



CSFC TAIWAN ENTERPRISE CORPORATION

Head Office: 3F, No. 14, Cuizhu North Road, Yangzhong, Jiangsu, China
Tel: +86-511-88365501 Fax: +86-511-88350971 Post code: 212200
Homepage: www.csfchem.com

MATERIAL SAFETY DATA SHEET CSFC 300

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SECTION 1 IDENTIFICATION OF THE SUBSTANCE

Product name CSFC 300
Chemical identification 4,4'-Thiobis(2-tert-butyl-5-methylphenol)
CAS Number 96-69-5

SECTION 2 COMPOSITION/INFORMATION ON INGREDIENTS

CAS Number	Product Name	Symbols	R-Phrase(s)
96-69-5	4,4'-Thiobis(2-tert-butyl-5-methylphenol)	Xi-N	R36/37 – R50/53

SECTION 3 HAZARDS IDENTIFICATION

Classified as hazardous according to the EU directives

Xi Irritant

N Dangerous for the environment

Irritating to eyes and respiratory system

Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

SECTION 4 FIRST AID MEASURES

Skin contact

Wash off with soap and plenty of water. Do not use organic solvents.

Eye contact

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

Inhalation

Move to fresh air. In case of irritation of respiratory system or mucous membranes, seek medical attention. In case of indisposition, seek medical attention. In case of prolonged exposure, seek medical attention.

Ingestion Get medical aid.

SECTION 5 FIRE-FIGHTING MEASURES

Suitable extinguishing media

Dry chemical, sandy soil, chemical foam or carbon

Specific hazards

Burning produces obnoxious and toxic fumes.



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SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions

Do not breathe vapours/dust. Remove all sources of ignition. Avoid contact with skin, eyes and clothing.

Environmental precautions

Do not flush into surface water, sanitary sewer or ground water system.

Methods for cleaning up

Use mechanical handling equipment. Collect the spilled product into suitable containers, which must be tightly sealed and properly labelled. Avoid dust formation

SECTION 7 HANDLING AND STORAGE

Handling

Avoid contact with skin, eyes and clothing. Process machine must be fitted with local exhaust ventilation.

Storage

Store in a cool, well-ventilated area. Keep away from ignition sources, heat and flame. Store in a tightly container.

Incompatibilities

Strong oxidants, combustible material

SECTION 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace

Engineering measures: Ensure adequate ventilation

Respiratory protection: Wear mask or gas mask for dust-proof

Hand protection: Rubber gloves

Eye protection: Chemical safety goggles or filtering gas mask

Skin and body protection: Anti-electrostatic clothing

General safety and hygiene Measures: Avoid inhalation of vapour. Wash hands before breaks and immediately after handling the products.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Form	powder
Colour	white
Melting/freezing temperature	160-164 °C
Loss on drying	0.1% max
Ash content	0.05% max
Fe content	10ppm max
Chloride	0.20% max
Fineness (residue on 425um)	0.50% max

SECTION 10 STABILITY AND REACTIVITY

Conditions to avoid Keep away from ignition sources, heat and flame.



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Materials to avoid Strong oxidants, combustible material

Hazardous decomposition products SO₂, CO₂, CO

SECTION 11 TOXICOLOGICAL INFORMATION

Acute oral toxicity LD₅₀ > 5000 mg/kg

Rat

Primary irritation (skin/eyes) None

Sensitization None

SECTION 12 ECOLOGICAL INFORMATION

Mobility No data available.

Persistence and degradability No data available.

Bioaccumulation No data available.

Ecotoxicity effects No data available.

SECTION 13 DISPOSAL CONSIDERATIONS

Waste from residues / unused products

Residual chemical should be disposed by incineration or by other modes of disposal in compliance with local legislation.

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

SECTION 14 TRANSPORT INFORMATION

Flash point Not tested

ADR/RID No data available

Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

SECTION 15 REGULATORY INFORMATION

EC-Number 202-525-2

Classification Self-classification

Symbols Xi Irritant

N Dangerous for environment

R-Phrase(s)

R36/37 irritating to eyes and respiratory system

R50/53 very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

S-Phrase(s)

S22 Do not breathe dust

S25 Avoid contact with eyes

S60 This material and/or its container must be disposed of as hazardous waste.



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S61 Avoid release to the environment. Refer to special instructions/Safety data sheets

SECTION 16 OTHER INFORMATION

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