MATERIAL SAFETY DATA SHEET

Date Last revised 06/10/2021

MSDS - 25

Chemical Name & Synonyms 3,4,4'-trichlorocarbanilide Chemical Family Chemical Antiseptic Chemical Antiseptic Crishoclars Cris	SECTION 1. General Information			
3,4,4'-trichlorocarbanilide Chemical Family Chemical Antiseptic Proper IMO IMDG CODE Shipping N/A Manufacturer Ningbo Century Times Import And Export Co., Ltd Manufacturer's Address No. 488, Zhenming Rd, Ningbo, China SECTION 2. Ingredients Principal Components Percent Threshold Limit Value (Units) TCC □ ≥98.0% DCC T4CC TAB SECTION 3. Hazards Identification This substance is considered to be non-hazardous for transport SECTION 4. Physical Data Boiling Point(Deg.F.) N/A Vapor Pressure(mm Hg) N/A Vapor Density(Air=1) N/A Solubility in Water Insoluble in water. Appearance & Odor white to grey white powder; Odorless SECTION 5. Fire & Explosion Data Flammable Limits LEL UEL	Chemical Name & Synonyms	Trade Name	e & Synonyms	
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Not Determined Flammable Limits LEL UEL	SECTION 5. Fire & Explosion Data			
Flammable Limits LEL UEL				
		UEL		

Extinguishing Media Water, AFFF Protein, Dry Chemical Special Fire Fighting Measures: Water Spray, carbon-dioxide, Dry chemical powder or appropriate foam. **SECTION 6. Toxicological information** Toxicity Data: Intrapertoneal-mouse lethal dose 50 percent kill at 2100 milligram/kilogram. **SECTION 7. Exposure control** Unusual Fire & Explosion Hazards: product may burn if an ignition source is present. Irritating, or toxic substances will be emitted upon burning, combustion, or decomposition. Protect product from flames of any kind; maintain proper clearance when using heat devices, etc. Hydrogen chloride, a combustion product of chlorinated hydrocarbons, has a corrosive effect on many metals. Affected surfaces should be washed with a detergent-based water solution. **SECTION 8. Health Data** Non-irritating to eyes, respiratory system and skin. No any ill effects on inhalation, ingestion &skin absorption. **SECTION 9. Accidental Release Measures** Symptoms of exposure to decomposition or combustion Irritation of the eyes and respiratory tract. Nausea, Headache, dizziness, vomiting, dry throat, abdominal pain. Medical Conditions Aggravated by Exposure None known, however, seek medical attention if constant irritation occurs. If thermal decomposition occurs, upper respiratory, eye, nose, throat and abdominal irritation may result. Primary Route(s) of Entry Inhalation of particulates during melt processing or thermal decomposition. **SECTION 10. First – Aid Measure** TCC has no harm, no irritating and allergy to skin, and has high safety to environment TCC according to referential dosage would not cause any bad reaction to users. In case of contact with skin and eyes, there is no any danger (Hazard). Wash with soap and plenty of water. **SECTION 11. Reactivity Data** STABILITY Conditions To Avoid Unstable

Hazardous ___ May Occur
Polymerization _X Will Not Occur

Decomposition Products
Carbon monoxide, carbon dioxide, hydrogen chloride, hydrocarbons, organic

None Known

Materials To Avoid

X stable

INCOMPATABILITY

Carbon monoxide, carbon dioxide, hydrogen chloride, hydrocarbons, organic compounds.

SECTION 12 Environmental Protection Procedures

Spill Response

Sweep up for Disposal or reuse.

Waste Disposal Method

Dispose of in accordance with Federal, State and Local regulations. Not hazardous using TCLP-40 CFR 261 App. II

SECTION 13 Special Protection Information

Eye Protection

Skin Protection

Glasses with side shields.

Respiratory protection (Specific Type) – NIOSH approved chemical respirator recommended. If material is being, heated, wear an organic respirator.

Ventilation Recommended – Local ventilation in dusty conditions or if thermal decomposition occurs.

Other Protection

Gloves and protective garments when handling molten material.

SECTION 14. TRANSPORTATION INFORMATION

TRANSPORT BY SEA IMDG:

3,4,4'-trichlorocarbanilide is not a Marine Pollutant and suitable for marine shipment according to IMO IMDG CODE.

SECTION 15. DISPOSAL CONSIDERATION

Mix TCC with combustible solvent and incinerate. Observe all state / local environment regulation.

SECTION 16. Handling and Storage

Keep tightly closed. Store in cool & dry place. Away from direct of sunlight. Keep away from heat and open flame. Wear appropriate respirator, gloves, safety goggles and protective clothing white hading.

NFPA Code: Fire 1, Health 2, Reactivity 0 HMIS Code: Fire 1, Health 0, Reactivity 0

N.A. = Not Applicable N.E. = Not Established