

SAFETY DATA SHEET

According to Regulation (EC) No.1907/2006

Version 4.0 Revision Date 03.01.2016

**Safety Data Sheet
Sunflowerseedamidopropyl PG-Dimonium Chloride Phosphate****Section 1: Identification of the Substance/Mixture and of the Company/Undertaking****1.1 Product identifiers**

Product name : Sunflowerseedamidopropyl PG-Dimonium Chloride Phosphate
INCI Name : Sunflowerseedamidopropyl PG-Dimonium Chloride Phosphate
Product Number : C11003S

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses : Hair conditioning, antistatic, Surfactant for various applications

1.3 Details of the supplier of the safety data sheet

Company : M.C.Biotec Inc.
47-505, Demin Huayuan, Chongchuan,
Nantong 226006, China
Tel : +86-139-13923033
Fax : +86-10-80115555 ext 441505
E-mail address : mc@mcbiotec.com
Website : www.mcbiotec.com

1.4 Emergency telephone number

Emergency Phone # : +86-139-13923033

Section 2: Hazards Identification**2.1 Classification of the substance or mixture**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

This substance is not classified as dangerous according to Directive 67/548/EEC.

2.2 Label Elements:

Hazardous products which must be listed on the label:

None

Globally Harmonized System of Classification and Labeling of Chemicals (GHS)

Precautionary **General**

statements: None

Prevention

P264	Wash skin thoroughly after handling
P280	Wear protective gloves/eye protection/face protection
Response	
P302 + P352	IF ON SKIN: Wash with plenty of soap and water
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Storage	
P404	Store in a closed container
P420	Store away from strong oxidizing agents and reducing agents
Disposal	
P501	Dispose of contents and/or container in accordance with local, regional, national, and/or international regulations.

2.3 Other hazards – none

Section 3: Composition and Information on Ingredients

3.1 Substances

Chemical nature : Surfactant, Conditioning agent

Information on Components and Impurities

A) Ingredient	Identification No.	GHS Classification	Concentration (%)
Sunflowerseedamidopropyl PG-Dimonium Chloride Phosphate	--	None	>30.0
B) Additives	Identification No.	GHS Classification	Concentration (%)
Sodium Chloride	CAS RN:7647-14-5	None	<5.0
Water	CAS RN:7732-18-5	None	<65.0

Section 4: First Aid Measures

Description of necessary first-aid measures

General advice : Show this safety data sheet to the doctor in attendance. First aider needs to protect himself/herself. Place affected clothing in a sealed bag for subsequent decontamination.

Inhalation	: Remove victim to fresh air. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.
Skin exposure	: In case of contact with substance, immediately flush skin with running water for at least 20 minutes. Remove and isolate contaminated clothing and shoes. If skin irritation continues: Get medical attention.
Eye exposure	: In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If present and easy to do, remove contacts. If eye irritation persists, consult a physician.
Ingestion	: Do NOT induce vomiting without medical advice. Drink water as a precaution. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Section 5: Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media: CO₂, Dry Chemical, BC/ABC Extinguishers

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting: On combustion forms carbon monoxide, carbon dioxide, potassium oxide

5.3 Advice for firefighters

Special protective equipment: Self-contained breathing apparatus (EN 133)
Full protective suit

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable protective equipment. Do not touch damaged containers or spilled material unless wearing suitable protective clothing.

6.2 Methods for Cleaning or Taking Up

SMALL SPILLS: Take up with sand or other **SMALL SPILLS:** Take up with sand or other non-combustible absorbent material and place into containers for later disposal.

LARGE SPILLS: Dike far ahead of spill for later disposal. To avoid gelling and foaming problems, do not use water to flush to industrial sewer. Spills may be reportable to local, state, federal and/or provincial authorities.

6.3 Additional advice

Prevent entry into waterways, sewers, basements or confined areas.

Section 7: Handling and Storage

7.1 Handling

Advice on safe handling and usage: Avoid contact with skin and eyes.

7.2 Storage

Recommended: Keep tightly closed when not in use.

Section 8: Exposure Controls/Personal Protection

8.1 Control parameters

Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Sunflowerseedamidopropyl PG-Dimonium Chloride Phosphate	none listed	none listed	none listed

8.2 Exposure controls

Appropriate engineering controls

General industrial hygiene practice.

Personal protective equipment

Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices.

Wash and dry hands.

The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Body Protection

impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection

Respiratory protection not required. For nuisance exposures use type OV/AG (US) or type ABEK (EU EN 14387) respirator cartridges. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

a)	Appearance	Form: liquid Colour: Clear amber
b)	Odour	characteristic/amine
c)	Odour Threshold	no data available
d)	pH: 10% solution	6.0~8.0
e)	Melting point/freezing point	no data available
f)	Initial boiling point and boiling range	>93° C
g)	Flash point	no data available
h)	Evaporation rate	no data available
i)	Flammability (solid, gas)	Not a highly flammable liquid
j)	Upper/lower flammability or explosive limits	no data available
k)	Vapour pressure	no data available
l)	Vapour density	no data available
m)	Relative density	no data available
n)	Water solubility	no data available
o)	Partition coefficient: noctanol/water	no data available
p)	Autoignition temperature	no data available
q)	Decomposition temperature	no data available
r)	Viscosity	no data available
s)	Explosive properties	no data available
t)	Oxidizing properties	no data available
9.2	Other safety information	
	no data available	

Section 10: Stability and Reactivity

10.1 Reactivity

no data available

10.2 Chemical stability

no data available

10.3 Possibility of hazardous reactions

no data available

10.4 Conditions to avoid

Prolonged, excessive heat

10.5	Incompatible materials	Strong oxidizing agents, reducing agents	
10.6	Hazardous decomposition products	Other decomposition products - no data available	
Section 11: Toxicological Information			
11.1	Skin Contact	Skin irritation: 48 Hour Patch Test, No potential for dermal irritation (2000)	
11.2	Eye Contact	Eye irritation: HET-CAM 6.25	
Section 12: Ecological Information			
12.1	Ecotoxicity assessment	Ecotoxicity assessment: No data available	
12.2	Persistence and degradability	Biodegradability: (OECD 301B) 44.4%	
Section 13: Disposal Considerations			
13.1	Waste treatment methods		
	Product	Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.	
	Contaminated packaging	Dispose of as unused product.	
Section 14: Transport Information			
14.1	UN number		
	ADR/RID: -	IMDG: -	IATA: -
14.2	UN proper shipping name		
	ADR/RID: -	Not dangerous goods	
	IMDG: -	Not dangerous goods	
	IATA: -	Not dangerous goods	
14.3	Transport hazard class(es)		
	ADR/RID: -	IMDG: -	IATA: -
14.4	Packaging group		
	ADR/RID: -	IMDG: -	IATA: -
14.5	Environmental hazards		

ADR/RID: no	IMDG Marine pollutant: no	IATA: no
14.6	Special precautions for user	
	no data available	

Section 15: Regulatory Information

TSCA:	Listed
EU (EINECS):	Listed
Canada (DSL):	Listed
Australia (AICS):	Listed
Philippines	Listed
(PICCS):	Listed
Korea (ECL):	Listed
China (IECSC):	Listed
New Zealand	Listed
(NZIoC):	List
Japan (ENCS):	

Section 16: Other Information

Other Special Considerations: Not available.

Disclaimer

The information above is based on our present knowledge. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. Users should make their own investigations to determine the suitability of the information for their particular purposes.

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0
PERSONAL PROTECTION	B

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