



Ramdev

**CHEMICAL
INDUSTRIES**



Plot No. 3441, G.I.D.C. ESTATE, ANKLESHWAR - 393 002. INDIA. Phone : +91 2646 252299, 222999
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**MANUFACTURERS OF PHTHALOCYANINE PIGMENTS
GOVERNMENT RECOGNISED "STAR EXPORT HOUSE"**



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF COMPANY.

Chemical Description. : Copper Phthalocynine Green
Synonyms. : **RAMAFAST GREEN YL P-52**
Supplier. : **RAMDEV CHEMICAL INDUSTRIES**
Plot No.B/3441 G.I.D.C. Estate, ANKLESHWAR, 393 002, INDIA
Emergency Telephone No : (Fact.) +91-2646 252299 / 222999, Fax. +91-2646-238999.

2. COMPOSITION/INFORMATION OF INGREDIENTS. Chemical Characterization.

C.I.Generic Name:Pigment Green – 7
C.I.No. : 74260
CAS No. : 1328-53-6.
Dangerous Components : None.
Molecular Formula : C₃₂ H₈ Cl₁₆ Cu
Molecular Weight : 1092 to 1127.

3. HAZARDOUS IDENTIFICATION : No Hazardous effects known.

4. FIRST AID MEASURES.

Inhalation : Supply fresh Air.
Skin Contact : In case of contact with skin wash out immediately with mild soap & water.
Eye Contact : In case of contact with eyes flush with plenty of water raising eye lids and seek Medical Advice.
Ingestion : Effects not known, consult doctor immediately.

5. FIRE FIGHTING MEASURES.

Suitable Extinguishing Media : No restriction.
Unsuitable Extinguishing Media : None.
Special Protective Equipment : Appropriate.

6. ACCIDENTAL RELEASE MEASURES:

Personal Precautions : Safety goggles, Halmet, Face shield, Handgloves etc. to be used.
Environmental Precautions : Do not sweep or wash in public stretches of water, sewers or suits of unknown discharge.
Methods for cleaning up : Clean up immediately with wetting or absorbent material avoiding dusting.

7. HANDLING AND STORAGE.

Precautions during Handling : Usual precautions for nuisance dust should be observed.
Precautions against fire and Explosion :Keep away from sources of ignition No Smoking- Risk of dust explosion.
Precautions during storage :Store in rooted place at room temperature Keep container tightly sealed. Protect from fire.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION.: Exposure limits.Additional notes for design of plant equipment: For further details-see sec.7Components with work place related limits to be monitored:

<u>Designation</u>	<u>%</u>	<u>Type of data</u>	<u>Unit</u>
Nuisance dust	100	MAK,TLV/TWA (USA)	6 mg/m ³

Respiratory Protection : An appropriate dust filter has to be used should a breathable dust odour.

Hand Protection : Gloves Eye Protection : Safety Glasses.

9. PHYSICAL AND CHEMICAL PROPERTIES.

APPEARANCE: Form : Powder.
Colour : Deep Green.
Odour : Odour-less.



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BUREAU
VERITAS
Certification
ISO 14001:2004
Cert. No. IND10.5147



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RELEVANT SAFETY DATA :

Melting Point	: Not Applicable
Boiling	: Not Applicable
Flash Point	: Not Applicable
Thermal decomposition	: Hazardous decomposition not expected
Ignition temperature	: Not Applicable
Auto-Ignition	: Not DOT regulated
Oxidizing Properties	: Not Applicable
Explosion Limits	: Not Applicable
Vapour Pressure	: Not Applicable
Bulk Density	: 0.42 to 0.48 gm / cc
Solubility in water	: Insoluble
PH.	: Neutral
Partition coefficient	: Not Applicable
Viscosity	: Not Applicable

10. STABILITY AND REACTIVITY:

Stability	: Stable under normal conditions.
Condition to avoid	: Direct contact of heat and fire avoid contact with strong chemical Oxidising agents.
Hazardous decomposition products	: No decomposition at proper storage and normal condition.

11. TOXICOLOGICAL INFORMATION:

Acute toxicity (LD 50)	: The product is not toxic LD 50 oral.rat-5000 mg/kg.
Primary irritation :	
Skin	: Non irritant (rabbit)
Eye	: Non irritant (eyes of rabbit)

12. ECOLOGICAL INFORMATION.

Avoid infiltration into waste water draining or soil.

13. DISPOSAL CONSIDERATIONS:

Disposal of Product	: Dispose in accordance with federal, state and local regulation. Waste Code No.55514 (Germany)
Disposal of Packing	: Contaminated packages & containers emptied, but may be recycled. Waste Code No.18174 (Germany)
Waste Classification	: Waste Code No.55514 (Germany)

14. TRANSPORT INFORMATION : No declaration for transport required.

15. REGULATORY INFORMATION:

The product is not substance to mandatory marking in accordance with EEC Directive. 67/548/EEC- or amendments.

Water risk class: WGK O (self assessment acc to 79,19,19a,1 of Germany water Utilization Act (WHG).

16. OTHER INFORMATION:

This information is based on our present state of knowledge. It should not therefore be construed as guaranteeing specific properties of the products described or their suitability for a particular application.