

## **Matting Agent 470 (MA-470)**

### **1. Identification of the substance / Preparation and Company**

1.1 Commercial Product Name: Matting Agent 470 (MA-470)

1.2 Company undertaking identification

Manufacturer: **LONGCHEM C & S International Corp.**

Identification of the company

**No.46, Dou-Kung 2 Rd, Dou-Liu City,  
Yun-Lin Hsien, 64069 Taiwan, R.O.C.  
Telephone number: 886-5-557-4403**

### **2. Hazardous Identification**

Hazard description: warning

Classification system

GHS ratings

Acute toxicity(oral)	5
Hazard for substances hazardous to the environment	4

### **3. Composition/Information on Ingredient**

3.1 Chemical characterization:

Chemical name	CAS-No.	Hazard symbol[s]	Concentration [%]
Polyethylene wax	9002-88-4	N/A	50%±5%
Polyacrylic acid	9003-01-4	N/A	50%±5%

### **4. First Aid Measures**

Take off all contaminated clothes.

4.1 Inhalation: Move to fresh air. If symptoms persist, call a physician.

4.2 Eye contact: Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

4.3 Skin contact: Wash off with soap and plenty of water. Clean with detergents.  
Avoid solvents.

4.4 Ingestion: Immediately give plenty of water [if possible charcoal slurry]. If a person

vomits when lying on his back, place him in the recovery position. Oxygen or artificial respiration if needed. Do not induce vomiting.

## **5. Fire Fighting Measures**

Suitable extinguishing media : Water spray, foam, CO<sub>2</sub>, dry powder.

## **6. Accidental Release Measures**

6.1 Personal precautions: Prevent the formation of dust in operation.

6.2 Environmental precautions: Don't allow material to contaminate ground water system.

Prevent product from entering drains.

6.3 Methods for cleaning up: Take up mechanically and collect in suitable container for disposal.

## **7. Handling and Storage**

7.1 Handling: Prevent the formation of dust. Handle and open container with care.

7.2 Storage: Keep away from food, drink and animal feeding stuffs. Keep container tightly closed. Keep at temperature between 2 and 40°C, 20 °C preferably.

## **8. Exposure Controls / Personal Protection**

8.1 Technical measures: In case of dust being formed, provide for adequate extraction.

8.2 Ingredients with limiting values to be controlled: TLV [TRGS 900/D]: 6mg/m<sup>2</sup>  
[exposure limit for dust]

8.3 Industrial hygiene: Do not inhale dusts. Do not wear contaminated clothes. Wear protective clothes, suitable gauze mask, protective sleeves and gloves e.g. rubber gloves. Wear protective eyeshade/safety glasses. Apply protective grease or nutritional grease on exposed chin before operation or after washing. Keep environment clean and ventilated.

## **9. Physical / Chemical Properties**

9.1 Appearance : Fine powder

9.2 Color : Slightly yellow color

- 9.3 Odor : Slightly bitterness
- 9.4 Sense of Smell Valve : —
- 9.5 pH value ( 3g / liter water ) : —
- 9.6 Melting Point : —
- 9.7 Boiling point : not applicable
- 9.8 Flammability(Solid,Gas) : —
- 9.9 Decomposition Temperature : > 200°C
- 9.10 Flash point[closed cup] : > 200°C
- 9.11 Autoignition Temperature : —
- 9.12 Explosion Limits : —
- 9.13 Vapour Pressure : —
- 9.14 Vapour Density : —
- 9.15 Bulk Density : 550-650 [g/dm<sup>3</sup>]
- 9.16 Solubility : Insoluble
- 9.17 Log Kow : —
- 9.18 Volatility Speed : —

## **10.Stability and Reactivity**

- 10.1 Stability: Stable
- 10.2 Material to avoid: Strong oxidizer, acid and alkalis
- 10.3 Hazardous polymerization: Will not occur.
- 10.4 Hazardous decomposition products: Liberation of CO, CO<sub>2</sub>, and aldehyde compound at limit combusting. These decomposition and combustion products may be toxic.
- 10.5 Conditions to avoid: Take necessary action to avoid static electricity.

## **11.Toxicological Information**

- 11.1 Acute oral toxicity: LD<sub>50</sub> rat; Dose :> 5000 mg/kg
- 11.2 Eye contact: No irritation to the eyes [rabbit]
- 11.3 Skin: It may irritate slightly the skin [rabbit]
- 11.4 Sensitization: No skin sensitization.  
With the contact, flush contaminated area with water.

## **12. Ecological Information**

Eco-toxicity effects

Further information on ecology: Avoid subsoil penetration. Prevent product from entering drains. Do not contaminate surface water.

## **13. Disposal Considerations**

Disposal should be in accordance with any local, state or national legislation. For example, incineration under approved incinerator is the preferred method.

## **14. Transport Information**

Proper Shipping Name: None

14.1 This product is not dangerous goods in IMDG (sea transport) Status and ICAO (air transport) Status. Prevent from falling, dropping and damage.

14.2 ADR/RID (land transport): Not regulated and restricted.

## **15. Regulatory Information**

H-CODES	H302	Harmful if swallowed
	H315	Causes skin irritation
	H413	May cause long lasting harmful effects to aquatic life
P-CODES	P270	Do not eat, drink or smoke when using this product.
	P280	Wear protective gloves/protective clothing/eye protection/face protection.

The new classification and labelling system according to CLP regulation (EC) No 1272/2008

## **16. Others**

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) in terms of the legal warranty regulations.