



MATERIAL SAFETY DATA SHEET

CONGO RED CERTIF BIO STAIN

SECTION 1- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name:

Congo Red Certif Bio Stain 25g

Catalog Numbers: C/7020

Synonyms:

Un Listed.

Company Information:

LEONID CHEMICALS

62/A-2 1st Stage, Yeshwanthpur Industrial Suburb

Ashokpuram School Road

Bangalore-560 022, Karnataka, INDIA

Ph: +91-80-2337 8354, Fax: +91-80-2357 4827

SECTION 2- COMPOSITION, INFORMATION ON INGREDIENTS

CAS #	:	573-58-0
Chemical Name	:	C.I. DIRECT RED 28
%	:	Un Listed
EINECS#	:	209-358-4
Hazard Symbols	:	XN
Risk Phrases	:	20/21 33

SECTION 3- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Harmful by inhalation and in contact with skin. Danger of cumulative effects.

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:

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

Inhalation:

Not available.

Notes to Physician:
Un Listed

SECTION 5- FIRE FIGHTING MEASURES

General Information:

As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

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:

Sweep up, then place into a suitable container for disposal.

SECTION 7 - HANDLING and STORAGE

Handling:

Not available.

Storage:

Not available.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:

Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

Personal Protective Equipment

Eyes:

Wear safety glasses and chemical goggles if splashing is possible.

Skin:

Wear appropriate protective gloves and clothing to prevent skin exposure.

Clothing:

Wear appropriate protective clothing to minimize contact with skin.

Respirators:

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

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State	:	Solid
Color	:	Dark reddish brown powder
Odor	:	Odorless.
pH	:	8-9.5
Vapor Pressure	:	Negligible.
Viscosity	:	Not available.
Boiling Point	:	Not available.
Freezing/Melting Point	:	> 360 deg C
Autoignition Temperature	:	Not applicable.

Flash Point : Not applicable.
Explosion Limits, lower : Not available.
Explosion Limits, upper : Not available.
Decomposition Temperature : 500 deg F
Solubility in water : Slightly soluble in water.
Specific Gravity/Density : Not available.
Molecular Formula : C32H22N6O6S2Na2
Molecular Weight : 696.2902

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability:
Stable under normal temperatures and pressures.
Conditions to Avoid:
Not available.
Incompatibilities with Other Materials:
Strong oxidizing agents.
Hazardous Decomposition Products:
Nitrogen oxides, carbon monoxide, oxides of sulfur, carbon dioxide, nitrogen.
Polymerization:
Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

RTECS#:
CAS# 573-58-0: Qk1400000

LD50/LC50:
CAS# 573-58-0: Draize test, rabbit, eye: 100 mg Moderate; Oral, rat: LD50 = 15200 mg/kg.

Carcinogenicity:
C.I. DIRECT RED 28 -
Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.
See actual entry in RTECS for complete information.
Other:
Un Listed

SECTION 12 - ECOLOGICAL INFORMATION

Un Listed

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 : Not regulated.
Hazard Class :
UN Number :

Packing Group :
IMO
Shipping Name : Not regulated.
Hazard Class :
UN Number :
Packing Group :

ID/ADR
Shipping Name : Not regulated.
Hazard Class :
UN Number :
Packing Group :

SECTION 15 - REGULATORY INFORMATION

European/International Regulations
European Labeling in Accordance with EC Directives

Hazard Symbols:
XN

Risk Phrases:
R 20/21 Harmful by inhalation and in contact with skin.
R 33 Danger of cumulative effects.

Safety Phrases:
Un Listed

WGK (Water Danger/Protection)
CAS# 573-58-0: 1

United Kingdom Occupational Exposure Limits

United Kingdom Maximum Exposure Limits
Canada
CAS# 573-58-0 is listed on Canada's DSL List.
CAS# 573-58-0 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits
CAS# 573-58-0: Not available.

US FEDERAL
TSCA
CAS# 573-58-0 is listed on the TSCA inventory.

SECTION 16 - ADDITIONAL INFORMATION

The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising, even if the company has been advised of the possibility of such damages.



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