



PHOENIX COLOURS

Manufacturer & Exporter of Dyestuffs,
Pigments & Intermediates

C-613, Swaminarayan Nagar, Next to COD.,
Datta Mandir Rd., Malad East, Mumbai 400 097.
MAHARASHTRA (INDIA)

Tel.: 91 98191 99181 / 91 97681 27681

Email: info@phoenixcolours.com

URL: www.phoenixcolours.com

MATERIAL SAFETY DATA SHEET

ACID GREEN 73

Section 1 Chemical Product and Company Identification

MSDS Name: Acid Green 73
Company Name: M/s. Phoenix Colours
C-613, Swaminarayan nagar, Datta Mandir road, Next to COD, Malad: East, Mumbai: 400097
Maharashtra (INDIA) Tel.: 91 98191 99181 / 91 97681 27681

Section 2 - Composition, Information on Ingredients

CAS No.: 12219-93-1 Chemical Class Azo class (1:2 metal complex)
HS Code : 32041216 Synonyms: Acid Olive Green SG
Uses: Leather dyeing (Tannery), Wood Polish, Silk, Nylon etc.

Section 3 : Physical and Chemical Properties

Physical State: Fine Powder
Colour: Dark Blackish Green
Odor: Odorless
Solubility: Water soluble
pH: 6-7

Section 4 - Hazards Identification

Hazardous Reactions No
Hazardous Decomposition Product Not Established .
NONE AS PER 29 CFR PART 1910/200 (OSHA HAZARD COMMUNICATION STD.)
Label Elements : NONE required
Hazard designation : N.A. / Warning symbol : N.A. / Critical hazard to man and the environment : N.A.
GHS Classification : Category – 3 GHS Label Elements (Including precautionary statements)
Pictogram : No Signal Word : No Precautionary Statement : No
H402: May be harmful to aquatic life HMIS Classification: Health Hazard : 0 , Flammability : 0 , Physical hazard : 0
NFPA Rating : Health Hazard : 0, Fire : 0 , Reactivity hazard: 0

Section 5 - Stability and Reactivity

Reactivity Data: This material is stable under condition of normal handling and use, but sensitive to moist air.
Chemical In Compatibility: Strong Reducing Agents, Decolorizing Agents, strong Acids & Alkalis
Condition To Avoid: (I) Heating To High Temperature
(II) Storage under damp atmosphere

Section 6 - Handling and Storage

Handling: Avoid formation of dust
Storage: Keep in closed container at ambient temperature & humidity
Do Not Store Together: Store Colour wise

Section 7 - Exposure Controls, Personal Protection

Respirator Protection: May be used (In case dust formation particle filter e.g. DIN 3181-21 may be)
Ventilation: Local ventilation capable of minimizing dust emission at the point of use
Eye Protection: Protective glasses may be used
Hand Protection: Rubber gloves may be used wash the hands before and at the end of work with water, soap.



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Section 8 - First Aid Measures

Eye Contact:	Wash eyes with plenty of water for at least 15 minute
Skin Contact:	Wash with plenty of water for at least 15 minute
After Spillage:	Sweep up spilled substance carefully, and then clean with water
Absorbent Material:	Use clean cotton cloths
Water Hazard:	Being an edible dye, not established

Section 9 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. During a fire, irritating and highly toxic gases may be generated by thermal decomposition or combustion.

Section 10 - Stability and Reactivity

Stable under normal conditions. Hazardous Polymerization will not occur. Hazardous decomposition products are none
Materials to avoid : Strong oxidizing agents

Section 11 - Toxicological Information

Toxicological:	Based upon industry-wide experience and published toxicological studies, S.O.Dyes (A.D.Dyes) in general are considered to be practically NON- TOXIC Effect of exposure : Acute Toxicity : Oral Rat LD50> 5000mg/kg
Primary Irritation:	Skin (Rabbit- Non irritant), Eye (Non Irritant – Rabbit).

Section 12 - Ecological Information

Environmental:	This substance has low mobility in soil and is not expected to volatilize from moist soil surfaces. May bioconcentrate in aquatic organisms and may absorb to suspended soils and sediment in the water. Avoid infiltration in to waste water draining or soil.
Degree of Elimination:	(BOD5 : COD) x 100. 10 to 25%
Test method :	OECD method 50 to 100% T.O.C. Ecotoxic Effects : Fish Toxicity LC50. 50mg/ltr. 96hours

Section 13 - Water Hazard

Consult a local expert for advice on the disposal of this material. Ensure that disposal is in compliance with local, State or national regulations.

Section 14 - Transport Information

Shipping Name:	Not regulated as a hazardous material (Acid Green 73 – Synthetic Organic Dyes)
Hazard Class:	NON HAZARDOUS (Road / Air / Sea) (FREE – NOT APPLICABLE)
UN Number ADR / RID :	Free / UN Number ICAO : Free / UN Number IMO : Free

Section 15 - Regulatory Information

If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal, whether a material containing the product or derived from the product should be classified as a hazardous waste.

Section 16 - Other Information

This product should be stored, handled and used in accordance with good industrial hygienic practices and in conformity with any legal regulation. R42/43 may cause sensitization by inhalation and skin contact. S22 do not breathe dust. S24/25 avoid contact with skin & eyes. S37/39 wear suitable gloves and eye / face protection. S45 in case of accident or if feel unwell, seek medical advice immediately