



Luminophore CF 530%

SECTION I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name Fluorescent Brightening Agent - C.I. No. FBA-134
 Trade Name Luminophore CF 530%
 CAS Number 3426-43-5
 EC Number 222-326-4

- Registration number 05-2115955405-43-0000 (REACH registration number)
- Relevant identified uses of the substance or mixture and uses advised against
- **Application of the substance / the preparation** It is used as a fluorescent brightening agent.

DETAILS OF THE SUPPLIER OF THE MATERIAL SAFETY DATA SHEET

Marketed by UNITED VENTURES
 53, Siddhivinayak, Sp-19/20, N.S. Road No-7,
 JVPD Scheme, Vile- Parle (W), Mumbai 400049, INDIA
 Tel No.: +91-22-26701144/55

Further information obtainable from:
 Tel : +91-22-26701144/55
 E-mail : Ventures.united@gmail.com

Emergency Telephone Number :
 Contact details of European importer Emergency
 Telephone number Telephone number of EU Importer: Opening hours:
 Other Comments (e.g. language(s) of the phone service): English

SECTION II. HAZARDS IDENTIFICATION

- Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008
GHS07
 Eye Irrit. 2 H319 Causes serious eye irritation.
- Classification according to Directive 67/548/EEC or Directive 1999/45/EC
Xi; Irritant
R36: Irritating to eyes
 • **Information concerning particular hazards for human and environment:** Not applicable.
- **Information concerning particular hazards for human and environment:** Not applicable.
- **Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**
 The substance is classified and labelled according to the CLP regulation.
- **Hazard pictograms :** GHS07
- **Signal word :** Warning
- **Hazard statements**
 H319 Causes serious eye irritation.
- **Precautionary statements**

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P264	Wash thoroughly after handling.
P305+P351+P338 IF IN EYES	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313	If eye irritation persists: Get medical advice/attention.
- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT :** Not applicable.
- **vPvB:** Not applicable.

SECTION III. COMPOSITION AND INFORMATION ON INGREDIENTS

- **Chemical characterization:** Substances
- **CAS No. Description**
3426-43-5 disodium 4,4'-bis[(4-anilino-6-methoxy-1,3,5-triazin-2-yl) amino]stilbene-2,2'-disulphonate
- **Identification number(s)**
EC Number : 222-326-4
- **Additional information:**

MOLECULAR FORMULA	C34H30N10O8S2.2Na
MOLECULAR WEIGHT	816.77

SECTION IV. FIRST AID MEASURES

Description of first aid measures

- **After inhalation**
Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**
If a large amount is swallowed, get medical attention.
- **Information for doctor:** Treat symptomatically and supportively.
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION V. FIRE FIGHTING MEASURES

Extinguishing media

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture :**
May produce carbon mono-oxide, carbon dioxide and nitrogen oxides (Nox).
- **Advice for firefighters**
Wear suitable protective clothing to avoid contact with skin.
Wear self-contained respiratory protective device.
- **Protective equipment**
Wear self contained breathing apparatus for fire fighting if necessary.

SECTION VI. ACCIDENTAL RELEASE MEASURES

- **Personal precautions, protective equipment and emergency procedures**
Wear protective equipment. Keep unprotected persons away. Ensure adequate ventilation
- **Environmental precautions**
Do not allow product to reach sewage system or any water course.
- **Methods and material for containment and cleaning up:**
Dispose of the material collected according to regulations.
- **Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION VII. HANDLING AND STORAGE

- **HANDLING**
- **Precautions for safe handling**
Ensure good ventilation/exhaustion at the workplace.
No special precautions are necessary if used correctly.
- **Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.
- **Conditions for safe storage, including any incompatibilities**
- **STORAGE:**
- **Requirements to be met by storerooms and receptacles:**
Store in a cool, dry, well-ventilated area away from incompatible substances.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Keep container tightly sealed.
- **Specific end use(s)** Fluorescent brightening agent



SECTION VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Control parameters**
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Exposure controls**
- **Personal protective equipment:**
 - **General protective and hygienic measures:**
 - Keep away from foodstuffs, beverages and feed.
 - Immediately remove all soiled and contaminated clothing
 - Wash hands before breaks and at the end of work.
 - Avoid contact with the eyes and skin.
- **Respiratory protection** Suitable respiratory protective device recommended
- **Protection of hands:**
 - **Use Protective gloves**
 - The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
 - Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
 - Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
 - **Material of gloves**
 - The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
 - **Penetration time of glove material**
 - The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection** Tightly sealed goggles

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form	Powder
Colour	Pale Yellow Powder
Odour	Characteristic

Change in Conditions

Melting point/Melting range	Undetermined
Boiling point/Boiling range	100-110°C

Flash point	Not applicable
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Ignition temperature:

Decomposition temperature	Not determined.
Danger of explosion	Product does not present an explosion hazard.
Density at 20°C	1.10-1.30 g/cm ³ (Bulk density)
Solubility in / Miscibility with water	Fully miscible.
Other information	Refractive index : 1.724

SECTION X. STABILITY AND REACTIVITY

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:**
 - No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions**
 - No dangerous reactions known.
- **Conditions to avoid**
 - No further relevant information available.
- **Incompatible materials**
 - No further relevant information available.
- **Hazardous decomposition products**
 - May produce oxides of carbon and nitrogen.



SECTION XI: TOXICOLOGICAL INFORMATION

- Information on toxicological effects
- Acute toxicity:
- LD/LC50 values relevant for classification:

Oral	LD50	> 15gm/kg (rat)
		> 20gm/kg (mouse)

Primary irritant effect:

- Primary irritant effect:**
- on the skin:** May cause mild skin irritation.
- on the eye:** Irritating effect.
- Sensitization** No sensitizing effects known.
- Acute effects (acute toxicity, irritation and corrosivity)**

Eye Irritation:

- Type of test** Standard Draize test
- Route of exposure** Administration into the eye
- Species** Rodent - rabbit
- Dose** 100 mg
- Reaction severity** Moderate

- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- Not listed as a carcinogen by ACGIH, IARC, NIOSH, NTP, OSHA, or CA Prop 65

SECTION XII. ECOLOGICAL INFORMATION

Aquatic Toxicity Quantitative data on the ecological effect of this product are not available

- Persistence and Degradability**
The substance is expected to be persistent in the environment
- Behaviour in environmental systems:**
- Bioaccumulative potential** The product is not expected to be bioaccumulative .
- Mobility in soil** No further relevant information available.
- Results of PBT and vPvB assessment**
PBT: Not applicable.
vPvB: Not applicable.
- Other adverse effects** No further relevant information available.

SECTION XIII. DISPOSAL CONSIDERATIONS

Waste treatment methods

- Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
Dispose off waste material according to local, state and federal regulations.
- Uncleaned packaging:**
- Recommendation:** Disposal must be made according to official regulations.

SECTION XIV. TRANSPORTATION INFORMATION

- UN-Number
- ADR, ADN, IMDG, IATA
- Void
- UN proper shipping name
- ADR, ADN, IMDG, IATA
- Void
- Transport hazard class(es)
- ADR, ADN, IMDG, IATA
- Class
- Void
- Packing group
- ADR, IMDG, IATA
- Void
- Environmental hazards:
- Marine pollutant:
- No
- Special precautions for user
- Not applicable
- Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
- Not applicable
- UN "Model Regulation"
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SECTION XV. REGULATORY INFORMATION

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- Labelling according to Regulation (EC) No 1272/2008
- Hazard pictograms Please refer section 2
- Signal word Warning
- Hazard statements Please refer section 2
- Precautionary statements Please refer section 2

• National regulations:

- Other regulations, limitations and prohibitive regulations
- Substances of very high concern (SVHC) according to REACH, Article 57

The substance is not listed as SVHC.

• Chemical safety assessment:

A Chemical Safety Assessment has not been carried out and shall be available at the time of REACH registration.

SECTION XVI. OTHER INFORMATION

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

• Department issuing MSDS:

Product safety department.

• Contact:

Tel +91-22-26701144/55
E-mail ventures.united@gmail.com

• Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous

Goods IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

GHS: Globally Harmonized System of Classification and Labelling of Chemicals EINECS: European Inventory of Existing Commercial

Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

• Sources

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006

Data from ACToR :

<http://actor.epa.gov/actor/GenericChemicalPdfServlet>

[jsessionid=BE0A3AA2F158875BD8D4D4E1AEB4B77B?casrn=3426-43-5](http://actor.epa.gov/actor/GenericChemicalPdfServlet?jsessionid=BE0A3AA2F158875BD8D4D4E1AEB4B77B?casrn=3426-43-5)

Data from Chemnet.com:

<http://www.chemnet.com/cas/en/3426-43-5/Fluorescent%20brightener%20134.html>

• * Data compared to the previous version altered.

Section 2: Hazard Identification

Section 3: composition/information of ingredients

Section 4: First-aid measures.

Section 5: Fire-fighting measures

Section 6: Accidental Release measures

Section 7: Handling and storage.

Section 8: Exposure Controls/Personal protection.

Section 9: Physical and Chemical properties.

Section 10: Stability and Reactivity.

Section 11: Toxicological Information.

Section 12: Ecological Information.

Section 13: Disposal consideration.

Section 15:Regulatory information.

