

Safety Data Sheet
According to Regulation (EU) No. 1907/2006, Annex II,
Amended by REGULATION (EU) No 453/2010,
According to Regulation (EU) No. 1272/2008

LIGHT STABILIZER 622

SDS Record Number: CSSS-TCO-010-110203

Printing date: 20/06/2011

Version 1.1

Revision date: 20/06/2011

1 Identification of the substance and of the company/undertaking

1.1 Product identifier:

Identification on the label/Trade name: LIGHT STABILIZER 622
Additional identification: UV 622
Identification of the product: CAS# 65447-77-0
Index Number: Not available
REACH registration No: Not available

1.2 Relevant identified uses of the substance and uses advised against:

1.2.1 Identified uses:

UV curing agents.

1.2.2 Uses advised against:

Not available.

1.3 Details of the supplier of the safety data sheet:

Supplier(Only representative): -
Supplier(Manufacturer): SUQIAN UNITECHEM CO., LTD
Address: Nanhua Road, North Economic Development District, Suqian City,
Jiangsu, China
Contact person(E-mail): -
Telephone: +86-527-84849266
Fax: + 86-527-84836333

1.4 Emergency telephone Number:

+353 41 980 6916

Available outside office hours?

YES

NO

2 Hazards Identification

2.1 Classification of the substance

2.1.1 Classification:

The substance is classified as following according to 67/548/EEC and REGULATION (EC) No 1272/2008:

REGULATION (EC) No 1272/2008	
Hazard classes/Hazard categories	Hazard statement
N/A	N/A

For full text of H- phrases: see section 2.2.

67/548/EEC	
Hazards characteristics	R-Phrases
N/A	N/A

For full text of R- phrases: see section 16.

2.1.2 The most important adverse effects

2.1.2.1 The most important adverse physicochemical effects:

Not applicable.

2.1.2.2 The most important adverse human health effects:

Not applicable.

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2.1.2.3 The most important adverse environmental effects:

Not applicable..

2.2 label elements

Hazard Pictograms: No pictogram is used.
Signal Word(S): No signal word is used.
Hazard Statement: Not applicable.
Precautionary Statement: Not applicable.

2.3 Other hazards

Not available (PBT,vPvB, Substance is an endocrine disruptor etc.)

3 Composition/information on ingredients

Substance/Mixture: Substance

Ingredient(s):

Chemical Name	Registration No.	CAS No.	EC No.	Concentration
LIGHT STABILIZER 622	N/A	65447-77-0	N/A	>99%

4 First aid measures

4.1 Description of first aid measures:

In all cases of doubt, or when symptoms persist, seek medical attention.

4.1.1 In case of inhalation:

Remove casualty to fresh air and keep at rest. Seek medical advice.

4.1.2 In case of skin contact:

Remove contaminated clothing and flush skin with running water.

4.1.3 In case of eyes contact:

Rinse opened eye for several minutes under running water.

4.1.4 In case of ingestion:

Rinse out mouth and then drink plenty of water

4.2 Most important symptoms and effects, both acute and delayed

The product is not classified as harmful to human health effect.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5 Fire-Fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: The product itself is not flammable: take extinguishing action appropriate to the fire in the surroundings. Foam, dry powder, CO₂ water spray jet.

Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture

None hazard product.

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5.3 Advice for fire-fighters:

Wear self-contained breathing apparatus (positive pressure, if available) and full protective clothing.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

6.1.1 For non-emergency personnel:

Avoid causing dust. Wear protective clothing.

6.1.2 For emergency responders:

Wear an appropriate NIOSH/MSHA approved respirator if mist, vapor or dust is generated.

6.2 Environmental Precautions:

Avoid release into the sewage network or the aquatic environment.

6.3 Methods for Containment and Cleaning up:

Take up mechanically. Rinse away residues with water. Dispose of contaminated material in accordance with the safety regulations.

6.4 Reference to other sections:

See Section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

6.5 Additional information:

Wet clean or vacuum up solids.

Don't use a brush or compressed air for cleaning surfaces or clothing.

Clear spills immediately.

7 Handling and storage

7.1 Precautions for safe handling:

7.1.1 Protective measures:

No special precautions necessary if used correctly. Prevent formation of dust.

7.1.2 Advice on general occupational hygiene:

Do not eat, drink and smoke in work areas. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2 Conditions for safe storage, including any incompatibilities:

Store in cool, dry conditions in well sealed containers. Stay away from oxidizing agents and water.

7.3 Specific end use(s):

Not applicable.

8 Exposure control/personal protection

8.1 Control parameters:

8.1.1 Occupational exposure limits: 10mg/m³ ACGIH TLV TWA

8.1.2 Additional exposure limits under the conditions of use: Not available.

8.1.3 DNEL/DMEL and PNEC-Values: Not available.

8.2 Exposure controls

8.2.1 Appropriate engineering controls:

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Provide emergency on-site eyewash and showers. Provide enough ventilation in the working areas.

8.2.2 Individual protection measures, such as personal protective equipment:

Eye/face protection	Wear safety goggles.
Hand protection	Wear suitable gloves.
Body protection	Wear a long-sleeved shirt.
Respiratory protection	Use suitable protective equipment to avoid breathing in dust.
Thermal hazards	Wear suitable protective clothing to prevent heat.

8.2.3 Environmental exposure controls:

Not available.

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:	Solid
Colour:	White to yellow
Odour:	odorless
Odour threshold:	Not available
pH:	Not available
Melting point/range (°C):	55-77°C
Boiling point/range (°C) :	>400°C
Flash point (°C) :	>250°C
Evaporation rate:	Not applicable
Flammability (solid, gas);	Non flammable
Ignition temperature (°C) :	Not determined
Upper/lower flammability/explosive limits:	Not determined
Vapour pressure (50°C) :	<0.01Pa
Vapour density:	Not determined
Relative Density (21°C):	1.2g/cm ³
Bulk density (kg/m ³) :	Not available
Water solubility (g/l) at 20°C :	0.16 g/l
n-Octanol/Water (log Po/w) :	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity, dynamic (mPa s) :	Not determined
Explosive properties:	Non explosive
Oxidizing properties:	Not oxidizing

9.2. Other information:

Fat solubility(solvent– oil to be specified) etc:	Not available
Surface tension:	Not available
Dissociation constant in water(pKa):	Not available
Oxidation-reduction Potential:	Not available

10 Stability and reactivity

10.1 Reactivity:

The substance is stable under normal storage and handling conditions.

10.2 Chemical stability:

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Stable at room temperature in closed containers under normal storage and handling conditions.

10.3 Possibility of hazardous reactions:

No dangerous reactions known.

10.4 Conditions to avoid:

Contact with incompatible material and damp environment.

10.5 Incompatible materials:

Strong oxidizing agents, strong bases and strong acids.

10.6 Hazardous decomposition products:

Thermal decomposition and burning may produce carbon monoxide, nitrogen oxides and other toxic gases and vapors.

11 Toxicological information

11.1 Toxicokinetics, metabolism and distribution

Non-human toxicological data: Low bioaccumulation potential.

11.2 Information on toxicological effects

Acute toxicity:

LD50(Oral, Rat): >2000 mg/kg

LD50(Dermal Rabbit): Not available

LC50(Inhalation, Rat): Not available

Skin corrosion/Irritation: Not classified

Serious eye damage/irritation: Not classified

Respiratory or skin sensitization: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

reproductive toxicity: Not classified

STOT- single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: Not classified

12 Ecological information

Toxicity:

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	>100 mg/l	24h	Fish	OECD 203	N/A	N/A
LC50	25mg/l	48h	Daphnia	OECD 202	N/A	N/A
EC50	>100mg/l	72h	Algae	OECD 201	N/A	N/A

Persistence and degradability: Not available.

Bioaccumulative potential: Not available.

Mobility in soil: Not available.

Results of PBT&vPvB assessment: Not applicable.

Other adverse effects: Not applicable.

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13 Disposal considerations

13.1 Waste treatment methods

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

13.2 Product / Packaging disposal:

If empty container retains product residues, all label precautions must be observed. Return for reuse or dispose according to national or local regulations. .

14 Transport information

	<i>Land transport (ADR/RID)</i>	<i>Sea transport (IMDG)</i>	<i>Air transport (ICAO/IATA)</i>
UN-Number:	Not regulated	Not regulated	Not regulated
UN Proper shipping name:	Not regulated	Not regulated	Not regulated
Transport hazard Class:	Not regulated	Not regulated	Not regulated
Packaging group:	Not regulated	Not regulated	Not regulated
Environmental hazards:	Not regulated	Not regulated	Not regulated
Special precautions for user:	See section 2.2	See section 2.2	See section 2.2
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not regulated	Not regulated	Not regulated

15 Regulation information

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

Relevant information regarding authorization: Not applicable.

Relevant information regarding restriction: Not applicable.

Other EU regulations: Employment restrictions concerning young person must be observed. For use only by technically qualified individuals.

Other National regulations: Not applicable

Chemical Safety Assessment has been carried out? YES NO

16 Other information

16.1 Indication of changes Version 1.1 Amended by EU No 453/2010

16.2 Relevant R- phrases (number and full text):

Not applicable.

16.3 Training instructions:

Not applicable.

16.4 Further information:

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.

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16.5 Notice to reader:

Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees.

This information is furnished without warranty, and any use of the product not in conformance with this Safety Data Sheet, or in combination with any other product or process, is the responsibility of the user.