

# Material Safety Data Sheet

## 1. Identification of the substance/preparation and of the company/undertaking

Identification of the substance or preparation:

**DRY-ERASE CLEANER SPRAY – MEH-04BL**

Use of the substance/preparation:

Dry-erase board surface. Wipe with soft cloth.

Company/undertaking identification:

Haur Luen Enterprise Co., Ltd.

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+886-4-22654171

## 2. Composition/Information on ingredients

<u>Chemical Name</u>	<u>CAS Number</u>	<u>% Bt Weight</u>
Cocamidopropyl betaine	61789-40-0	26%
Dicoco quat	111-42-2	15%
Sodium lauryl ether sulfate	73296-89-6	6%
Acrylonitrile-styrene copolymer	9003-54-7	5%
Purified water	7732-18-5	47.9%
Food color	2650-18-2	0.1%

## 3. Hazards identification

No hazardous material.

## 4. First-aid measures

**Eye contact:**

Flush with water for 15 minutes while holding eyelids open. Get medical attention.

**Skin contact:**

Wash contacted areas with soap and water for thoroughly to remove all residues. If irritation develops consult a physician. Soaked clothing should be changed immediately! Launder clothing before reuse and discard shoes if they cannot be decontaminated.

**Ingestion:**

Consult a physician

**Inhalation:**

Get person out of contaminated area to fresh air. If breathing is difficult, administer oxygen. Consult a physician.

## 5. Fire-fighting measures

**Extinguishing media:**

Material will not burn unless preheated. If not burning, keep cool with water spray. If burning use water fog, foam, dry chemical or carbon dioxide to extinguish.

**Unusual fire and explosion hazard:**

None.

**Special fire-fighting procedures:**

Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coat, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Cool exposed containers with water.

## 6. Accidental release measures

Dike large spills and scavenge material. Small spills should be scooped up and transferred to salvage drum.

## 7. Handling and storage

### Precautions to be taken in handling and storage:

Avoid excessive heat and contact with skin and eyes.  
When handling, wear chemical splash goggles, face shield, rubber gloves, and protective clothing.  
Wash thoroughly after handling or contact.  
Keep container closed.

## 8. Precautions for Safe Use

### Precautionary statements:

Do not get into eyes, on skin, on clothing.  
Avoid breathing dust, mists, or spray  
Do not take internally.  
Use with adequate ventilation and employ respiratory protection when exposure to dust, mist or spray is possible.

### Respiratory protection:

Respiration protection is not required under normal use. Use NIOSH/MSHA approved respirator where mists, sprays, or may be generated.

### Ventilation requirements:

Use adequate local exhaust ventilation where mist, sprays or dust may be generated.

### Health hazards:

This product is a typical surface active agent. It has the potential to cause irritation if more than transient contact occurs.

### Medical conditions aggravated by exposure:

Pre-existing skin irritation may be aggravated.

### Effects of overexposure:

**Skin** : Prolonged contact will cause irritation or burn.  
**Eyes** : Short term contact will cause irritation. Prolonged contact may cause irreversible damage to eye.  
**Inhalation** : Airborne concentration of dust, mist or spray may cause irritation or damage to the upper respiratory tract or lung tissue. Depending on the severity of exposure, chemical pneumonia may be developed.  
**Ingestion** : This product is not acutely toxic.

## 9. Physical and chemical properties

Physical characteristics not mentioned below are deemed to be non-essential in describing the hazardous nature of this product.

<b>Appearance</b>	: Liquid
<b>Colour</b>	: Clear light blue
<b>Odour</b>	: Mild organic
<b>Boiling point (°C)</b>	: Approx. 100
<b>Flash point (°F)</b>	: >200
<b>Specific Gravity(H<sub>2</sub>O=1)</b>	: 1.02
<b>Vapor pressure(mm Hg)</b>	: Approx. 20
<b>Melting point</b>	: N/A
<b>Vapor density(Air=1)</b>	: >1
<b>Solubility in water</b>	: Soluble in water
<b>Evaporation rate(Butyl acetate=1)</b>	: >1

## 10. Stability and reactivity

### Stability:

Under normal conditions, this material is stable.

### Hazardous decomposition or byproducts:

Carbon monoxide, corrosive amines and other unidentified organic compounds.

### Incompatibility (material to avoid):

Avoid contact with strong oxidizing agents or open flames.

### Conditions contributing to hazardous polymerization:

Material is not known to polymerize

## **11. Toxicological information**

Not listed as carcinogenic by IARC, NTP, OSHA, ACGIH

## **12. Ecological information**

N/ A

## **13. Waste disposal considerations**

This product has no characteristics requiring it to be labeled as hazardous waste. Nevertheless, it is important to package, store, transport and dispose of all clean-up materials and any contaminated equipment in accordance with all applicable federal, state, and local health and environmental regulations. Shipments of waste materials may be subject to manifesting requirements per applicable regulations. Appropriate disposal will depend on the nature of each waste material and should be performed by competent and properly permitted contractors. Ensure that all responsible federal, state, and local agencies receive proper notification of spill and disposal methods.

## **14. Transport information**

Not dangerous goods (ADR/RID).

## **15. Regulatory information**

N/A

## **16. Other information**

Disclaimer: This MSDS has been prepared in accordance with requirements of the OSHA Hazard Communication Standard (20 CFR 1910 1200). All information, recommendations and suggestions appearing herein concerning our product are based on data believed to be reliable; however, it is the user's responsibility to determine the safety, toxicity, and suitability for his own use of the product described herein.