



MATERIAL SAFETY DATA SHEET

Issue No. 3
Date of issue: February 2010

1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

Name: **A207** Red/Yellow Liquid Colour

Chemical Characterisation: Food Red 17 - C.I. 16035

Function: Cosmetic colour

2. HAZARDS IDENTIFICATION

Non hazardous. Slight risk of dust explosion.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Contains: FD&C Red 40

FDA Description: FD&C Red 40

Japan Reference: Not permitted

EU Number:

EU Reference: Annex IV Pt 1

Hazardous components:

R

EINECS:

247-368-0

FD&C Red 40

CAS Number:

25956-17-6

4. FIRST AID MEASURES

Eye Contact: Wash under running water, holding eyelids open. Consult doctor if symptoms persist.

Inhalation: Move to fresh air. If breathing difficult, give oxygen and seek medical advice.

Skin Contact: Wash with plenty of soap and water.

Ingestion: Rinse mouth and then drink plenty of water. Seek medical advice if large amounts 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: May produce noxious fumes - oxides of carbon, nitrogen, sulphur.

Special Fire Fighting Precautions: Wear impervious clothing and self contained breathing apparatus. May form flammable/explosive dust clouds in air.

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 (eg sand).

Measures for Cleaning up: Remove diluted spillage with vacuum cleaner. Wash spillage site with water. Minimise dust cloud formation.

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

Continued page 2..

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: ~ 400 kg.m⁻³
Solubility in Water: Soluble
Solubility in Oil: Insoluble
pH: 6 - 8
Partition Coefficient (n-octanol-water):
Flammability:
Explosive Properties:
Oxidising Properties:
Evaporation Rate:
Appearance: Red powder
Odour: None

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of use.
Conditions to avoid:
Materials to avoid: Reducing agents.
Hazardous Decomposition Products: Oxides of carbon, nitrogen, sulphur.
Hazardous Exothermic Reaction: None known.

11. TOXICOLOGY

General Comments: Non toxic, permitted food colourant.
Skin Contact: Slight irritant (rabbit)
Eye Contact:
Ingestion: LD50 > 10000 mg/kg (rat)
Inhalation:
Any Further Data:

12. ECOLOGY

General Comments: Do not discharge into natural waters without pretreatment.
Bacteriological Toxicity:
Fish Toxicity:
Biodegradability and Persistence:
Bioaccumulative Potential:
Mobility:
Other Effects: No further information available.

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).