



MATERIAL SAFETY DATA SHEET

Issue No. 4
Date of issue : January 2010

1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

Name:

A10285 TARTRAZINE

Chemical Characterisation:

Food Yellow 4 - C.I. 19140
Sodium chloride

Function: Cosmetic colour

Supplier: The Soap Kitchen

2. HAZARDS IDENTIFICATION

No known hazards. Permitted food colourant.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Contains: Tartrazine, sodium chloride.

FDA Description:

Japan Reference: Yellow No. 4

EU Number: E102

EU Reference:

Hazardous components:

R

EINECS:

217-699-5

231-598-3

C.I. 19140

Sodium chloride

CAS Number:

1934-21-0

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



foam



CO₂



dry powder

(✓ recommended × must not be used)

Special Exposure Hazards: Product may burn or smoulder if ignited. May form flammable or explosive dust clouds in air. Thermal decomposition produces oxides of carbon, nitrogen and sulphur.

Special Fire Fighting Precautions: Wear impervious clothing and self contained breathing apparatus.

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 up or vacuum up, avoiding formation of dust clouds.

Environmental Precautions: Advise local river or water authority if spillage has entered water course or sewer.

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 mg/m³ /8 hr TWA

Respirable dust: 4 mg/m³ /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: ~ 600 kg.m⁻³
Solubility in Water: 140 g.l⁻¹
Solubility in Oil: Insoluble.
pH: 6 - 8
Partition Coefficient (n-octanol-water):
Flammability:
Explosive Properties:
Oxidising Properties:
Evaporation Rate:
Appearance: Yellow powder.
Odour: None.

10. STABILITY AND REACTIVITY

Stability: Thermal decomposition > 150°C.
Conditions to avoid:
Materials to avoid:
Hazardous Decomposition Products:
Hazardous Exothermic Reaction:

11. TOXICOLOGY

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

12. ECOLOGY

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 considered hazardous for transport purposes.

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).