

**** MATERIAL SAFETY DATA SHEET ****

LEUCOMALACHITE GREEN

**** SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name: LEUCOMALACHITE GREEN

Catalog Numbers:

40211-0000, 40211-0050, 40211-0250, EK 116 8533, EK 116 8541

Synonyms:

4,4'-Benzylidenebis(N,N-dimethylaniline)

Company Identification (Europe): Acros Organics BVBA
Janssen Pharmaceuticaaan 3a
2440 Geel, Belgium

Company Identification (USA): Acros Organics
One Reagent Lane
Fairlawn, NJ 07410

For information in North America, call: 800-ACROS-01

For information in Europe, call: 0032(0) 14575211

For emergencies in the US, call CHEMTREC: 800-424-9300

For emergencies in Europe, call: 0032(0) 14575299

**** SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS ****

CAS#	Chemical Name	%
129-73-7	LEUCOMALACHITE GREEN	
204-961-9		

Hazard Symbols: None Listed.

Risk Phrases: None Listed.

**** SECTION 3 - HAZARDS IDENTIFICATION ****

EMERGENCY OVERVIEW

Light sensitive. Air sensitive.

Potential Health Effects

The toxicological properties of this material have not been investigated. Use appropriate procedures to prevent opportunities for direct contact with the skin or eyes and to prevent inhalation.

**** SECTION 4 - FIRST AID MEASURES ****

Eyes:

Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids.

Skin:

Flush skin with plenty of water for at least 15 minutes while

removing contaminated clothing and shoes.

Ingestion:

Do NOT induce vomiting. If conscious and alert, rinse mouth
and drink 2-4 cupfuls of milk or water.

Inhalation:

Remove from exposure and move to fresh air immediately.

Notes to Physician:

**** SECTION 5 - FIRE FIGHTING MEASURES ****

General Information:

As in any fire, wear a self-contained breathing apparatus in
full protective gear. During a fire, irritating and highly toxic
gases may be generated by thermal decomposition or combustion.

Extinguishing Media:

In case of fire, use water, dry chemical, chemical foam, or
alcohol-resistant foam.

**** SECTION 6 - ACCIDENTAL RELEASE MEASURES ****

General Information: Use proper personal protective equipment as
indicated in Section 8.

Spills/Leaks:

Clean up spills immediately, observing precautions in the
Protective Equipment section. Sweep up, then place into a suitable
container for disposal.

**** SECTION 7 - HANDLING and STORAGE ****

Handling:

Wash thoroughly after handling. Remove contaminated clothing
and wash before reuse. Avoid contact with eyes, skin, and
clothing. Avoid ingestion and inhalation.

Storage:

Store in a cool, dry place. Keep container closed when not in
use.

**** SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION ****

Engineering Controls:

Use adequate general or local exhaust ventilation to keep
airborne concentrations below the permissible exposure limits. Use
process enclosure, local exhaust ventilation, or other engineering
controls to control airborne levels.

Personal Protective Equipment

Eyes:
splashing Wear safety glasses and chemical goggles if
 is possible.

Skin:
to Wear appropriate protective gloves and clothing
 prevent skin exposure.

Clothing:
 Wear appropriate protective clothing to minimize
 contact with skin.

Respirators:
the Wear a NIOSH/MSHA or European Standard EN 149
 approved full-facepiece airline respirator in
 positive pressure mode with emergency escape
 provisions.

**** SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES ****

Physical State: Powder
Color: white to light brown
Odor: Not available.
pH: Not available.
Vapor Pressure: Not available.
Viscosity: Not available.
Boiling Point: Not available.
Freezing/Melting Point: 100.00 - 102.00 deg C
Autoignition Temperature: Not available.
Flash Point: Not available.
Explosion Limits, lower: Not available.
Explosion Limits, upper: Not available.
Decomposition Temperature:
Solubility in water: slightly soluble
Specific Gravity/Density:
Molecular Formula: C23H26N2
Molecular Weight: 330.46

**** SECTION 10 - STABILITY AND REACTIVITY ****

Chemical Stability:
 Stable under normal temperatures and pressures.

Conditions to Avoid:
 Incompatible materials, light, exposure to air, strong
oxidants.

Incompatibilities with Other Materials:
 Strong oxidizing agents.

Hazardous Decomposition Products:
 Nitrogen oxides, carbon monoxide, irritating and toxic fumes
and
 gases, carbon dioxide, nitrogen.

Hazardous Polymerization: Has not been reported.

**** SECTION 11 - TOXICOLOGICAL INFORMATION ****

RTECS#:

CAS# 129-73-7: CY1203055
LD50/LC50:

Not available.

Carcinogenicity:

LEUCOMALACHITE GREEN -

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

See actual entry in RTECS for complete information.

**** SECTION 12 - ECOLOGICAL INFORMATION ****

**** SECTION 13 - DISPOSAL CONSIDERATIONS ****

Dispose of in a manner consistent with federal, state, and local regulations.

**** SECTION 14 - TRANSPORT INFORMATION ****

IATA

No information available.

IMO

No information available.

RID/ADR

No information available.

**** SECTION 15 - REGULATORY INFORMATION ****

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available.

Risk Phrases:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 129-73-7: No information available.

United Kingdom Occupational Exposure Limits

United Kingdom Maximum Exposure Limits

Canada

CAS# 129-73-7 is listed on Canada's DSL List.

CAS# 129-73-7 is not listed on Canada's Ingredient Disclosure

List.

Exposure Limits

US FEDERAL

TSCA

CAS# 129-73-7 is listed on the TSCA inventory.

**** SECTION 16 - ADDITIONAL INFORMATION ****

MSDS Creation Date: 7/16/1996 Revision #0 Date: Original.

The information above is believed to be accurate and represents the best

information currently available to us. However, we make no warranty of

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