

MATERIAL SAFETY DATA SHEET

[1] PRODUCT AND OF THE COMPANY INFORMATION

Product Details:

Product Name : **Malachite Green Liquid**
C.I. Name : **Basic Green 4**
C.I. No: 42000
CAS Number: 41272-40-6

Company Identification:

ALLIANCE ORGANICS LLP.
6/17, 3rd Floor, Kamdhenu Ind Estate, Mindspace,
Malad West, Mumbai 400064, India.
Tel: +91-22-42957551, 28725721, 28725731
Email: sales@allianceorganics.com
Use: Colorants for industrial use

[2] COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Product Name	Content % (+5%)
41272-40-6	Basic Green 4	50 %
64-19-7	Acetic Acid	30 %
7732-18-5	Water	15%
111-46-6	DEG as Stabilizers	5%

[3] HAZARDS IDENTIFICATION

Warnings:

The usual precautions taken when handling of dyes should be observed.
As the substance is non-edible dye, no hazardous to water supply.

[4] FIRST AID MEASURES

Eye Contact Wash eyes with plenty of water for at least 15 minute. Skin Contact Wash off with plenty of water & soap. Ingestion plenty full water to be taken inside, special medical attention may not be necessary.

[5] FIRE FIGHTING MEASURES

Extinguishing Media Use dry chemicals or carbon dioxide CO₂ Thermal Decomposition Dangerous decomposition is not anticipated

[6] ACCIDENTAL RELEASE MEASURES

Personal precautions:

Avoid dust formation. Use personal protective clothing.

Environmental precautions:

Contain contaminated water/firefighting water. Do not discharge into drains/surface waters/groundwater.

Cleanup:

Avoid raising dust.

For small amounts: Pick up with suitable appliance and dispose of.

For large amounts: Contain with dust binding material and dispose of.

[7] HANDLING & STORAGE

Handling

General advice: Breathing must be protected when large quantities are decanted without local exhaust ventilation.

Protection against fire and explosion: Avoid dust formation. Take precautionary measures against static discharges.

Storage: General advice: Keep container tightly closed and dry; store in a cool place.

[8] EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment

Respiratory protection: Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator.

Hand protection: Chemical resistant protective gloves

Eye protection: Safety glasses with side-shields.

General safety and hygiene measures: Wash soiled clothing immediately.

[9] PHYSICAL AND CHEMICAL PROPERTIES

Form	: Liquid
Odour	: pungent odour – acetic odour (vinegar-like)
Odour threshold	: No data available.
Colour	: Green
pH value	: 1 - 3 (10 g/l, 20 °C) (as suspension)
Specific Gravity	: 100% (w/w): 1.1 @20°C
Solubility in water	: soluble

[10] STABILITY & REACTIVITY

Conditions to avoid:

Avoid humidity.

Hazardous reactions:

The product is not a dust explosion risk as supplied; however the build-up of fine dust can lead to a risk of dust explosions.

Decomposition products:

Hazardous decomposition products: No hazardous decomposition products if stored and handled as prescribed/indicated.

Reactivity Data This material is stable under condition of normal handling and use, but sensitive to moist air.

[11] TOXICOLOGICAL INFORMATION (IN RATS & MICE)

Acute toxicity	Oral: Type of value: LD50 Species: rat Value: > 5,000 mg/kg
Irritation / corrosion Skin:	Species: rabbit Result: non-irritant
Eye:	Species: rabbit Result: non-irritant

[12] ECOLOGICAL INFORMATION

Water Hazard Being not an edible dye, not established.

[13] DISPOSAL CONSIDERATION

Container disposal:

Uncontaminated packaging can be re-used. Packs that cannot be cleaned should be disposed of in the same manner as the contents.

[14] TRANSPORT INFORMATION

DYE LIQUID, CORROSIVE, N.O.S (MALACHITE GREEN LIQUID , BASIC GREEN 4 LIQUID)

Land transport TDG:	UN-number: 2801 Class: 8 PG: III
Sea transport IMDG:	UN-number: 2801 Class: 8 PG: III
Air transport IATA/ICAO:	UN-number: 2801 Class: 8 PG: III

[15] REGULATORY INFORMATION

Hazardous Cargo
Keep separated from hazardous chemicals

[16] OTHER INFORMATION

The user must be instructed in the proper work procedure and be familiar with the contents of these Instructions.
The following sections contain revisions or new statements: 14, 15, 16.

Wording of Risk Phrases:

R22	Harmful if swallowed.
R41	Risk of serious damage to eyes.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
H315	Causes skin irritation.
H318	Causes serious eye damage.
H400	Very toxic to aquatic life.

The information contained herein is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations. The information given and the recommendations made herein apply to our product alone and not combined with other products. Such are based on our research and on data from other reliable sources and are believed to be accurate. No guarantee of accuracy is made. It is the purchasers' responsibility before using any product to verify these data under their own operating conditions and to determine if the product is suitable for their purposes.