

MAHA CHEMICAL (ASIA) PTE LTD

No. 1, Tuas Link 1, Singapore 638583

Safety Data Sheet

1. IDENTIFICATION OF SUBSTANCE AND COMPANY

PRODUCT NAME : SUNSET YELLOW COLOUR
NAME OF MANUFACTURER : MAHA CHEMICAL (ASIA) PTE LTD
ADDRESS : NO. 1, TUAS LINK 1, SINGAPORE 638583.
TELEPHONE : =65-68631808 FAX : +65-68631819

2. CHEMICAL CHARACTERIZATION INFORMATION ON INGREDIENTS

E.E.C.NO. : E-102
EINECS. : 217-699-5
CAS NO. : 1934-21-0
C.I.NO. : 19140
Molecular Formula : C₁₆H₉N₄Na₃O₉S₂
Molecular Weight : 534.37



3. PHYSICAL AND CHEMICAL PROPERTIES

Physical State : Solid, Fine Powder / Granules
Colour : Light Orange
Odour : Odourless
pH value : 6-8
Boiling Point : Not applicable
Melting Point : Not applicable
Flash Point : Not applicable
Substance does not having any oxidizing property
Ignition Temperature : Not applicable
Explosion Limit : Not applicable
Vapour Pressure : Not applicable
Density : 0.70
Solubility in water : 140 gms / litre

4. HAZARDS IDENTIFICATION

Warnings : The usual precautions taken when handling of dyes should be observed.
As the substance is edible dye, no hazardous to water supply.

5. FIRE FIGHTING MEASURES

Extinguishing Media : Use dry chemicals or carbon dioxide CA₂
Thermal Decomposition : Dangerous decomposition is not anticipated

6. FIRST AID MEASURES

Eye Contact : Wash eyes with plenty of water for at least 15 minute.
Skin Contact : Wash off with plenty of water & Soap.
Ingestion : Plenty full water to be taken inside, special medical attention may not be necessary.

7. ACCIDENTAL RELEASE MEASURES

After Spillage : Sweep up spilled substance carefully, then clean with water.
Absorbents Material : Use clean cotton cloth
Disposal Consideration : Can be sent to an incineration plant in accordance with local regulations

8. HANDLING & STORAGE

Handling : Avoid formation of dust

Storage : Keep in closed container at ambient temperature & humidity.

Do Not Store Together Store Colour wise.

9. EXPOSURE CONTROLS / PERSONAL PROTECTION

TLV : No

Respirator Protection : May be used (In case dust formation particle filter e.g. DIN 3181-21 may be)

Ventilation : Local ventilation capable of minimizing dust emission at the point of use.

Eye Protection : Protective glasses may be used.

Hand Protection : Rubber gloves may be used wash the hands before and at the end of work with water, soap.

10. STABILITY & REACTIVITY

Hazardous Reactions : No

Hazardous Decomposition : Not Established Product

Chemical In Compatibility : Strong Reducing Agents, Decolourising Agents, Strong Acids & Alkalis

Condition To Avoid I) Heating To High Temperature

II) Storage under damp atmosphere

Reactivity Data : This material is stable under condition of normal handling and use, but sensitive to moist air.

11. TOXICOLOGICAL INFORMATION (IN RATS & MICE)

LD 50 Oral : 6000-10000mg/kg body weight

LD 50 intra peritoneal : 3800-5000 mg/kg body weight

LD 50 skin : No adverse or pathological effect

LD 50 inhalation : Not Known

Eye Irritation : Not irritating to Eye

Dermal Irritation : Not irritating to skin

Acceptable Daily Intake

JECFA : 0-2.5 mg/kg body weight

EEC : 0-2.5 mg/kg body weight

12. ECOLOGICAL INFORMATION

Water Hazard Being an edible dye, Not established

13. DISPOSAL INFORMATION

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. Guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification

14. TRANSPORT INFORMATION

By sea or by air

15. REGULATORY INFORMATION

Manufacture as per specifications. Each country has its own laws on colouring of food-stuffs, Colorant permitted and their purity standards.

16. OTHER INFORMATION

The above information is believed to be correct, but does not purpose to be all inclusive and shall be used only as a guide. We shall not hold liable for any damage resulting from handling or from contact with the above product.

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