



MATERIAL SAFETY DATA SHEET

Issue No. 6
Date of issue : January 2010

1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

Name: **A11085 SUNSET YELLOW**

Chemical Characterisation: Food Yellow 3 - C.I. 15985

Function: Cosmetic colour

Supplier: The Soap Kitchen

2. HAZARDS IDENTIFICATION

No known hazards. Permitted food colourant.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Contains: Sunset Yellow, salt

FDA Description:

Japan Reference: Ki 5

EU Number: E110

EU Reference: Annex IV Pt 1

Hazardous components:

R

EINECS:

220-491-7

231-598-3

C.I. 15985

Sodium chloride

CAS Number:

2783-94-0

7647-14-5

4. FIRST AID MEASURES

Eye Contact: Wash under running water, holding eyelids open.

Inhalation: Move to fresh air. If breathing difficult, give oxygen and get medical attention.

Skin Contact: Wash with plenty of soap and water.

Ingestion: Rinse mouth and then drink plenty of water. Seek medical advice if large amounts are involved. Do not induce vomiting.

5. FIRE FIGHTING MEASURES

Extinguishing Media:



water mist



CO₂



foam



dry powder

(✓ recommended × must not be used)

Special Exposure Hazards:

Special Fire Fighting Precautions:

6. ACCIDENTAL RELEASE MEASURES

Personal Protection: See section 8. Control dust. Provide sufficient ventilation.

Disposal Considerations: See sections 8/13.

Measures for Containing Spillage: Cover with inert material.

Measures for Cleaning up: Sweep/vacuum up spillage and wash spill site.

Environmental Precautions: Advise local river or water authority if spillage has entered water course or sewer. Bund area to prevent access to drains.

7. HANDLING AND STORAGE

Store at room temperature (15-25°C recommended) in original resealed containers and protected from direct sunlight and moisture. Use LEV throughout handling processes.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

When handling dry powder, local exhaust ventilation (LEV) is essential to minimise worker exposure. UK limits (long term total dust and respirable dust) on exposure are published annually in Guidance Note EH40, HSE.

Dust: Long term total dust: 10 / 8 hr TWA

Respirable dust: 4 / 8 hr TWA

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Respiratory Protection: FFPI Nuisance dust filters

- ☒ goggles
☒ nitrile gloves (2 mm)
 (Breakthrough NK)

- ☒ aprons, boots
☐

9. **PHYSICAL & CHEMICAL PROPERTIES**

Melting / Softening Point: °C
Boiling Point:
Flash Point:
Density: g.cm⁻³
Bulk Density: approx. 600 kg.m⁻³
Solubility in Water: 120 g.l⁻¹
Solubility in Oil:
pH: 6 - 8
Partition Coefficient (n-octanol-water):
Flammability:
Explosive Properties:
Oxidising Properties:
Evaporation Rate:
Appearance: Orange powder
Odour: None

10. **STABILITY AND REACTIVITY**

Stability:
Conditions to avoid:
Materials to avoid:
Hazardous Decomposition Products:
Hazardous Exothermic Reaction:

11. **TOXICOLOGY**

General Comments: Non toxic, permitted food colourant.
Skin Contact: Non irritating - rabbit
Eye Contact: Slightly irritating - rabbit
Ingestion: LD₅₀ >2000 mg/kg - rat
Inhalation:
Any Further Data:

12. **ECOTOLOGY**

General Comments: Do not discharge into natural waters without pre-treatment.
Bacteriological Toxicity:
Fish Toxicity:
Biodegradability and Persistence:
Bioaccumulative Potential:
Mobility:
Other Effects:

13. **DISPOSAL**

National or regional laws will determine the appropriate method of disposal. It is recommended that you refer to your local authority.

14. **TRANSPORT INFORMATION**

UN Number:
IMDG (sea):
ADR (road):
General: Not classified as a hazardous cargo under current transport regulations.

RID (rail):
ICAO/IATA (air):
Packaging Group:

15. **REGULATORY INFORMATION**

Labelling Information:
World Regulations:

16. **OTHER INFORMATION**

R-phrases:
Non Statutory Recommendations:
Source Information:
Notes: NA (not applicable), NK (not known), NR (not relevant). * (revised since last issue).