



MATERIAL SAFETY DATA SHEET

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Safranin O Cert Bio Stain 100g

60520

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name: Safranin O Cert Bio Stain 100g

Catalog Numbers:

S104

Synonyms:

Company Identification:

LEONID CHEMICALS

62/A-2 2nd Stage, Industrial Suburb

Yeshwanthpur, Bangalore -22, INDIA

Ph- +91-80-23378354

SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

CAS#	: 477-73-6
Chemical Name	: Safranin O Cert Bio Stain 100g
%	:
EINECS#	: 207-518-8
Haz Symbols	: None Listed
Risk Phrases	: None Listed

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Not available.

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:

Not available.

Skin:

Not available.

Ingestion:

Not available.

Inhalation:

Not available.



Notes to Physician:

SECTION 5 - FIRE FIGHTING MEASURES

General Information:

Not available.

Extinguishing Media:

Not available.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

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

Spills/Leaks:

Not available.

SECTION 7 - HANDLING and STORAGE

Handling:

Not available.

Storage:

Not available.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:

Personal Protective Equipment

Eyes:

Not available.

Skin:

Not available.

Clothing:

Not available.

Respirators:

Not available.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Solid

Color: Dark brown.

Odor: None reported.

pH: Not available.

Vapor Pressure: Negligible.

Viscosity: Not available.

Boiling Point: Not available.

Freezing/Melting Point: Not available.

Autoignition Temperature: Not applicable.

Flash Point: Not applicable.
Explosion Limits, lower: Not available.
Explosion Limits, upper: Not available.
Decomposition Temperature: Not available.
Solubility in water: Soluble in water.
Specific Gravity/Density: Not available.
Molecular Formula: C₂₀H₁₉ClN₄
Molecular Weight: 350.6128

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability:
Not available.
Conditions to Avoid:
Not available.
Incompatibilities with Other Materials:
Not available.
Hazardous Decomposition Products:
Not available.
Hazardous Polymerization: Has not been reported.

SECTION 11 - TOXICOLOGICAL INFORMATION

RTECS#:
CAS# 477-73-6: SG1623000
LD50/LC50:
Not available.
Carcinogenicity:
Safranin O Cert Bio Stain 100g -
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

Products which are considered hazardous for supply are classified as Special Waste and the disposal of such chemicals is covered by regulations which may vary according to location. Contact a specialist disposal company or the local waste regulator for advice. Empty containers must be decontaminated before returning for recycling.

SECTION 14 - TRANSPORT INFORMATION

IATA
Shipping Name: TOXIC LIQUID, ORGANIC, NOS

Hazard Class: 6.1
UN Number: 2810
Packing Group: III
IMO
Shipping Name: TOXIC LIQUID, ORGANIC, NOS
Hazard Class: 6.1
UN Number: 2810
Packing Group: III
RID/ADR
Shipping Name: TOXIC LIQUID, ORGANIC, NOS
Hazard Class: 6.1
UN Number: 2810
Packing group: III

SECTION 15 - REGULATORY INFORMATION

European/International Regulations
European Labeling in Accordance with EC Directives
Hazard Symbols: Not available.
Risk Phrases:
Safety Phrases:
WGK (Water Danger/Protection)
CAS# 477-73-6: No information available.
United Kingdom Occupational Exposure Limits

United Kingdom Maximum Exposure Limits

Canada
CAS# 477-73-6 is listed on Canada's DSL List.
CAS# 477-73-6 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits

US FEDERAL

TSCA

CAS# 477-73-6 is listed on the TSCA inventory.

SECTION 16 - ADDITIONAL INFORMATION

MSDS Creation Date: 2/18/1995 Revision #0 Date: Original.

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