

Safety Data Sheet

According to Regulation (EC) No 1907/2006

AI-YELLOW PMK900

Version 1.0

Issue date: 16/05/2019

Revision date: 16/05/2019

SDS Record Number: CSSS-TCO-010-116469

Section 1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Identification on the label/Trade name: AI-YELLOW
PMK900
Additional identification:
Identification of the product: Not available
Index Number: See section 3
REACH registration No.: Not available

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

1.2.1 Identified uses:

Not available.

1.2.2 Uses advised against:

Not available.

1.3 Details of the supplier of the safety data sheet:

Supplier(Only representative): -
Supplier(Manufacturer): NINGBO LOFOS STATIONERY CO.,LTD
Address: NO.648,HENGSHAN WEST ROAD,BEILUN, NINGBO,CHINA
Contact person(E-mail): REN GUANGZE
Telephone: +86-13567898875
Fax: -

1.4 Emergency telephone Number:

+86-13567898875

Available outside office hours? YES ☒ NO ☐

Section 2 Hazards Identification

2.1 Classification of the substance/mixture:

2.1.1 Classification:

The mixture is classified as following according to 1999/45/EC and REGULATION (EC) No 1272/2008:

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

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

1999/45/EC	
Hazards characteristics	R-Phrases
N/A	N/A

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

2.2 label elements:

Hazard Pictograms: No hazard pictogram is used.

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

2.3 Other hazards:

Not available.

Section 3 Composition/information on ingredients

Substance/Mixture: Mixture

Ingredient(s):

Chemical Name	Registration No.	CAS No.	EC No.	Concentration
Water		7732-18-5	231-791-2	57%
Glycerol		56-81-5	200-289-5	20%
acrylic copolymer		37325-11-4		10%
Titanium dioxide		13463-67-7	236-675-5	10%
C. I. SOLVENT YELLOW 44		2478-20-8	219-607-9	1%
Surfactant		57-55-6	200-338-0	1%
Additive		124-68-5	204-709-8	1%

Section 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:

Not expected to be an inhalation hazard under anticipated conditions of normal use of this material.

4.1.2 In case of skin contact:

Wash skin with plenty of water.

4.1.3 In case of eyes contact:

Flush eyes with water thoroughly and continuously for 15 minutes. Remove contact lenses, if present and easy to do.

4.1.4 In case of ingestion:

Immediately give a glass of water. First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

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:

If skin irritation or rash occurs, get medical advice/attention.

Section 5 Fire-Fighting measures

5.1 Extinguishing media:

Suitable extinguishing media: Use extinguishing agents appropriate for surrounding materials.

Unsuitable extinguishing media: Not available.

5.2 Special hazards arising from the substance or mixture None Special hazards caused by the substance.

5.3 Special fire fighting methods and special protective actions for fire-fighters: In the event of fire, wear self-contained breathing apparatus.

Section 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

6.1.1 For non-emergency personnel: Provide adequate ventilation. Avoid inhalation of vapour or dust. Avoid skin and eye contact. Refer to section 8 of SDS for personal protection details.

6.1.2 For emergency responders: Ensure good ventilation/exhaustion at the workplace.

6.2 Environmental Precautions: Avoid disposing into drainage/sewer system or directly into the aquatic environment.

6.3 Methods for Containment and Cleaning up: Clean up all spills immediately. Avoid breathing vapours and contact with skin and eyes. Control personal contact with the substance, by using protective equipment. Contain and absorb spill with sand, earth, inert material or vermiculite.

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: Not applicable.

Section 7 Handling and storage

7.1 Precautions for safe handling:

7.1.1 Protective measures: Ensure good ventilation/exhaustion at the workplace. Wash thoroughly after handling.

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: No special requirements. Store in a cool, dry place. Keep container tightly closed.

7.3 Specific end use(s): Not applicable.

Section 8 Exposure Controls/Personal Protection

8.1 Control parameters:

8.1.1 Occupational exposure limits: Not available.

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: Handle in accordance with good industrial hygiene and safety practice. Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

8.2.2 Individual protection measures, such as personal protective equipment:

Eye/face protection: Safety glasses with side shields. Chemical goggles.

Hand protection: Wear chemical protective gloves, e.g. PVC.

Body protection:	Not available.
Respiratory protection:	Wear appropriate protective mask.
Thermal hazards:	Not available.

8.2.3 Environmental exposure controls: Avoid discharge into the environment.
According to local regulations, Federal and official regulations.

Section 9 Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Appearance:	Liquid
Colour:	YELLOW
Odour:	Not available
Odour threshold:	Not available
pH:	Not available
Melting point/range (°C):	18.17 °C (CAS#56-81-5)
Boiling point/range (°C):	290 °C (CAS#56-81-5)
Flash point (°C):	199 °C (CAS#56-81-5)
Evaporation rate:	Not available
Flammability limit - lower (%):	Not available
Flammability (solid, gas):	Not available
Ignition temperature (°C):	Not available
Upper/lower flammability/explosive limits:	Not available
Vapour pressure (20°C):	<0.001 mmHg(25°C) (CAS#56-81-5)
Vapour density:	Not available
Relative Density:	Not available
Bulk density (kg/m³):	Not available
Water solubility (g/l):	Not available
n-Octanol/Water (log Po/w):	Not available
Auto-ignition temperature:	Not available
Decomposition temperature:	Not available
Viscosity, dynamic (mPa.s):	1412 mPa s (dynamic) (CAS#56-81-5)
Explosive properties:	Not available
Oxidising properties:	Not available
Molecular Formula:	Not available
Molecular Weight:	Not available

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
Specific gravity:	Not available

Section 10 Stability and reactivity

10.1 Reactivity:	The substance is stable under normal storage and handling conditions.
10.2 Chemical stability:	Material is stable under normal conditions.
10.3 Possibility of hazardous reactions:	No dangerous reactions known.
10.4 Conditions to avoid:	Incompatible materials.
10.5 Incompatible materials:	Not available.
10.6 Hazardous decomposition products:	Not available.

Section 11 Toxicological information

11.1 Toxicokinetics, metabolism and distribution:

Non-human toxicological data:	Not available
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11.2 Information on toxicological effects:

Acute toxicity:

Glycerol (CAS#56-81-5)

LD50(Oral, Rat):	ca. 23000 mg/kg bw
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LD50(Dermal, Rabbit):	Not available
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LC50(Inhalation, Rat):	45 mL/kg bw
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Skin corrosion/Irritation:	Not classified
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Serious eye damage/irritation:	Not classified
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Respiratory or skin sensitization:	Not classified
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Germ cell mutagenicity:	Not classified
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Carcinogenicity:	Not classified
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Reproductive toxicity:	Not classified
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STOT- single exposure:	Not classified
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STOT-repeated exposure:	Not classified
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Section 12 Ecological information

Toxicity:

Acute toxicity		Time	Species	Method	Evaluation	Remarks
LC50	N/A	96h	Fish	OECD 203	N/A	N/A
EC50	N/A	48h	Daphnia	OECD 202	N/A	N/A
EC50	N/A	72h	Algae	OECD 201	N/A	N/A

Persistence and degradability:	This product is not readily biodegradable.
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Bioaccumulative potential:	Not available.
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Mobility in soil:	Not available.
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Results of PBT&vPvB assessment:	Not available.
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Other adverse effects:	Not available.
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Section 13 Disposal considerations

13.1 Waste treatment methods:	The material should be disposed of by incineration in a chemical incinerator in compliance with national and regional requirements.
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13.2 Product / Packaging disposal:	If empty container retains product residues, all label precautions must be observed.
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Section 14 Transport information

	Land transport(ADR/RID)	Sea transport (IMDG)	Air transport (ICAO/IATA)
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	No	No	No
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

Section 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 ☒**Section 16 Other information****16.1 Indication of changes:**

Version 1.0 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.

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.

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