

pigments for

Cosmetics & Personal Care

Product Dossier



First choice for new formulations

SUDARSHAN

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General information

Product code	2231C
Product description	Sumicos Black LHM
Appearance	Black powder
Manufacturer's name	Sudarshan Chemical Industries Limited
Manufacturer's address	162 Wellesley road, Pune 411001, India

Composition

Ingredient	INCI	CAS	EINECS	Percentage Composition
Pigment Black 11	CI 77499	1317-61-9	215-277-5	100

Note: The above table includes only those ingredients that are >1%.

Additives	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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Shelf life and storage

Shelf Life	5 Years
Storage Conditions	A moderately dry, well-ventilated area is considered to be adequate for handling and storage. Protect from extreme heat and cold. Keep away from sources of ignition.

Presence of GMO (genetically modified organisms)

Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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**Presence of CMR (carcinogenic, mutagenic & toxic to reproductive organs)
According to EU Directive 67/548/EEC**

Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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Presence of Nanoparticles according to EC Regulation 1223/2009

Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
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Presence of Allergens

After the amendment of directive 203/15/CE, the labelling of 26 substances recognised as allergens added to schedule III is compulsory, if their concentration exceeds 0.001% in leave-on products and 0.01 in rinse-off products.

Allergen	CAS	Yes/No	Percentage
Amyl cinnamal	122-40-7	No	
Benzyl alcohol	100-51-6	No	
Cinnamyl alcohol	104-54-1	No	
Citral	5392-40-5	No	
Eugenol	97-53-0	No	
Hydroxycitronellal	107-75-5	No	
Isoeugenol	97-54-1	No	
Amylcinnamyl alcohol	101-85-9	No	
Benzyl salicylate	118-58-1	No	
Cinnamal	104-55-2	No	
Coumarin	91-64-5	No	
Geraniol	106-24-1	No	
Hydroxyisohexyl 3-cyclohexene carboxaldehyde	31906-04-4	No	
Anise alcohol	105-13-5	No	
Benzyl cinnamate	103-41-3	No	
Farnesol	4602-84-0	No	
Butylphenyl methylpropional	80-54-6	No	
Linalool	78-70-6	No	
Benzyl benzoate	120-51-4	No	
Citronellol	106-22-9	No	
Hexyl cinnamal	101-86-0	No	
Limonene (d-alpha)	5989-27-5	No	
Methyl 2-octynoate	111-12-16	No	
Alpha-isomethyl ionone	127-51-5	No	
Evernia prunastri (oakmoss) extract	90028-68-5	No	
Evernia furfuracea (treemoss) extract	90028-67-4	No	

Impurities and residues

Asbestos	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Amines & nitrosamines	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Dioxine	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Formaldehydes	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Glutens	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Glycol ethers	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Monomers	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Pesticide	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Petroleum & petrochemical products	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Phthalates	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Palm oil	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Peanuts & tree nuts	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Solvents & Volatile organic components	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	
Water soluble cyanide content	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	

Heavy metals

Antimony (Sb): <u>Max 5</u> ppm	Chromium (Cr): <u>Max 25</u> ppm	Mercury (Hg): <u>Max 1</u> ppm
Arsenic (As): <u>Max 3</u> ppm	Cobalt (Co): <u>Max 30</u> ppm	Nickel (Ni): <u>Max 10</u> ppm
Barium (Ba): <u>Max 5</u> ppm	Copper(Cu): <u>Max 10</u> ppm	Selenium (Se): <u>Max 10</u> ppm
Cadmium (Cd): <u>Max 1</u> ppm	Lead (Pb): <u>Max 3</u> ppm	Zinc (Zn): <u>Max 35</u> ppm

Origin of raw materials

Ingredient	
Pigment Black 11	Mineral

Note: Our raw materials do not contain ingredients of animal origin.

Physical & Chemical Properties

Flash point	Not applicable
Melting point	Not applicable
Molecular weight	Not applicable
Particle size	NA µm
pH	5-8
Solubility	Insoluble

Microbial data

Total viable count (TVC)	Max 100Cfu/g max
Yeasts & moulds	Max 100Cfu/g max
Pathogens (in 1gm)	Absent

Toxicological data

Acute oral toxicity	LD50 (Oral, rat) > 5000 mg/kg. Non toxic according to NIOSH Registry of Toxic Effects of Chemical Substances (RTECS)		
Persistence & degradability	Not soluble in water so this product is predicted not to degrade in soil and water.		
HMIS ratings	Health		0
	Fire hazard		0
	Reactivity		0
	Personal protection		E
Animal testing (since December 31st 1990)	Yes <input type="checkbox"/>		No <input checked="" type="checkbox"/>

Note: All the Sumicos pigments and their component parts comply with the requirement of the Corporate Standard of Compassion for Animals that they have not been tested or re-tested on animals to assess safety, efficacy, or environmental effects of cosmetics products by or on our behalf. The toxicological data referred to in our data sheets is based on the information available in the literature based on the tests conducted on similar products or on the individual components.

Listing in various inventories

Regions / Countries	
Europe	No Restriction
America	No Restriction
Japan	No Restriction
Canada	No Restriction
China	No Restriction
Australia	No Restriction

Registration, Evaluation & Authorization of Chemical Substances(REACH)

Substance Registered	Black iron oxide
Substance exempted	None
Presence of substance of very high concern (SVHC)	None



Disclaimer: The information included here is based on the most reliable data generated by our laboratories. Since the performance of a pigment also depends on the additives and polymers used, we recommend that the customers should test the pigment for their end applications. However, if we are provided with testing methods and samples, we would be glad to do the same. We will do our best to provide products of consistent quality, within the scope of the general conditions of sale & delivery. Should in spite of these precautions, any liability be established, the damage, if any will be limited to the value of goods delivered by us and used by you.

First choice for new formulations

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