

LONGBRITE CBS

1. Identification of the substance / Preparation and Company

1.1 Commercial Product Name: LONGBRITE CBS

1.2 Company undertaking identification

Manufacturer: **LONGCHEM C & S International Corp.**

Identification of the company:

**No.46, Dou-Kung 2 Rd, Dou-Liu City,
Yun-Lin Hsien, 64069 Taiwan, R.O.C.
Telephone number: 886-5-557-4403**

2. Hazardous Identification

Hazard symbol: warning

Classification system

GHS ratings

Acute toxicity(oral)	5
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3. Composition/Information on Ingredient

3.1 Chemistry name: Disodium 2,2'-([1,1'-biphenyl]-4,4'-diyldivynylene)
bis(benzenesulphonate)

3.2 CAS No.: 27344-41-8

3.3 EINECS No.: 248-421-0

4. First Aid Measures

4.1 Skin contact: Remove contaminated clothing and flush with large amount of water

4.2 Eye contact: Rinse immediately with plenty of water for at least 15 minutes. In case of eye irritation, seek medical attention.

4.3 Inhalation: Remove to fresh air.

4.4 Ingestion: seek medical attention.

5. Fire Fighting Measures

5.1 Suitable extinguishing media: Water spray, Carbon dioxide (CO₂), Foam, Dry powder.

- 5.2 Extinguishing media which must not be used for safety reasons: High volume water jet
- 5.3 Exposure hazards: Contaminated water from fire hoses or sprinklers, etc., must be prevented from draining into watercourses, sewers, or the ground water. Sufficient measures must be taken to retain water used for extinguishing. Contaminated water and soil must be disposed of in conformity with local regulations.

6. Accidental Release Measures

Wear dust mask.
Shovel into approved disposal container.
Vacuum contaminated area.
Avoid creating dusty conditions.

7. Handling and Storage

- 7.1 Handling: Avoid dust formation and ignition sources. Ensure good local exhaust ventilation. Do not eat, drink or smoke at the workplace.
- 7.2 Storage: Keep away from food and drink. Store in the original container securely closed.
- 7.3 Protect from heat. Danger! Explosion risk. Risk of explosion if an air-dust mixture forms. Avoid creating dusty conditions. Empty only into earthed containers. If container is larger than 2000 liter in volume, or when flammable solvents are present inert container or use a system otherwise designed to prevent or contain an explosion -- seek expert advice.

8. Exposure Controls / Personal Protection

- 8.1 Respiratory Protection: In case of exposure, use appropriate NOISH approved respiratory protective equipment
- 8.2 Ventilation: Recommended
- 8.3 Hand protection: Impermeable gloves to minimize skin contact
- 8.4 Eye protection: Chemical goggles
- 8.5 Other protection equipment: Eye wash fountain, safety shower. Wash contaminated clothing before re-use

9. Physical / Chemical Properties

- 9.1 Appearance: Yellow green powder
- 9.2 Odor: Odorless
- 9.3 Sense of Smell Valve : —
- 9.4 pH value (3g / liter water) : —
- 9.5 Melting Point : 216~222 °C

- 9.6 Boiling point : —
- 9.7 Flammability(Solid,Gas) : —
- 9.8 Decomposition Temperature : —
- 9.9 Flash point : —
- 9.10 Autoignition Temperature : —
- 9.11 Explosion Limits : —
- 9.12 Vapour Pressure : —
- 9.13 Vapour Density : —
- 9.14 Water solubility : 25g/L @20 °C , 300g/L @95 °C
- 9.15 Log Kow : —
- 9.16 Volatility : 0.3 % Max
- 9.17 Molecular Weight: 563 g/mol

10.Stability and Reactivity

- 10.1 Stability: stable
- 10.2 Hazardous Decomposition products: oxides of carbon. Nitrogen or sulfur
- 10.3 Conditions to avoid: N/R
- 10.4 Hazardous polymerization indicator: No

11.Toxicological Information

- 11.1 LD₅₀ (oral) : >5,000 mg / kg
- 11.2 Skin irritation tested on rabbits: irritant
- 11.3 Eye irritation ordination tested on rabbits: irritant
- 11.4 Skin sensitization on guinea pigs: Not test

12.Ecological Information

Do not discharge product unmonitored into the environment.

13.Disposal Considerations

- 13.1 Waste from residues/unused products: Residual chemical should be disposed by incineration or by other modes of disposal in compliance with local legislation.
- 13.2 Contaminated packaging: Contaminated packaging material should be treated equivalent to residual chemical. Clean packaging material should be subjected to waste management schemes (recovery recycling, reuse) according to local legislation.

14.Transport Information

Proper Shipping Name: None

14.1 ICAO/IATA (air transport): Not regulated and restricted.

Prevent from falling, dropping and damage.

14.2 IMDG (maritime transport): Not regulated and restricted.

14.3 ADR/RID (land transport): Not regulated and restricted.

15. Regulatory Information

15.1

H-CODES	H315 + H320	Causes skin and eye irritation.
P-CODES	P234	Keep only in original container.
	P262	Do not get in eyes, on skin, or on clothing.

15.2 TSCA Inventory Status: Yes

15.3 The new classification and labelling system according to CLP regulation (EC) No 1272/2008

16. Others

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) in terms of the legal warranty regulations.