUAN E. RD., SEC 3, TAIPEI, TAIWAN

TEL: 886-2-87705929 FAX: 886-2-87705928

1.5 Emergency telephone number: 886-7-7870486

SECTION 2	HAZARDS IDENTIFICATION
------------------	-------------------------------

2.1 GHS classification of the substance or mixture:

Physical:

None Known

Health:

Acute Toxicity: Category 5

Skin Irritation: Category 3

Skin Sensitization: None Known

Eye Irritation: Category 2B

Environmental:

Acute Toxicity: None Known

Chronic Toxicity: Category 4

2.2 Label Elements:

GHS Label Elements: No symbol

Hazard Pictograms: No symbol

Signal Words: Warning

Hazard Statement(s):

H303+H333: May be harmful if swallowed and inhaled.

H313: May be harmful in contact with skin.

H316: Causes mild skin irritation.

H320: Cause eye irritation.

H413: May cause long lasting harmful effects to aquatic life.

Precautionary Statements:

P273: Avoid release to the environment.

P304+P312: IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501: Dispose of contents/container to an approved waste disposal plant in accordance with local regulation.

2.3 Other hazards:

PBT: Not available

vPvB: Not available

Determination or endocrine-disrupting properties: Not available

SECTION 3.	COMPOSITION / INFORMATION ON INGREDIENTS
-------------------	---

3.2 Mixtures:

Ingredient	Percent (by weight)	CAS No.
Zinc Stearate:	5-15 %	557-05-1
Calcium Stearate:	0-10 %	1592-23-0
Antioxidant:	10-30 %	58446-52-9
Processing aid	30-60 %	11097-59-9
Other additives:	0-10%	-

SECTION 4.	FIRST AID MEASURES
-------------------	---------------------------

4.1 Description of first aid measures:

Inhalation: Remove to fresh air .In case of irritation of respiratory system or mucous membranes, or if feeling unwell or after prolonged exposure, get medical attention.

Ingestion: Rinse mouth. Induce vomiting and transport to hospital.

Skin Contact: Wash it out with soap and water.

Eye contact: Immediately flush eyes with water and continue washing for at least 15 minutes. In case of eye irritation seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Notes to Physician: Treat symptomatically.

SECTION 5.	FIRE-FIGHTING MEASURES
-------------------	-------------------------------

5.1 Extinguishing media: Water mist, Sand, earth, Foam, Carbon dioxide, dry powder.

5.2 Special hazards arising from the substance or mixture:

Hazardous decomposition products: Carbon dioxide and some carbon monoxide.

5.3 Advice for firefighters:

Special fire fighting procedures: Do not release chemically contaminated water into drains, soil or surface water.

Special protective equipment for fire fighters: Wear self-contained breathing apparatus.

SECTION 6.	ACCIDENTAL RELEASE MEASURES
-------------------	------------------------------------

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid breathing dust. Wash thoroughly after handling.

6.2 Environmental precautions: Prevent from entering sewer system, surface water or soil.

Spillage: Sweep, scoop, or vacuum discharged material.

6.3 Methods and material for containment and cleaning up:

Waste disposal method: Landfill according to local, state, and federal regulations. Disposed materials is not a RCRA hazardous waste.

6.4 Reference to other sections: See sections 7, 8 and 13.

SECTION 7.	HANDLING AND STORAGE
-------------------	-----------------------------

7.1 Precautions for safe handling:

Use only in well ventilated areas.

7.2 Conditions for safe storage, including any incompatibilities:

Keep in a cool, dry, well-ventilated place.

7.3 Specific end use(s):

No further relevant information available.

SECTION 8.	EXPOSURE CONTROLS/PERSONAL PROTECTION
-------------------	--

8.1 Control parameters: No further relevant information available.

8.2 Exposure controls:

Engineering Controls: Provide for sufficient ventilation and/ or exhaust.

Individual protection measures, such as personal protective equipment:

Respiratory protection: Use NIOSH approved dust respiratory where dust occurs.

Hand protection/protective gloves: Light cotton gloves are sufficient to protect hands from irritation arising from dehydrating effects.

Eye Protection: Chemical goggles.

Other protective equipment: Safety shower and eyewash fountain should be within direct access.

Industrial hygiene measures: When using do not eat, drink or smoke.

SECTION 9.	PHYSICAL AND CHEMICAL PROPERTIES
-------------------	---

9.1 Information on basic physical and chemical properties:

Physical: Solid powder	PH: >7.0
Color: White to yellowish	Solubility in water: Insoluble.
Odor: Slightly oil odor.	Melting point: 70~165°C
Apparent density: 0.50 ± 0.05	
Solubility in organic solvents: insoluble	
Thermal decomposition: >=250°C	

9.2 Other information: No further relevant information available.

SECTION 10.	STABILITY AND REACTIVITY
--------------------	---------------------------------

10.1 Stability: Stable

10.2 Chemical stability: No further relevant information available.

10.3 Possibility of hazardous reactions: No further relevant information available.

10.4 Conditions to avoid: No further relevant information available.

10.5 Incompatible materials: Oxidizing agents, strong acids/ bases.

10.6 Hazardous combustion products: Carbon monoxide and carbon dioxide.

SECTION 11.	TOXICOLOGICAL INFORMATION
--------------------	----------------------------------

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

Acute toxicity:

Zinc distearate: LD50 Oral(rat) > 5000 mg/kg; LD50 Dermal(rat) > 2000 mg/kg

Skin irritation/corrosivity: Causes skin irritation.

Serious eye damage/Irritation: Causes serious eye damage.

Respiratory or skin sensitisation: Adverse effects are not expected.

Germ cell mutagenicity: No information available.

Carcinogenicity: No information available.

Reproductive toxicity: No information available.

STOT-single exposure: No information available.

STOT-repeated exposure: No information available.

Aspiration hazard: No information available.

Information on likely routes of exposure:

Swallowing: Not available

Skin Contact: Not available

Eye Contact: Not available

Sensitization: Not available

11.2 Information on other hazards: No further relevant information available.

SECTION 12.	ECOLOGICAL INFORMATION
--------------------	-------------------------------

Biodegradation: Not available

12.1 Toxicity:

Zinc distearate: LC50 - 1.7-20 mg/l - 96 h (Toxicity to fish)

12.2 Persistence and degradability:

Zinc distearate: Result: 50 % - Readily biodegradable.

12.3 Bioaccumulative potential: No further relevant information available.

12.4 Mobility in soil: No further relevant information available.

12.5 Results of PBT and vPvB assessment: No further relevant information available.

12.6 Endocrine disrupting properties: No further relevant information available.

12.7 Other adverse effects: No further relevant information available.

SECTION 13.	DISPOSAL CONSIDERATIONS
--------------------	--------------------------------

13.1 Waste treatment methods:

General information: Burn in compliance with operative regulations in a hazardous waste incinerator. Dispose of in accordance with appropriate Federal, State and local regulations.

Non-cleaned packages: Dispose of in the same way as product, can be reused after cleaning. Dispose of washing solution in the same way as product.

SECTION 14.	TRANSPORT INFORMATION
--------------------	------------------------------

14.1 UN number or ID number:

This product is not regulated by ADR/RID/AND, IMDG and IATA.

14.2 UN proper shipping name:

This product is not regulated by ADR/RID/AND, IMDG and IATA.

14.3 Transport hazard class(es):

This product is not regulated by ADR/RID/AND, IMDG and IATA.

14.4 Packing group:

This product is not regulated by ADR/RID/AND, IMDG and IATA.

14.5 Environmental hazards:

Environmentally Hazardous Substance/Marine Pollutant: No

14.6 Special precautions for user:

No further relevant information available.

14.7 Maritime transport in bulk according to IMO instruments:

No further relevant information available.

14.8 Transport/Additional information:

Not dangerous according to the above specifications.

UN model regulations: No information available.

SECTION 15.	REGULATORY INFORMATION
--------------------	-------------------------------

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

UK Statutory Instruments:

Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (CHIP)

Guidance Notes(HSE):

EH40/2005 Workplace exposure limits

EU Legislation:

Regulation (EU) No 649/2012:

None of the ingredients is listed.

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

US Federal Regulations

CERCLA:

Comprehensive Environmental Response Compensation and Liability Act of 1980(CERCLA) requires notification of the National Response Center of release of quantities of hazardous substances equal to or greater than the reportable quantities (RQ's) in 40CFR302.4.

Components present in this product at a level which could require reporting under the statute are: NONE

SARA 302 and 304:

Superfund Amendments and Reauthorization Act of 1986(SARA) Title III requires emergency planning based on Threshold Planning Quantities (TPQ's) and release reporting based on Reportable Quantities (RQ's) in 40CFR355(used for SARA 302 and 304)

Components present in this product at a level which could require reporting under the statute

are: NONE

SARA 313:

Superfund Amendments and Reauthorization Act of 1986(SARA) Title III require submission of annual reports of release of toxic chemicals that appear in 40CFR372 (for SARA 313). This information must be included in SDS's that are copied and distributed for this material.

Components present in this product at a level which could require reporting under the statute are: NONE

15.2 Chemical safety assessment: No chemical safety assessment has been carried out.

SECTION 16.

OTHER INFORMATION

Further Information

The contents and format of this SDS are in accordance with Regulation (EC) No 1907/2006, 1272/2008 and Regulation (EU) No 2020/878.

HMIS Rating

Health: 1	Flammability: 0	Reactivity: 0	PPI:
-----------	-----------------	---------------	------

LEGEND

STP	Standard temperature and pressure
W/W	Weight/Weight
0(HMIS)	Minimal hazard
1(HMIS)	Slight hazard
2(HMIS)	Moderate hazard
3(HMIS)	Serious hazard
4(HMIS)	Severe hazard
X(HMIS)	Personal protection rating to be supplied by user depending on use conditions

Disclaimer:

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.