# DCL Perrindo® Maroon 179 2296424

Safety Data Sheet

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)
Issue date: 5/23/2023 Revision date: 3/20/2026 Supersedes: 1/15/2026 Version: 2.4

## SECTION 1 Identification

### 1.1. Product identifier

Product form : Mixture
Trade name : DCL Perrindo® Maroon 179 2296424
Product code : 2296424

### 1.2. Other means of identification

Other means of identification : 2296424 PERRINDO® MAROON 179

### 1.3. Recommended use of the chemical and restrictions on use

Use of the substance/mixture : Pigment
Recommended use : Pigment,Coloring agents

### 1.4. Supplier's details

**Manufacturer**
DCL Corporation
Pigments Services Inc
1506 Bushy Park Road
Goose Creek, South Carolina
USA, 29445
T +1-843-820-6000
sds@pigments.com

### 1.5. Emergency phone number

Emergency number : +1 800 424-9300; +1-703-527-3887 (CHEMTREC, CCN12891) 24 hours, 7 days a week

## SECTION 2 Hazard Identification

### 2.1. Classification of the substance or mixture

**GHS US classification**

| | | |
|---|---|---|
| Skin sensitization, Category 1 | H317 | May cause an allergic skin reaction. |
| Specific target organ toxicity — Repeated exposure, Category 2 | H373 | May cause damage to organs through prolonged or repeated exposure. |

Full text of H statements : see section 16

### 2.2. Label elements

**GHS US labeling**

Hazard pictograms (GHS US) :

Signal word (GHS US) : Warning
Hazard statements (GHS US) : H317 - May cause an allergic skin reaction
H373 - May cause damage to organs through prolonged or repeated exposure
Precautionary statements (GHS US) : P260 - Do not breathe dust, fume, gas, mist, vapors, spray.
P272 - Contaminated work clothing must not be allowed out of the workplace.
P280 - Wear protective gloves, protective clothing, eye protection, face protection, and hearing protection.

P302+P352 - If on skin: Wash with plenty of water.
P314 - Get medical advice or attention if you feel unwell.
P321 - Specific treatment (see supplemental first aid instruction on this label).

### 2.3. Hazards associated with known or reasonably anticipated uses

No additional information available

### 2.4. Hazards not otherwise classified

Other hazards which do not result in classification : May form combustible dust concentrations in air.

### 2.5. Unknown acute toxicity

No additional information available

## SECTION 3 Composition/information on ingredients

### 3.1. Substances

Not applicable

### 3.2. Mixtures

| Name | Product identifier | % | GHS US classification |
|---|---|---|---|
| C.I. Pigment Red 179 | CAS-No.: 5521-31-3 | >80 | STOT RE 2, H373 |
| Sulfuric acid, barium salt (1:1) | CAS-No.: 7727-43-7 | <15 | Not classified |
| Resin acids and Rosin acids, barium salts | CAS-No.: 68188-14-7 | <5 | Self-heat. 1, H251<br>Acute Tox. 4 (Oral), H302<br>Acute Tox. 4 (Inhalation:dust,mist), H332<br>Eye Irrit. 2, H319<br>Skin Sens. 1B, H317 |

Full text of hazard classes and H-statements : see section 16

## SECTION 4 First aid measures

### 4.1. Description of necessary first-aid measures

First-aid measures general : Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible). Get medical advice/attention if you feel unwell.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. Specific treatment (see supplemental first aid instruction on this label). Wash contaminated clothing before reuse. Wash skin with plenty of water. Take off contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.

First-aid measures after ingestion : Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center/doctor/physician if you feel unwell.

Personal protection for first-aid responders. : First aid workers will be equipped with suitable personal protective equipment.

### 4.2. Most important symptoms/effects, acute and delayed

| | | |
|---|---|---|
| Potential Adverse human health effects and symptoms | : | Based on available data, the classification criteria are not met. |
| Symptoms/effects after inhalation | : | May cause an allergic skin reaction. |
| Symptoms/effects after skin contact | : | May cause an allergic skin reaction. |

### 4.3. Indication of immediate medical attention and special treatment needed, if necessary

| | | |
|---|---|---|
| Other medical advice or treatment | : | Treat symptomatically. |

## SECTION 5: Fire-fighting measures

### 5.1. Suitable (and unsuitable) extinguishing media

| | | |
|---|---|---|
| Suitable extinguishing media | : | Carbon dioxide. Sand. Water spray. Dry powder. Foam. |
| Unsuitable extinguishing media | : | Do not use a heavy water stream. |

### 5.2. Specific hazards arising from the chemical

| | | |
|---|---|---|
| Fire hazard | : | May form combustible dust concentrations in air. |
| Hazardous decomposition products in case of fire | : | Toxic fumes may be released. |

### 5.3. Special protective equipment and precautions for fire-fighters

| | | |
|---|---|---|
| Firefighting instructions | : | Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment. |
| Protection during firefighting | : | Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. |

## SECTION 6 Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

**For non-emergency personnel**

| | | |
|---|---|---|
| Emergency procedures | : | Ventilate spillage area. Evacuate unnecessary personnel. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. |

**For emergency responders**

| | | |
|---|---|---|
| Protective equipment | : | Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection". |
| Emergency procedures | : | Ventilate area. |
| Environmental precautions | : | Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters. |

### 6.2. Methods and materials for containment and cleaning up

| | | |
|---|---|---|
| Methods for cleaning up | : | Mechanically recover the product. On land, sweep or shovel into suitable containers. Minimize generation of dust. Store away from other materials. |
| Other information | : | Dispose of materials or solid residues at an authorized site. |

See Heading 8. Exposure controls and personal protection. For further information refer to section 13.

## SECTION 7 Handling and storage

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid dust formation.

Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

### 7.2. Conditions for safe storage, including incompatibilities

Storage conditions : Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use. Store in a well-ventilated place. Keep cool.

Incompatible products : Strong bases. Strong acids.

Incompatible materials : Sources of ignition. Direct sunlight.

## SECTION 8 Exposure controls/personal protection

### 8.1. Control parameters

| **DCL Perrindo® Maroon 179 2296424** | |
|---|---|
| **USA - NIOSH - Occupational Exposure Limits** | |
| Remark (NIOSH) | Nuisance Dust |

| **Sulfuric acid, barium salt (1:1) (7727-43-7)** | |
|---|---|
| **USA - ACGIH® - Threshold Limit Values** | |
| Local name | Barium sulfate |
| ACGIH® TLV® TWA | 5 mg/m³ (Inhalable fraction. The value is for particulate matter containing no asbestos and < 1% crystalline silica) |
| Remark (ACGIH®) | TLV® Basis: Pneumoconiosis |
| Regulatory reference | ACGIH 2022 |
| **USA - OSHA - Occupational Exposure Limits** | |
| Local name | Barium sulfate |
| OSHA PEL TWA | 15 mg/m³ (Total dust)<br>5 mg/m³ (Respirable fraction) |
| Regulatory reference (US-OSHA) | OSHA Annotated Table Z-1 |

### 8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

Environmental exposure controls : Avoid release to the environment.

### 8.3. Individual protection measures, such as personal protective equipment

| **Hand protection:** | | | | |
|---|---|---|---|---|
| **Type** | **Material** | **Permeation** | **Thickness (mm)** | **Penetration** |
| Protective gloves | Nitrile rubber (NBR) | 6 (> 480 minutes) | >0.35mm | |
| Wear suitable gloves resistant to chemical penetration | | | | |

| **Eye protection:** | | |
|---|---|---|
| Chemical goggles or safety glasses | | |
| **Type** | **Field of application** | **Characteristics** |
| Safety glasses | Dust | With side shields |

| **Skin and body protection:** |
|---|
| Wear suitable protective clothing |
| **Type** |
| Plastic apron or overall |

| **Respiratory protection:** | | |
|---|---|---|
| In case of insufficient ventilation, wear suitable respiratory equipment | | |
| **Device** | **Filter type** | **Condition** |
| Dust mask | Type P3, Particle filter | Dust protection |

**Personal protective equipment symbol(s):**

**Other information:**

Do not eat, drink or smoke during use.

## SECTION 9 Physical and chemical properties

### 9.1. Basic physical and chemical properties

| | | |
|---|---|---|
| Physical state | : | Solid |
| Appearance | : | Powder. |
| Color | : | red |
| Odor | : | odorless |
| Odor threshold | : | No data available |
| pH | : | 5.5 – 8.5 |
| Melting point | : | No data available |
| Freezing point | : | Not applicable |
| Boiling point | : | No data available |
| Flash point | : | Not applicable |
| Flammability (solid, gas) | : | Non flammable. |
| Vapor pressure | : | No data available |

| | | |
|---|---|---|
| Relative vapor density at 20°C | : | No data available |
| Relative density | : | 1.76 |
| Solubility | : | Material insoluble in water. |
| Partition coefficient n-octanol/water (Log Pow) | : | No data available |
| Auto-ignition temperature | : | Not applicable |
| Decomposition temperature | : | No data available |
| Viscosity, kinematic | : | Not applicable |
| Explosion limits | : | Not applicable |
| Particle characteristics | : | No data available |

### 9.2. Data relevant with regard to physical hazard classes (supplemental)

No additional information available

## SECTION 10 Stability and reactivity

### 10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

### 10.2. Chemical stability

Not established.

### 10.3. Possibility of hazardous reactions

Not established.

### 10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Avoid dust formation. Heat. No flames, no sparks. Eliminate all sources of ignition.

### 10.5. Incompatible materials

Strong acids. Strong bases.

### 10.6. Hazardous decomposition products

fume. Carbon monoxide. Carbon dioxide.

## SECTION 11 Toxicological information

### 11.1. Information on toxicological effects

| | | |
|---|---|---|
| Acute toxicity (oral) | : | Not classified |
| Acute toxicity (dermal) | : | Not classified |
| Acute toxicity (inhalation) | : | Not classified |

| **Sulfuric acid, barium salt (1:1) (7727-43-7)** | |
|---|---|
| LD50 oral rat | > 5000 mg/kg (Equivalent or similar to OECD 401, Rat, Male, Experimental value, Oral, 14 day(s)) |
| LD50 dermal rat | > 2000 mg/kg body weight (OECD 402: Acute Dermal Toxicity, Rat, Read-across, Dermal) |

| **Resin acids and Rosin acids, barium salts (68188-14-7)** | |
|---|---|
| ATE US (oral) | 500 mg/kg body weight |
| ATE US (dust, mist) | 1.5 mg/l/4h |

| C.I. Pigment Red 179 (5521-31-3) | |
|---|---|
| LD50 oral rat | > 5000 mg/kg (Rat, Oral) |
| LD50 dermal rat | > 2000 mg/kg (Rat, Dermal) |
| LC50 Inhalation - Rat | > 5.2 mg/l air Animal: rat, Guideline: OECD Guideline 403 (Acute Inhalation Toxicity), Remarks on results: other: |

Skin corrosion/irritation : Not classified.
pH: 5.5 – 8.5

| Sulfuric acid, barium salt (1:1) (7727-43-7) | |
|---|---|
| pH | No data available in the literature |

Serious eye damage/irritation : Not classified
pH: 5.5 – 8.5

| Sulfuric acid, barium salt (1:1) (7727-43-7) | |
|---|---|
| pH | No data available in the literature |

Respiratory or skin sensitization : May cause an allergic skin reaction.

Germ cell mutagenicity : Not classified

Carcinogenicity : Not classified

| Sulfuric acid, barium salt (1:1) (7727-43-7) | |
|---|---|
| NOAEL (chronic,oral,animal/male,2 years) | 60 mg/kg body weight Animal: rat, Animal sex: male, Remarks on results: other: |
| NOAEL (chronic,oral,animal/female,2 years) | 75 mg/kg body weight Animal: rat, Animal sex: female, Remarks on results: other: |

Reproductive toxicity : Not classified

STOT-single exposure : Not classified

STOT-repeated exposure : May cause damage to organs through prolonged or repeated exposure.

| C.I. Pigment Red 179 (5521-31-3) | |
|---|---|
| STOT-repeated exposure | May cause damage to organs through prolonged or repeated exposure. |

Aspiration hazard : Not classified

| DCL Perrindo® Maroon 179 2296424 | |
|---|---|
| Viscosity, kinematic | Not applicable |

| Sulfuric acid, barium salt (1:1) (7727-43-7) | |
|---|---|
| Viscosity, kinematic | Not applicable (solid) |

Potential Adverse human health effects and symptoms : Based on available data, the classification criteria are not met.

Symptoms/effects after inhalation : May cause an allergic skin reaction.

Symptoms/effects after skin contact : May cause an allergic skin reaction.

## SECTION 12 Ecological information

### 12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.

Hazardous to the aquatic environment, short–term (acute) : Not classified

Hazardous to the aquatic environment, long–term (chronic) : Not classified

| Sulfuric acid, barium salt (1:1) (7727-43-7) | |
|---|---|
| LC50 - Fish [1] | > 174 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Danio rerio, Static system, Fresh water, Experimental value, Lethal) |
| EC50 - Crustacea [1] | 32 mg/l |
| EC50 72h - Algae [2] | > 30.07 mg/l Test organisms (species): Pseudokirchneriella subcapitata (previous names: Raphidocelis subcapitata, Selenastrum capricornutum) |
| EC50 96h - Algae [1] | 1890.263 mg/l Source: ECOSAR |
| ErC50 algae | > 100 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Pseudokirchneriella subcapitata, Static system, Fresh water, Experimental value, Nominal concentration) |
| **Resin acids and Rosin acids, barium salts (68188-14-7)** | |
| LC50 - Fish [1] | 550 mg/l Source: ECHA chem |
| **C.I. Pigment Red 179 (5521-31-3)** | |
| LC50 - Fish [1] | > 10000 mg/l (96 h, Leuciscus idus) |

### 12.2. Persistence and degradability

| DCL Perrindo® Maroon 179 2296424 | |
|---|---|
| Persistence and degradability | Not rapidly degradable |
| **Sulfuric acid, barium salt (1:1) (7727-43-7)** | |
| Persistence and degradability | Biodegradability: not applicable. |
| Chemical oxygen demand (COD) | Not applicable (inorganic) |
| ThOD | Not applicable (inorganic) |
| **Resin acids and Rosin acids, barium salts (68188-14-7)** | |
| Persistence and degradability | Not rapidly degradable |
| **C.I. Pigment Red 179 (5521-31-3)** | |
| Persistence and degradability | Not readily biodegradable. |

### 12.3. Bioaccumulative potential

| DCL Perrindo® Maroon 179 2296424 | |
|---|---|
| Bioaccumulative potential | Not established. |
| **Sulfuric acid, barium salt (1:1) (7727-43-7)** | |
| BCF - Fish [1] | 1.2 – 74.4 l/kg (Lepomis macrochirus, Fresh water, Experimental value) |
| Bioaccumulative potential | Low potential for bioaccumulation (BCF < 500). |
| **C.I. Pigment Red 179 (5521-31-3)** | |
| Bioaccumulative potential | No bioaccumulation data available. |

### 12.4. Mobility in soil

| Sulfuric acid, barium salt (1:1) (7727-43-7) | |
|---|---|
| Surface tension | No data available in the literature |

| Sulfuric acid, barium salt (1:1) (7727-43-7) | |
|---|---|
| Ecology - soil | No (test)data on mobility of the substance available. |

| Resin acids and Rosin acids, barium salts (68188-14-7) | |
|---|---|
| Mobility in soil | 15780000 Source: EPISUITE v4.1 |

| C.I. Pigment Red 179 (5521-31-3) | |
|---|---|
| Mobility in soil | 98020 Source: EPISUITE |

### 12.5. Other adverse effects

Ozone : Not classified

Fluorinated greenhouse gases : No

Other information : Avoid release to the environment.

## SECTION 13 Disposal considerations

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

Ecological waste information : Avoid release to the environment.

## SECTION 14 Transport information

In accordance with DOT / TDG / IMDG / IATA

### 14.1. UN number

UN-No. (DOT) : Not applicable

UN-No. (TDG) : Not applicable

UN-No. (IMDG) : Not regulated

UN-No. (IATA) : Not regulated

### 14.2. UN Proper Shipping Name

Proper Shipping Name (DOT) : Not applicable

Proper Shipping Name (TDG) : Not applicable

Proper Shipping Name (IMDG) : Not regulated

Proper Shipping Name (IATA) : Not regulated

### 14.3. Transport hazard class(es)

**DOT**

Transport hazard class(es) (DOT) : Not applicable

**TDG**

Transport hazard class(es) (TDG) : Not applicable

**IMDG**

Transport hazard class(es) (IMDG) : Not regulated

**IATA**

Transport hazard class(es) (IATA) : Not regulated

### 14.4. Packing group

| | | |
|---|---|---|
| Packing group (DOT) | : | Not applicable |
| Packing group (TDG) | : | Not applicable |
| Packing group (IMDG) | : | Not regulated |
| Packing group (IATA) | : | Not regulated |

### 14.5. Environmental hazards

Other information : No supplementary information available.

### 14.6. Transport in bulk

Not applicable

### 14.7. Special precautions for user

**DOT**

Not applicable

**TDG**

Not applicable

**IMDG**

Not regulated

**IATA**

Not regulated

## SECTION 15 Regulatory information

### 15.1. Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

### 15.2. International regulations

**CANADA**

**DCL Perrindo® Maroon 179 2296424**

Listed on the Canadian DSL (Domestic Substances List)

**Sulfuric acid, barium salt (1:1) (7727-43-7)**

Listed on the Canadian DSL (Domestic Substances List)

**Resin acids and Rosin acids, barium salts (68188-14-7)**

Listed on the Canadian DSL (Domestic Substances List)

**C.I. Pigment Red 179 (5521-31-3)**

Listed on the Canadian DSL (Domestic Substances List)

**EU-Regulations**

| DCL Perrindo® Maroon 179 2296424 |
|---|
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) |

| Sulfuric acid, barium salt (1:1) (7727-43-7) |
|---|
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) |

| Resin acids and Rosin acids, barium salts (68188-14-7) |
|---|
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) |

| C.I. Pigment Red 179 (5521-31-3) |
|---|
| Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances) |

**National regulations**

| DCL Perrindo® Maroon 179 2296424 |
|---|
| All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory<br>Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)<br>Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)<br>Listed on KECL/KECI (Korean Existing Chemicals Inventory)<br>Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory<br>Listed on NZIoC (New Zealand Inventory of Chemicals)<br>Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)<br>Listed on the TCSI (Taiwan Chemical Substance Inventory) |

| Sulfuric acid, barium salt (1:1) (7727-43-7) |
|---|
| Listed on INSQ (Mexican National Inventory of Chemical Substances)<br>Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)<br>Listed on KECL/KECI (Korean Existing Chemicals Inventory)<br>Listed on NZIoC (New Zealand Inventory of Chemicals)<br>Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory<br>Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)<br>Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)<br>Listed on the TCSI (Taiwan Chemical Substance Inventory) |

| Resin acids and Rosin acids, barium salts (68188-14-7) |
|---|
| Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)<br>Listed on KECL/KECI (Korean Existing Chemicals Inventory)<br>Listed on NZIoC (New Zealand Inventory of Chemicals)<br>Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)<br>Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)<br>Listed on the TCSI (Taiwan Chemical Substance Inventory)<br>Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory |

| C.I. Pigment Red 179 (5521-31-3) |
|---|
| Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)<br>Listed on KECL/KECI (Korean Existing Chemicals Inventory)<br>Listed on NZIoC (New Zealand Inventory of Chemicals)<br>Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory<br>Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)<br>Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)<br>Listed on the TCSI (Taiwan Chemical Substance Inventory) |

### 15.3. State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer, developmental and/or reproductive harm

| Component | State or local regulations |
|---|---|
| Sulfuric acid, barium salt (1:1)(7727-43-7) | U.S. - New Jersey - Right to Know Hazardous Substance List; U.S. - Pennsylvania - RTK (Right to Know) List |

## SECTION 16 Other information

according to 29 CFR § 1910.1200, Hazard Communication Standard (HCS 2024)

Revision date : 3/20/2026

Issue date : 5/23/2023

Data sources : REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

Training advice : Users of breathing apparatus must be trained.

Other information : None.

| Full text of hazard classes and H-statements | |
|---|---|
| H251 | Self-heating; may catch fire |
| H302 | Harmful if swallowed |
| H317 | May cause an allergic skin reaction |
| H319 | Causes serious eye irritation |
| H332 | Harmful if inhaled |
| H373 | May cause damage to organs through prolonged or repeated exposure |

| Indication of changes: | | |
|---|---|---|
| **Section** | **Changed item** | **Comments** |
| 2 | Hazard statements (GHS US) | **Modified** |
| 2.1 | GHS-US classification | **Modified** |

Safety Data Sheet (SDS), USA

The information contained herein is based on the present state of our knowledge and is intended to describe our products from the point of view of safety requirements. It should not therefore be construed as guaranteeing specific properties.

DCL pigment, pigment preparations and special dyes are technical grade products. Unless otherwise stated or agreed DCL products are recommended only for industrial use in applications involving coloration of inks, plastics and coatings. Other intended uses including their use in consumer products governed by specific legislation or standards should be referred to the manufacturer. The use of this product is not authorized for the direct coloration of food, the coloration of articles that come into contact with internal organs or body fluids, tattoo inks, nor for cosmetic use. The customer must perform its own tests to determine the suitability of the supplied product for the intended purpose. It is also the customer's responsibility to ensure that its intended uses shall be fully in compliance with all applicable laws and regulations in each relevant country or region. The data contained in the SDS apply only to DCL products sold under the stated trade names.