

SAFETY DATA SHEET

Revision date: 22-Feb-2024

Section 1: CHEMICALS AND COMPANY IDENTIFICATION

Chemical name: Emulsifier Thickening agent 720

Recommended use of the chemical and restrictions on use

Product Use Description: Emulsifier Thickening agent

Names, addresses, and phone numbers of manufacturer, importer or supplier

Company/Undertaking Identification YUNGCHI INTERNATIONAL TRADING CO., LTD.
No. 2-25, Dagong Rd., Luzhu Dist., Kaohsiung City, Taiwan (R.O.C.)
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Section 2: HAZARDS IDENTIFICATION

GHS - Classification

Serious eye damage/eye irritation	Category 2A
Chronic aquatic toxicity	Category 3

Label Elements



Signal Word Warning

Hazard Statements

H319 - Causes serious eye irritation
H413 - May cause long lasting harmful effects to aquatic life

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling
Wear protective gloves/protective clothing/eye protection/face protection
Avoid release to the environment

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
If eye irritation persists: Get medical advice/attention

Precautionary Statements - Storage

Store in a closed container

Precautionary Statements - Disposal

Dispose of contents/ container to an approved waste disposal plant

Other Information

None known

Section 3: COMPOSITION/INFORMATION ON INGREDIENTS

Distinction of Substance or Mixture Mixture

Hazardous components, or components with exposure limits (see section 8)

Components	CAS-No	Weight %
Castor oil, sulfated, sodium salt	68187-76-8	50 - 100 %

Section 4: FIRST AID MEASURES

General advice:	Show this safety data sheet to the doctor in attendance. Get medical attention immediately if symptoms occur.
Inhalation:	If breathing is difficult, give oxygen. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
Skin contact:	If a person feels unwell or symptoms of skin irritation appear, consult a physician. Wash off immediately with soap and plenty of water.
Eye contact:	If eye irritation persists, consult a specialist. Rinse immediately carefully and thoroughly with eye-bath or water.
Ingestion	Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. If swallowed, seek medical advice immediately and show this SDS or label.
Protection of first-aiders:	Avoid contact with skin and eyes
Most Important Symptoms and Effects	Severe eye irritation. Irritating to mucous membranes. Redness. Swelling of tissue.
Notes to physician	Treat symptomatically

Section 5: FIRE FIGHTING MEASURES

Suitable extinguishing media

Carbon dioxide (CO₂)
Dry powder
Dry sand
Alcohol-resistant foam
Use water spray or fog; do not use straight streams

Extinguishing media which must not be used for safety reasons

None

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

None in particular

Hazardous combustion products

Carbon monoxide
Carbon dioxide (CO₂)
Sulphur oxides (SO_x)

Unusual Fire and Explosion Hazards:

May emit toxic fumes under fire conditions

Explosive properties:

Not explosive

Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary

Section 6: ACCIDENTAL RELEASE MEASURES

Personal precautions	Use personal protective equipment. Keep people away from and upwind of spill/leak.
Environmental precautions:	Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.
Clean-up methods:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly. Prevent product from entering drains. Local authorities should be advised if significant spillages cannot be contained.

Section 7: HANDLING AND STORAGE

Safe handling	Avoid contact with skin, eyes and clothing. Avoid breathing mists, dusts, or vapors. Wash hands thoroughly after handling.
Storage Conditions	Do not freeze. Keep container tightly closed. Store at room temperature in the original container.
Additional Storage:	Unsuitable materials Carbon steel Suitable material: Stainless steel Plastic drum

Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

<u>Exposure Limits</u>	This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies
Engineering Measures	Use only with adequate ventilation
Hygiene Measures	Handle in accordance with good industrial hygiene and safety practice
Environmental Exposure Controls	No information available.
<u>Personal Protective Equipment</u>	
Respiratory protection:	In case of insufficient ventilation wear suitable respiratory equipment
Hand protection	Protective gloves Neoprene gloves
Eye/face protection	Tightly fitting safety goggles
Skin and body protection	Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Appearance:	Liquid
Color:	Clear
Odor:	Nearly odorless
Odor Threshold	No data available

<u>Property</u>	<u>Values</u>	<u>Remarks / • Method</u>
pH	6.5 - 7.5	ASTM D1172
Melting point/range:	No data available	
Freezing point:	0 °C	
Boiling Point/Range	212 °F / 100°C	
Flash Point	Not applicable	
Evaporation rate	No data available	
Explosion limits:	No data available	
Vapor pressure	17 mm	

Vapor density available	hPa No data	68 °F 20 °C
Density:	1.04 g/cm ³	ISO 2811-2
Water solubility	Soluble	
Solubility in other solvents available	No data	
Partition coefficient: n-octanol/water data available	No	
Autoignition temperature	Not self-igniting	
Decomposition temperature	> 90 (°C)	
Viscosity:	< 1000 mPa.s	ASTM D2196
Explosive properties:	Not explosive	
Oxidizing Properties	No information available	
Bulk Density	No data available	

Section 10: STABILITY AND REACTIVITY

Reactivity

No dangerous reaction known under conditions of normal use

Chemical Stability

Stable under recommended storage conditions.

Explosion data:

Not explosive

Possibility of Hazardous Reactions

None known

Conditions to Avoid

Exposure to air or moisture over prolonged periods.

Incompatible Materials:

Oxidizing agent

Hazardous Decomposition Products

None reasonably foreseeable

Section 11: TOXICOLOGICAL INFORMATION

Acute Toxicity

Product Information

No data is available on the product itself

Information on likely routes of exposure Inhalation:

No data available.

Eye contact:

No data available.

Skin contact:

No data available.

Ingestion

No data available.

Component Information

Components	LD50/Oral	LC50/inhalation	LD50/Dermal
Castor oil, sulfated, sodium salt	> 15600 mg/kg (Rat)		> 2000 mg/kg (Rat)

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Corrosivity

No data available

Sensitization

No data available

Mutagenic effects

No data available.

Carcinogenic effects There are no known carcinogenic chemicals in this product

Chronic Toxicity

Chronic toxicity: No data is available on the product itself
Reproductive Toxicity: No data available.
Developmental Toxicity No data available.
Target Organ Effects: None known.

Section 12: ECOLOGICAL INFORMATION

Product Information There is no data available for this product

Ecotoxicity The environmental impact of this product has not been fully investigated.

Components	Toxicity to Algae	Toxicity to Fish	Daphnia Magna (Water Flea)
Castor oil, sulfated, sodium salt	NOELR: 10 mg/L (72h)	LC50: 550 mg/L (Danio rerio; 96h)	NOELR: 100 mg/L (48h)

Persistence and degradability: No data available

Bioaccumulative potential: No data available

Biodegradability: The product is readily biodegradable

General Note:

Do not allow product to reach ground water, water course or sewage system. Danger to drinking water if even small quantities leak into the ground.

Section 13: DISPOSAL CONSIDERATIONS

Waste from residues /unused products Dispose of in accordance with local regulations. Do not contaminate ponds, waterways or ditches with chemicals or used container.

Contaminated packaging Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14: TRANSPORT INFORMATION

Surface Shipments in Europe (ADR/RID): Not regulated

International Air Transport Association (IATA) Not regulated

International Maritime Dangerous Goods (IMDG) Not regulated

Section 15: REGULATORY INFORMATION

The regulations, provisions and standards specific for the chemical are listed as follows:

- Regulation of New and Existing chemical substances Registration
- Regulation of Labeling and Hazard Communication of Hazardous Chemicals
- Standards of occupational exposure limit in workplace
- Road Traffic Safety Regulation

Taiwan Regulations

For purchases from Taiwan legal entities, all ingredients are currently registered or exempt under Regulations of New and Existing Chemical Substances Registration in Taiwan. For purchases from outside Taiwan please contact your local vendor.

International Inventories

USA (TSCA): Not applicable
EU (EINECS): Not applicable
EU REACH: Not applicable

Canada (DSL)	Not applicable
CANADA (NDSL):	Not applicable
JAPAN (ENCS):	Not applicable
AUSTRALIA (AICIS):	Not applicable
China (IECSC)	Not applicable
KOREA (KECL):	Not applicable
NEW ZEALAND (NZIoC):	Not applicable
PHILIPPINES (PICCS):	Not applicable
TAIWAN (TCSI):	Complies

Legend:

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List
ENCS - Japan Existing and New Chemical Substances **AICIS**
 - Australian Industrial Chemicals Introduction Scheme **IECSC**
 - China Inventory of Existing Chemical Substances **KECL** -
 Korean Existing and Evaluated Chemical Substance
NZIoC - New Zealand Inventory of Chemicals
PICCS - Philippines Inventory of Chemicals and Chemical Substances
TCSI - Taiwan Chemical Substance Inventory

Section 16: OTHER INFORMATION

Prepared by	Product Stewardship
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Sources of key data used to compile the safety data sheet: Internal technical data, data from raw material SDSs, OECD eChem Portal search results and European Chemicals Agency, <http://echa.europa.eu/>

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 guidance for safe handling, use, processing, storage, transportation, disposal and release, and is not to be considered a warranty or quality specification. The information relates only to the specific product designated and may not be valid for such product when used in combination with any other material or in any process, unless specified in this SDS. We specifically disclaims any liability for any loss, injury or damage which may result from use or misuse of this product. All chemicals should be handled only by competent personnel, within a controlled environment. It is the buyer's/user's responsibility to ensure that his activities comply with all applicable federal, state, provincial and local laws, and to determine the conditions necessary for the safe use of this product. We urge each customer or recipient of this SDS to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product.

End of Safety Data Sheet