

## Iron Oxide Black

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 /  
March 26, 2012 / Rules and Regulation

Revision Date: 22-Mar-2022  
Supersedes: 17-Aug-2016

### 1 PRODUCT & COMPANY IDENTIFICATION

<b>Product Name:</b> Iron Oxide Black	<b>Distributor:</b> MakingCosmetics.com Inc.
<b>Synonyms:</b> CI 77499 (iron oxide black)	<b>Address:</b> 10800 231 <sup>st</sup> Way NE
<b>INCI Name:</b> CI 77499 (iron oxide black)	Redmond, WA 98053 (USA)
<b>CAS Number:</b> 1317-61-9	<b>Phone / Fax:</b> 425-292-9502 / 425-292-9601
<b>Formula:</b> No data available	<b>Web:</b> <a href="http://www.makingcosmetics.com">www.makingcosmetics.com</a>
<b>Product Form:</b> Solid (powder)	
<b>Product Use:</b> Cosmetic use	<b>Emergency Telephone Number:</b> 1-800-424-9300 (Chemtrec)

### 2 HAZARDS IDENTIFICATION

<b>GHS Classification:</b>	Not classified												
<b>GHS Labeling:</b>	Not classified												
<b>GHS Hazard Pictograms:</b>	None												
<b>GHS Hazard Statements:</b>	None												
<b>GHS Precautionary Statements:</b>	None												
<b>Potential Health Hazards:</b>	Eyes: May be irritant. Inhalation: Not expected to be irritant. Skin: May be irritant. Ingestion: May be irritant.												
<b>NFPA Ratings (704):</b>	<table border="0"> <tr> <td style="background-color: #0070C0; color: white;">Health</td> <td style="text-align: center;">0</td> <td>Minimal</td> </tr> <tr> <td style="background-color: #FF0000; color: white;">Flammability</td> <td style="text-align: center;">1</td> <td>Slight</td> </tr> <tr> <td style="background-color: #FFFF00; color: black;">Reactivity</td> <td style="text-align: center;">0</td> <td>Minimal</td> </tr> <tr> <td>Specific Hazard</td> <td style="text-align: center;">N/A</td> <td></td> </tr> </table>	Health	0	Minimal	Flammability	1	Slight	Reactivity	0	Minimal	Specific Hazard	N/A	
Health	0	Minimal											
Flammability	1	Slight											
Reactivity	0	Minimal											
Specific Hazard	N/A												

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS No.</u>	<u>Weight %</u>	<u>Molecular Weight</u>
CI 77499	1317-61-9	Not Available	Not Available

### 4 FIRST AID MEASURES

<b>Eyes:</b>	Irrigate eyes with a heavy stream of water for at least 15 to 20 minutes. Seek medical attention if symptoms occur.
<b>Inhalation:</b>	Remove victim to fresh air. Seek medical attention if symptoms occur.
<b>Skin:</b>	Wash skin with soap and water. Seek medical attention if symptoms occur.
<b>Ingestion:</b>	Do Not Induce Vomiting! Never give anything by mouth to an unconscious person. Seek medical attention if necessary.

### 5 FIRE-FIGHTING MEASURES

<b>Suitable (and unsuitable) extinguishing media:</b>	May be combustible at high temperature. Use appropriate media (dry powder, foam, carbon dioxide) for adjacent fire. Do not use direct water jet.
<b>Special protective equipment &amp; precautions for firefighters:</b>	Wear self-contained, approved breathing apparatus and full protective clothing, including eye protection and boots.
<b>Flash Points:</b>	No data available
<b>Specific hazards arising from the chemical:</b>	None known. See also Stability and Reactivity section.

### 6 ACCIDENTAL RELEASE MEASURES

**Personal precautions, protective equipment & emergency procedures:**  
**Environmental precautions:**

Do not try to clean up the leak without proper protective equipment. See section 8 for recommendations on the use of personal protective equipment.  
 Prevent entry into waterways, sewers, basements or confined areas. Notify environmental authorities in case of large leaks.  
 Isolate spill area immediately. Keep unauthorized personnel away. Ventilate closed spaces before entering. Do not touch or walk through spilled material. Surface may become slippery after spillage. Use vacuum or broom and remove to disposal container.

**Methods and material for containment and cleaning up:**

## 7 HANDLING & STORAGE

**Precautions for safe handling:**

Handle in accordance with good industrial hygiene and safety practices. See section 8 for recommendations on the use of personal protective equipment. Keep container closed when not in use.

**Conditions for safe storage, incl. any incompatibilities:**

Avoid freezing or excessive heat. Do not handle or store near an open flame, heat or other sources of ignition. Keep the container tightly closed and in a cool, well-ventilated place. Keep away from heat and incompatible materials (see section 10 for incompatibilities).

## 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

**Component**  
CI 77499

**Exposure Limits**  
No data available

**Basis**

**Entity**

TWA: Time Weighted Average over 8 hours of work.  
 TLV: Threshold Limit Value over 8 hours of work.  
 REL: Recommended Exposure Limit  
 PEL: Permissible Exposure Limit

STEL: Short Term Exposure Limit during x minutes.  
 IDLH: Immediately Dangerous to Life or Health  
 WEEL: Workplace Environmental Exposure Levels  
 CEIL: Ceiling

**Personal Protection:**

**Eyes:** Safety glasses, goggles, or face shield recommended for eye protection.  
**Inhalation:** Appropriate NIOSH approved respiratory protection should be worn.  
**Body:** Gloves and protective clothing should be worn to prevent prolonged skin contact.  
**Other:** Wash hands before breaks and immediately after handling the product. Use good personal hygiene practices. Provide eyewash stations, quick-drench showers and washing facilities accessible to areas of use and handling.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** No data available  
**Odor:** No data available  
**Odor Threshold:** No data available  
**Color:** No data available  
**Molecular Weight:** No data available  
**pH (1% sol. in water)** No data available

**Vapor Pressure:** No data available  
**Vapor Density:** No data available  
**Evaporation Rate:** No data available  
**Flammability:** No data available  
**Explosive Limit:** No data available  
**Solubility:** Insoluble in water  
 Dispersible in oil

**Boiling Point:** No data available  
**Melting Point:** No data available  
**Relative Density:** No data available  
**Partition Coefficient: n-octanol/water:** No data available  
**Viscosity:** No data available  
**Oxidizing Properties:** No data available

**Flash Point:** No data available  
**Specific Gravity:** 4.9-5.1  
**Auto-Ignition Temperature:** No data available  
**Decomposition Temperature:** No data available  
**Explosive Properties:** No data available  
**Freezing Point:** No data available

## 10 STABILITY AND REACTIVITY

**Reactivity:** Stable under normal conditions.  
**Chemical Stability:** Stable under normal conditions.  
**Hazardous Polymerization:** Will not occur.  
**Conditions to Avoid:** Not available.  
**Incompatible Materials:** Strong reducing/oxidizing agents destroy the dye.  
**Hazardous Decomposition Products:** None known.

## 11 TOXICOLOGICAL INFORMATION

<b>Acute Toxicity:</b>	Does not exhibit acute toxicity in laboratory trials.
<b>Skin:</b>	Non-Irritant.
<b>Eyes:</b>	Non-Irritant.
<b>Respiratory:</b>	Possible Irritant.
<b>Ingestion:</b>	LD50: >2000mg/kg
<b>Carcinogenicity:</b>	No data available
<b>Teratogenicity:</b>	No data available
<b>Germ Cell Mutagenicity:</b>	No data available
<b>Embryotoxicity:</b>	No data available
<b>Specific Target Organ Toxicity:</b>	No data available
<b>Reproductive Toxicity:</b>	No data available
<b>Respiratory/Skin Sensitization:</b>	No data available

## 12 ECOLOGICAL INFORMATION

<b>Ecotoxicity</b>	
<b>Aquatic Vertebrate:</b>	No data available
<b>Aquatic Invertebrate:</b>	No data available
<b>Terrestrial:</b>	No data available
<b>Persistence and Degradability:</b>	No data available
<b>Bioaccumulative Potential:</b>	No data available
<b>Mobility in Soil:</b>	No data available
<b>PBT and vPvB Assessment:</b>	No data available
<b>Other Adverse Effects:</b>	No data available

## 13 DISPOSAL CONSIDERATIONS

<b>Waste Residues:</b>	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary, before disposing of waste product container.
<b>Product Containers:</b>	Users should review their operations in terms of the applicable federal/national or local regulations and consult with appropriate regulatory agencies if necessary, before disposing of waste product container.

The information in section 13 is for the product as shipped. Use and/or alterations to the product may change the characteristics of the material and alter the waste classification and proper disposal methods

## 14 TRANSPORT INFORMATION

<b>DOT (Dept. of Transportation, USA):</b>	Not regulated as dangerous goods
<b>TDG (Transportation of Dangerous Goods, Canada):</b>	Not regulated as dangerous goods
<b>IMDG (International Maritime Dangerous Goods):</b>	Not regulated as dangerous goods
<b>IATA (International Air Transport Association):</b>	Not regulated as dangerous goods
<b>ICAO (International Civil Aviation Organization):</b>	Not regulated as dangerous goods

## 15 REGULATORY INFORMATION

<b>TSCA Inventory Status:</b>	Listed as CI 77499.
<b>DSCL (EEC):</b>	This product is not classified according to the EU regulations. Not applicable.
<b>WHMIS (Canada):</b>	Not controlled under WHMIS (Canada)
<b>EU EINECS/ELINCS/NLP:</b>	No data available
<b>China IECSC:</b>	No data available
<b>China IECIC (06.30.2014):</b>	No data available
<b>Australia AICS:</b>	No data available
<b>Japanese MITI:</b>	No data available
<b>Philippines PICCS:</b>	No data available

---

Korea KECL: No data available

## 16 OTHER INFORMATION

**Revision Date:** 22-Mar-2022

**Compliance:** This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

**Disclaimer:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.