



Optical Brightener CBS-X

MSDS

POCHTECA MATERIAS PRIMAS S.A. De C.V.

Av. SAN JUAN IXHUATEPEC No. 1045 C.P. 07360 MÉXICO D.F.

FECHA DE EMISIÓN: 04/09/2018

PRÓX. FECHA DE REVISIÓN: 04/09/2019

No. DE REVISION: 01

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name:	Optical Brightener CBS-X.
Other Names:	4,4'-Bis(2-sulfostyryl)biphenyl, disodium salt; Benzenesulfonic acid, 2,2'-([1,1'-biphenyl]-4,4'-diyl-di-2,1-ethenediyl)bis-, disodium salt; Sodium salt of 4,4'-Bis (2-Disulfonic Acid Styryl) Biphenyl.
Uses	Ink cleaner
Chemical Family	No Data Available
Chemical Formula	C ₂₈ H ₂₀ Na ₂ O ₆ S ₂
Chemical Name	Optical Brightener CBS-X
Product Description	No Data Available
Datos del proveedor:	Pochteca Materias Primas SA. de CV. Av. SAN JUAN IXHUATEPEC No. 1045 C.P. 07360 MÉXICO D.F.
Para más información sobre este MSDS:	ELABORO: RESPONSABILIDAD INTEGRAL TEL. ALMACEN SAN JUAN: 57-47-45-16 Ext. 2428 y 2309. TEL. ALMACEN SAN JOSE: 57-26-90-50 Ext. 3151 TEL. CORPORATIVO: 52-78-59-00 Email: nochoa@pochteca.com.mx
Teléfono de emergencia:	044 (55) 43-86-81-83

2. HAZARDS IDENTIFICATION

Poisons Schedule (Aust): Not scheduled

Globally Harmonised System

Hazard Classification: Hazardous according to the criteria of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS):

Hazard Categories: Serious Eye Damage/Irritation - Category 2^a

Pictograms:**Signal Word:**

Warning

Hazard Statements:

H319 Causes serious eye irritation.

Precautionary Statements**Prevention**

P264 Wash hands thoroughly after handling.

P280 Wear eye protection/face protection.

Response

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.

National Transport Commission (Australia)

Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code).

Dangerous Goods Classification.

NOT Dangerous Goods according to the criteria of the Australian Code for the Transport of Dangerous Goods by Road & Rail (ADG Code).

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Chemical Entity	Formula	CAS Number	Proportion
4,4'-Bis (2-Disulfonic Acid Styryl) Biphenyl	No Data Available	27344-41-8	99.0 - 99.8 %

4. FIRST AID MEASURES

Description of necessary measures according to routes of exposure

Swallowed Immediately rinse mouth and then drink 200-300ml of water, seek medical attention.

Eye Immediately wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

Skin Wash thoroughly with soap and water. Do not use organic solvents in case of dermatitis, seek medical attention.

Inhaled Keep patient calm, remove to fresh air, seek medical attention.

Advice to Doctor Treat symptomatically based on judgement of doctor and individual reactions of patient.

Medical Conditions Aggravated by Exposure No information available on medical conditions which are aggravated from exposure to this product.

5. FIRE FIGHTING MEASURES

General Measures Clear fire area of all non-emergency personnel. Stay upwind. Keep out of low areas. Eliminate ignition sources. Move fire exposed containers from fire area if it can be done without risk.

Flammability Conditions Combustible solid

Extinguishing Media Use water spray, foam, dry powder, carbon dioxide. Do NOT use water jet.

Fire and Explosion Hazard Product is a non-flammable solid.

Hazardous Products of Combustion Carbon oxides, sulfur oxides.

Special Fire Fighting Instructions Do NOT allow fire fighting water to reach waterways, drains or sewers. Store fire fighting water for treatment.

Personal Protective Equipment Fire fighters should wear a positive-pressure self-contained breathing apparatus (SCBA) and protective fire fighting clothing (includes fire fighting helmet, coat, trousers, boots and gloves).

Flash Point 200 °C

Lower Explosion Limit No Data Available

Upper Explosion Limit No Data Available

Auto Ignition Temperature 315 °C

Hazchem Code No Data Available

6. ACCIDENTAL RELEASE MEASURES

General Response Procedure Avoid accidents, clean up immediately. Slippery when spilt. Eliminate all sources of ignition. Increase ventilation. Avoid generating dust. Stop leak if safe to do so. Isolate the danger area. Use clean, non-sparking tools and equipment.

Clean Up Procedures Contain and sweep/shovel up spills with dust binding material or use an industrial vacuum cleaner. Transfer to a suitable, labelled container and hold for safe disposal. Once pick up is complete, flush spill site with plenty of water to eliminate any residue. Hold contaminated water for disposal.

Containment Stop leak if safe to do so. Isolate the danger area.

Environmental Precautionary Measures Do NOT let product reach drains or waterways. If product does enter a waterway, advise the Environmental Protection Authority or your local Waste Management.

Evacuation Criteria Evacuate all unnecessary personnel.

Personal Precautionary Measures Personnel involved in the clean up should wear full protective clothing as listed in section 8.

7. HANDLING AND STORAGE

Handling Ensure an eye bath and safety shower are available and ready for use. Observe good personal hygiene practices and recommended procedures. Wash thoroughly after handling. Take precautionary measures against static discharges by bonding and grounding equipment. Avoid contact with eyes, skin and clothing. Do not inhale product dust/fumes.

Storage Store in a cool, dry, well-ventilated area. Keep containers tightly closed when not in use. Inspect regularly for deficiencies such as damage or leaks. Protect against physical damage. Store away from incompatible materials as listed in section 10. Keep away from food and drink. Store at room temperature. This product is not classified dangerous for transport according to The Australian Code for the Transport of Dangerous Goods By Road and Rail.

Container Store in original packaging as approved by manufacturer.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

General No exposure standard has been established for this product by the Australian Safety and Compensation Council (ASCC). However, the exposure standard for dust not otherwise specified is 10mg/m³ (for inspirable dust) and 3mg/m³ (for respirable dust).

Exposure Limits No Data Available

Biological Limits No information available on biological limit values for this product.

Engineering Measures A system of local and/or general exhaust is recommended to keep employee exposures as low as possible. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Personal Protection Equipment

RESPIRATOR: Wear a P1 or P2 particulate respirator when handling this product (AS1715/1716).

EYES: Suitable goggles or face protection (AS1336/1337).

HANDS: Suitable gloves (AS2161).

CLOTHING: Long-sleeved protective overalls and safety footwear (AS3765/2210).

Work Hygienic Practices No Data Available

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid
Appearance	Crystalline Powder
Odour	None
Colour	Yellowish Green
pH	Neutral
Vapour Pressure	No Data Available
Relative Vapour Density	No Data Available
Boiling Point	No Data Available
Melting Point	>300 °C
Freezing Point	No Data Available
Solubility	25 g/L 20°C
Specific Gravity	1.414 g/cm ³
Flash Point	200 °C
Auto Ignition Temp	315 °C
Evaporation Rate	No Data Available
Bulk Density	No Data Available
Corrosion Rate	No Data Available
Decomposition Temperature	No Data Available
Density	No Data Available
Specific Heat	No Data Available
Molecular Weight	562.56
Net Propellant Weight	No Data Available
Octanol Water Coefficient	No Data Available
Particle Size	No Data Available
Partition Coefficient	No Data Available
Saturated Vapour Concentration	No Data Available

Vapour Temperature	No Data Available
Viscosity	No Data Available
Volatile Percent	No Data Available
VOC Volume	No Data Available
Additional Characteristics	No Data Available
Potential for Dust Explosion	Avoid dust formation. Take precautionary measures against static discharges.
Fast or Intensely Burning Characteristics	No Data Available
Flame Propagation or Burning Rate of Solid Materials	No Data Available
Non-Flammables That Could Contribute Unusual Hazards to a Fire	No Data Available
Properties That May Initiate or Contribute to Fire Intensity	No Data Available
Reactions That Release Gases or Vapours	No Data Available
Release of Invisible Flammable Vapours and Gases	No Data Available

10. STABILITY AND REACTIVITY

Chemical Stability	Product is stable under normal conditions of use, storage and temperature.
Conditions to Avoid	Avoid static discharges.
Materials to Avoid	Incompatible with strong acids, strong bases, strong oxidising agents.
Hazardous Decomposition Products	Thermal decomposition or burning may release oxides of carbon and other toxic gases or vapours.
Hazardous Polymerisation	Has not been reported.

11. TOXICOLOGICAL PROPERTIES

General Information	Oral LD50 Rat: >2000 mg/Kg bw Dermal LD50, Rabbit >2000 mg/kg bw
Eyelrritant	Causes serious eye irritation.
Carcinogen Category	No Data Available

12. ECOLOGICAL INFORMATION

Ecotoxicity	Acute toxicity
Persistence/Degradability	Under test, no bio degradation observed.
Mobility	Practically insoluble in water.
Environmental Fate	Do NOT let product reach waterways, drains and sewers.
Bioaccumulation Potential	BCF <1, concentrations in fish were lower than in water in every single case.
Environmental Impact	No Data Available

13. DISPOSAL CONSIDERATIONS

General Information: Dispose of in accordance with all local, state and federal regulations. All empty packaging should be disposed of in accordance with Local, State and Federal Regulations or recycled/reconditioned at an approved facility.

Special Precautions for Land Fill:

Contact a specialist disposal company or the local waste regulator for advice.

14. TRANSPORTATION INFORMATION

Transporte por tierra	
USDOT	Mercancía no peligrosa según los criterios de la
reglamentación del transporte	
Transporte marítimo por barco IMDG	Sea transport
IMDG	IMDG
Mercancía no peligrosa según los criterios de la reglamentación del transporte	
Transporte aéreo	Air transport
IATA/ICAO	IATA/ICAO
Mercancía no peligrosa según los criterios de la reglamentación del transporte	

15. REGULATORY INFORMATION

Reglamentaciones federales**Situación del registro:**

Producto químico TSCA, US autorizado / inscrito

EPCRA 311/312 (categorías de peligro): Agudo;

CERCLA RQ

100 LBS

Número CAS

68-12-2

Nombre químico

N,N-dimetilformamida

CA Prop. 65:

Este producto no contiene sustancias listadas.

NFPA Código de peligro:

Salud : 2

Fuego: 1

Reactividad: 0

Especial:

HMIS III Clasificación

Salud: 2

Flamabilidad: 1

Riesgos físicos: 0

16. OTHER INFORMATION**RENUNCIA DE RESPONSABILIDADES**

La información anterior está basada en datos disponibles la cual se cree ser correcta. Sin embargo, ninguna garantía de comerciabilidad, aptitud para cualquier uso o alguna otra garantía está expresada o implicada con respecto a la exactitud de dicha información, los resultados a obtener de su uso, los riesgos relacionados con el uso de material o algún otro uso no infringirá ninguna patente, ya que la información contenida aquí dentro puede ser aplicada bajo condiciones fuera de nuestro control y con las que no podemos estar familiarizados; no asumimos alguna responsabilidad del resultado de su uso. Esta información está ajustada sobre las condiciones que la persona que la reciba de hacer bajo sus propias determinaciones de la adaptabilidad del material para su trabajo en particular.