

Safety Data Sheet



Distributed by:
Laguna Clay Company
14400 Lomitas Ave
City of Industry, CA 91746
1-800-4Laguna
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1. Identification of the Substance/Preparation and of the Company/Undertaking

Product Identifier

Product Code 40300451
Product name KEYAZINE™ MALACHITE GREEN POWDER

Recommended use of the chemical and restrictions on use

Synonyms N/A

Supplier's details

Recommended use Industrial Use Only.
Uses advised against No information available

Details of the Supplier of the Safety Data Sheet

Keystone Corporate Office Keystone Liquid Manufacturing and Technical Facility
2501 W Fulton Street 2165 Highway 292
Chicago, IL 60612 Inman, SC 29349
Ph 864 473-1601

Ph 312-666-2015
Ph 1-800-522-4393

Emergency Telephone Number

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2. Hazards Identification

Classification

Acute toxicity - Oral	Category 4
Serious eye damage/eye irritation	Category 1
Reproductive toxicity	Category 2
Acute aquatic toxicity	Category 1
Chronic Aquatic Toxicity	Category 1

EMERGENCY OVERVIEW

signal word

DANGER

hazard statements

H302 - Harmful if swallowed
H318 - Causes serious eye damage
H361 - Suspected of damaging fertility or the unborn child
H410 - Very toxic to aquatic life with long lasting effects



appearance dark powder	Physical State Powder	Odor None
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precautionary statements	<p>P264 - Wash face, hands and any exposed skin thoroughly after handling</p> <p>P270 - Do not eat, drink or smoke when using this product</p> <p>P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell</p> <p>P330 - Rinse mouth</p> <p>P280 - Wear protective gloves/protective clothing/eye protection/face protection</p> <p>P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing</p> <p>P310 - Immediately call a POISON CENTER or doctor/physician</p> <p>P201 - Obtain special instructions before use</p> <p>P202 - Do not handle until all safety precautions have been read and understood</p> <p>P281 - Use personal protective equipment as required</p> <p>P308 + P313 - IF exposed or concerned: Get medical advice/attention</p> <p>P405 - Store locked up</p> <p>P273 - Avoid release to the environment</p> <p>P501 - Dispose of contents/ container to an approved waste disposal plant</p> <p>P391 - Collect spillage</p>
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Hazards Not Otherwise Classified (HNOC)**OTHER INFORMATION****3. Composition/information on Ingredients**

Chemical Name	CAS-No	Weight %	Trade secret
BASIC GREEN 4	569-64-2	100%	*

4. First aid measures**First aid measures for different exposure routes**

General Advice	If symptoms persist, call a physician. Do not breathe dust/fume/gas/mist/vapors/spray. Do not get in eyes, on skin, or on clothing.
Eye Contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. If symptoms persist, call a physician. Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.
Skin Contact	Consult a physician if necessary. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Immediate medical attention is not required. If skin irritation persists, call a physician.
INHALATION	Move to fresh air. Consult a physician. If breathing is irregular or stopped, administer artificial respiration. Avoid direct contact with skin. Use barrier to give mouth-to-mouth resuscitation. Immediate medical attention is not required. Move to fresh air in case of accidental inhalation of vapors. If symptoms persist, call a physician.
INGESTION	Rinse mouth. Drink plenty of water. If symptoms persist, call a physician. Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Consult a physician.
Protection of First-aiders	Use personal protective equipment.
<u>Most important symptoms/effects, acute and delayed</u>	
Main Symptoms	No information available.
<u>Indication of immediate medical attention and special treatment needed, if necessary</u>	
Notes to physician	Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing media

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media Keep away from heat and sources of ignition.

Specific Hazards Arising from the Chemical

No information available.

Explosion Data

Sensitivity to Mechanical Impact None.

Sensitivity to Static Discharge Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

Protective Equipment and Precautions for Firefighters

Wear self contained breathing apparatus for fire fighting if necessary.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions Use personal protective equipment. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

Environmental Precautions

Environmental Precautions Prevent entry into waterways, sewers, basements or confined areas. Do not flush into surface water or sanitary sewer system. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

Methods and materials for containment and cleaning up

Methods for containment Prevent further leakage or spillage if safe to do so.

Methods for Cleaning Up Use personal protective equipment. Cover powder spill with plastic sheet or tarp to minimize spreading and keep powder dry. Take up mechanically, placing in appropriate containers for disposal. Avoid dust formation. Clean contaminated surface thoroughly. Soak up with inert absorbent material. Dam up. Pick up and transfer to properly labeled containers.

7. Handling and Storage

Precautions for Safe Handling

Advice on safe handling Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Remove and wash contaminated clothing before re-use. Do not breathe vapors or spray mist. Do not eat, drink or smoke when using this product. Use only in area provided with appropriate exhaust ventilation.

Conditions for safe storage, including any incompatibilities

Technical measures/Storage conditions Keep container tightly closed in a dry and well-ventilated place. Keep out of the reach of children. Keep containers tightly closed in a cool, well-ventilated place. Keep in properly labeled containers.

Incompatible Products None known based on information supplied.

8. Exposure Controls/Personal Protection

Control Parameters

Exposure guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
BASIC GREEN 4	500	-	No information available

569-64-2			
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Exposure Controls

Engineering Measures Showers
 Eyewash stations
 Ventilation systems. Apply technical measures to comply with the occupational exposure limits. Process enclosure and/or ventilation systems.

Individual protection measures, such as personal protective equipment

Eye/Face Protection Tightly fitting safety goggles. Face-shield. Eyewash fountains should be provided in areas where there is any possibility that workers could be exposed to the substances; this is irrespective of the recommendation involving the wearing of eye protection. Avoid contact with eyes.

Skin and Body Protection Skin and Body Protection. Wear protective gloves and protective clothing. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory Protection If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Hygiene Measures When using, do not eat, drink or smoke. Remove and wash contaminated clothing before re-use. Regular cleaning of equipment, work area and clothing is recommended. Do not eat, drink or smoke when using this product.

9. Physical and Chemical Properties

Physical and Chemical Properties

Physical State	Powder	Odor	None
appearance	dark powder		
odor threshold	No information available		

<u>Property</u>	<u>VALUES</u>	<u>Remarks • Method</u>
pH	No information available	
melting point		N/A
Boiling point/boiling range	No information available	
Flash Point	No information available	
Evaporation Rate	no data available	
flammability (solid, gas)	no data available	no data available
Flammability Limits in Air		
Upper Flammability Limit	No information available	
Lower Flammability Limit	No information available	
vapor pressure	No information available	
Vapor Density	No information available	
Specific gravity	No information available	N/A
Solubility in Other Solvents	No information available	
Partition coefficient: n-octanol/water	No information available	
Autoignition Temperature	No Data Available	N/A
decomposition temperature	No information available	
Kinematic viscosity	No Data Available	
Dynamic viscosity	No information available	
Explosive Properties	No information available	
Oxidizing properties	No information available	

OTHER INFORMATION

softening point	No information available
Molecular Weight	
VOC Content(%)	No information available.
density	No information available

10. Stability and Reactivity

Reactivity

no data available

Chemical Stability

Stable under recommended storage conditions.

Hazardous Reactions

None under normal processing

Conditions to avoid

Extremes of temperature and direct sunlight.

incompatible materials

None known based on information supplied.

Hazardous decomposition products

May emit toxic fumes under fire conditions.

11. Toxicological Information

Information on Likely Routes of Exposure**Product information**

INHALATION	Avoid breathing vapors or mists.
Eye Contact	Corrosive to the eyes and may cause severe damage including blindness.
Skin Contact	Avoid contact with skin.
INGESTION	HARMFUL IF SWALLOWED.

Information on Toxicological Effects

Symptoms No information available.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

sensitization	No information available.
Germ cell mutagenicity	No information available.
carcinogenicity	No information available.
Reproductive Toxicity	Contains a known or suspected reproductive toxin.
Specific target organ systemic toxicity (single exposure)	No information available.
Specific target organ systemic toxicity (repeated exposure)	No information available.
Chronic toxicity	Avoid repeated exposure.
Aspiration Hazard	No information available.

Numerical Measures of Toxicity - Product information

The following values are calculated based on chapter 3.1 of the GHS document .

ATEmix (oral) 500 mg/kg

12. Ecological Information

ecotoxicity

0% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Toxicity to daphnia and other aquatic invertebrates
BASIC GREEN 4 569-64-2		96-h LC50: 0.03 mg/l (Lepomis macrochirus) 96-h LC50: 0.12 (Pimelas promelas) 96-h LC50: 0.14 mg/l (Ictalurus punctatus)		48-h EC50: 0.29 mg/l (Daphnia magna)

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Persistence and Degradability

No information available.

Bioaccumulation

No information available.

Other Adverse Effects

No information available

13. Disposal Considerations

Waste treatment**Waste Disposal Methods**

Should not be released into the environment. Dispose of in accordance with local regulations. This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261).

Contaminated Packaging

Do not re-use empty containers. Dispose of in accordance with local regulations.

14. TRANSPORT INFORMATION

DOT**Description**

Not regulated in non-bulk (drum) quantities (See 49 CFR 171.4 (c) Except when all or part of transportation is by vessel requirements of this subchapter do not apply to non-bulk packaging transported by motor vehicle, rail car, or aircraft)

MEX**IATA****Description**

Not regulated in non-bulk (drum) quantities (See 49 CFR 171.4 (c) Except when all or part of transportation is by vessel requirements of this subchapter do not apply to non-bulk packaging transported by motor vehicle, rail car, or aircraft)

IMDG**UN/ID no**

UN3077

Proper Shipping Name

Environmentally hazardous substances, solid, n.o.s.

Hazard class

9

Packing group

III

Marine Pollutant

This product contains a chemical which is listed as a marine pollutant according to IMDG/IMO

Description

UN3077, environmentally hazardous liquid, n.o.s., (Basic Green 4), 9 , PG III

RID**ADN**

15. Regulatory Information

International Inventories**TSCA**

Listed

EINECS/ELINCS

Listed

DSL

Listed

NDSL

Not Determined

PICCS

Listed

ENCS

Listed

IECSC	Listed
AICS	Listed
KECL	Listed
NZIoC	Listed

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory
 EINECS/ELINCS - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances
 DSL/NDL - Canadian Domestic Substances List/Non-Domestic Substances List
 PICCS - Philippines Inventory of Chemicals and Chemical Substances
 ENCS - Japan Existing and New Chemical Substances
 IECSC - China Inventory of Existing Chemical Substances
 AICS - Australian Inventory of Chemical Substances
 KECL - Korean Existing and Evaluated Chemical Substances
 NZIoC - New Zealand Inventory of Chemicals

REACH registration number Keystone has taken all relative steps to ensure REACH-Compliance. Please contact us with any REACH-Related questions at REACH@Keystone-Europe.CO.UK

RESTRICTIONS - REACH TITLE VIII No information available

US Federal Regulations**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372:

Chemical Name	SARA 313 - Threshold Values %
BASIC GREEN 4	1.0

SARA 311/312 Hazard Categories

Acute health hazard	YES.
Chronic health hazard	YES.
Fire hazard	NO.
Sudden Release of Pressure Hazard	NO.
Reactive Hazard	NO.

Clean Water Act

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

CERCLA

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

US State Regulations**California Proposition 65**

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

Chemical Name	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
BASIC GREEN 4	X	X	X		

International regulations

www.Lagunaclay.com

800-452-4862

info@lagunaclay.com

CANADA**WHMIS Note**

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the MSDS contains all the information required by the CPR.

WHMIS Hazard Class

D2B Toxic materials

**HMIS****Health Hazard 3****flammability 1****Physical hazard 0****PERSONAL
PROTECTION F****16. Other Information****Revision Date** 17-Aug-2015**Revision note** No information available.**Restrictions on use** No information available.**Contact Information Website** WWW.DYES.COM.**Disclaimer**

The information provided on this MSDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

End of Material Safety Data Sheet