

Section 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier****Product name:** C.I. DIRECT RED 28**CAS number:** 573-58-0**EINECS number:** 209-358-4**Index number:** 611-027-00-8**Product code:** A67129 R04077**Synonyms:** DISODIUM 3,3'-[[1,1'-BIPHENYL]-4,4'-DIYLBIS(AZO)]BIS(4-AMINONAPHTHALENE-1-SULPHO**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet****Company name:** Philip Harris Ltd

2 Gregory Street

Hyde

Cheshire

SK14 4HR

United Kingdom

Tel: +44 (0)845 1200 506**Fax:** +44 (0)161 367 2140**Email:** enquiries@philipharris.co.uk**1.4. Emergency telephone number****Emergency tel:** +44 (0) 845 1200 506**Section 2: Hazards identification****2.1. Classification of the substance or mixture****Classification under CLP:** Carc. 1B: H350; Repr. 2: H361d**Classification under CHIP:** T: R45; Xn: R63**Most important adverse effects:** May cause cancer. Suspected of damaging the unborn child.**2.2. Label elements****Label elements under CLP:****Hazard statements:** H350: May cause cancer.

H361d: Suspected of damaging the unborn child.

Signal words: Danger**Hazard pictograms:** GHS08: Health hazard

SAFETY DATA SHEET

C.I. DIRECT RED 28

Page: 2

Precautionary statements: P201: Obtain special instructions before use.
P281: Use personal protective equipment as required.
P308+313: IF exposed or concerned: Get medical.

2.3. Other hazards

Section 3: Composition/information on ingredients

3.1. Substances

Chemical identity: C.I. DIRECT RED 28

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Consult a doctor.
Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor.
Ingestion: Wash out mouth with water. Consult a doctor.
Inhalation: Remove casualty from exposure ensuring one's own safety whilst doing so. If unconscious, check for breathing and apply artificial respiration if necessary. Consult a doctor.

4.2. Most important symptoms and effects, both acute and delayed

Eye contact: There may be irritation and redness.
Inhalation: Convulsions may occur.

4.3. Indication of any immediate medical attention and special treatment needed

Section 5: Fire-fighting measures

5.1. Extinguishing media

Extinguishing media: Water spray. Alcohol resistant foam. Dry chemical powder. Carbon dioxide.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: In combustion emits toxic fumes of carbon dioxide. In combustion emits toxic fumes of nitrogen oxides. In combustion emits toxic fumes of sulphur oxides. In combustion emits toxic fumes of sodium oxide gases.

5.3. Advice for fire-fighters

Advice for fire-fighters: Wear self-contained breathing apparatus.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to a safe area.

[cont...]

SAFETY DATA SHEET

C.I. DIRECT RED 28

Page: 3

6.2. Environmental precautions

Environmental precautions: Do not discharge into drains or rivers.

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable closed containers for disposal.

6.4. Reference to other sections

Reference to other sections: Refer to section 13 of SDS.

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements: Avoid contact with skin & eyes. Avoid formation of dust & aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust is formed.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in cool, well ventilated area. Keep container tightly closed.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits: No data available.

8.1. DNEL/PNEC Values

DNEL / PNEC No data available.

8.2. Exposure controls

Engineering measures: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

Respiratory protection: Where risk assessment shows air-purifying respirators are appropriate use a full face respirator with multi purpose combination (US) or type AXBEK (EN14387 respirator cartridges as a back up to engineering controls. If the respirator is the sole means of protection use a full face supplied air respirator. Use respirators and components tested & approved under appropriate government standards eg CEN (EU) or NIOSH (US).

Hand protection: Protective gloves. Breakthrough time of the glove material > 8 hours. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN374 derived from it.

Eye protection: Safety glasses with side-shields.

Environmental: Prevent from entering in public sewers or the immediate environment.

[cont...]

SAFETY DATA SHEET

C.I. DIRECT RED 28

Page: 4

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Solid

Colour: No data available

Odour: No data available

Evaporation rate: No data available

Oxidising: No data available

Solubility in water: 25 g/l

Viscosity: No data available

Melting point/range°C: >360oC - lit

pH: 6.7 at 10g/l at 20oC

9.2. Other information

Other information: No data available.

Section 10: Stability and reactivity

10.1. Reactivity

Reactivity: No data available.

10.2. Chemical stability

Chemical stability: Stable under recommended storage conditions

10.3. Possibility of hazardous reactions

Hazardous reactions: No data available.

10.4. Conditions to avoid

Conditions to avoid: No data available

10.5. Incompatible materials

Materials to avoid: Strong oxidising agents.

10.6. Hazardous decomposition products

Haz. decomp. products: No data available. In the event of fire see section 5.

Section 11: Toxicological information

11.1. Information on toxicological effects

Toxicity values:

Route	Species	Test	Value	Units
IVN	MUS	LDLO	250	mg/kg
IVN	RAT	LDLO	160	mg/kg

[cont...]

SAFETY DATA SHEET

C.I. DIRECT RED 28

Page: 5

ORL	RAT	LD50	15200	mg/kg
-----	-----	------	-------	-------

Relevant hazards for substance:

Hazard	Route	Basis
Carcinogenicity	--	Based on test data
Reproductive toxicity	--	Based on test data

Symptoms / routes of exposure

Eye contact: There may be irritation and redness.

Inhalation: Convulsions may occur.

Section 12: Ecological information

12.1. Toxicity

Ecotoxicity values: No data available.

12.2. Persistence and degradability

Persistence and degradability: No data available.

12.3. Bioaccumulative potential

Bioaccumulative potential: No data available.

12.4. Mobility in soil

Mobility: No data available.

12.5. Results of PBT and vPvB assessment

PBT identification: This product is not identified as a PBT substance.

12.6. Other adverse effects

Other adverse effects: No data available.

Section 13: Disposal considerations

13.1. Waste treatment methods

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2. Chemical Safety Assessment

[cont...]

SAFETY DATA SHEET

C.I. DIRECT RED 28

Page: 6

Section 16: Other information

Other information

Phrases used in s.2 and 3: H350: May cause cancer <state route of exposure if it is conclusively proven that no other routes of exposure cause the hazard>.

H361d: Suspected of damaging the unborn child.

R45: May cause cancer.

R63: Possible risk of harm to the unborn child.