



## MATERIAL SAFETY DATA SHEET

Issue No. 4  
Date of issue: January 2010

### 1. IDENTIFICATION OF SUBSTANCE AND SUPPLIER

Name: **A201** D&C Red 33

Chemical Characterisation: Acid Red 33 - C.I. 17200

Function: Cosmetic colour

### 2. HAZARDS IDENTIFICATION

No known hazards.

### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Contains: D&C Red 33, sodium chloride

FDA Description: D&C Red 33

Japan Reference: Aka 227

EU Number:

EU Reference: Annex IV Pt 1

Hazardous components:

R

EINECS:

222-656-9

231-598-3

D&C Red 33

Sodium chloride

CAS Number:

3567-66-6

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

(✓ recommended

× must not be used)



CO<sub>2</sub>



dry powder

**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:** Sweep/vacuum up spillage and wash spill site. 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/m<sup>3</sup> / 8 hr TWA

Respirable dust: 4 mg/m<sup>3</sup> / 8 hr TWA

Continued page 2..

**Respiratory Protection:** FFPI Nuisance dust filters

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> goggles                                    | <input checked="" type="checkbox"/> aprons, boots |
| <input checked="" type="checkbox"/> nitrile gloves (2 mm)<br>(Breakthrough NK) | <input type="checkbox"/>                          |

## 9. PHYSICAL & CHEMICAL PROPERTIES

**Melting / Softening Point:** °C  
**Boiling Point:**  
**Flash Point:**  
**Density:** g.cm<sup>-3</sup>  
**Bulk Density:** approx. 400 kg.m<sup>-3</sup>  
**Solubility in Water:** Soluble  
**Solubility in Oil:** Not soluble  
**pH:** 6 - 8  
**Partition Coefficient (n-octanol-water):**  
**Flammability:** Not flammable  
**Explosive Properties:**  
**Oxidising Properties:**  
**Evaporation Rate:**  
**Appearance:** Dark red powder  
**Odour:** None

## 10. STABILITY AND REACTIVITY

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

## 11. TOXICOLOGY

**General Comments:** Non toxic.  
**Skin Contact:** Slightly irritant (rabbit).  
**Eye Contact:** Irritation possible through mechanical action of dust particles.  
**Ingestion:** LD<sub>50</sub> > 10000 mg/kg (rat)  
**Inhalation:** May cause discomfort to respiratory tract.  
**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

<b>UN Number:</b>	<b>RID (rail):</b>
<b>IMDG (sea):</b>	<b>ICAO/IATA (air):</b>
<b>ADR (road):</b>	<b>Packaging Group:</b>
<b>General:</b> Not hazardous for transport purposes. Use an approved carrier.	

## 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).