



Tianjin Pool & Spa Corporation
2701-2711 Garfield Avenue
Commerce, CA 90040

SAFETY DATA SHEET

Emergency Telephone Number:

For all accidents on road please contact INFOTRAC at

800-535-5053

Company Telephone Number:

626-571-1885

Brand Name: POOLINE SUPER DICHLOR 56

EPA Registration Number: 88346-1

SECTION 1 IDENTIFICATION

Item Name: SODIUM DICHLOROISOCYANURATE DIHYDRATE

Synonyms: SODIUM DICHLORO-S-TRIAZINETRIONE DIHYDRATE; DICHLOR DIHYDRATE; 1,3,5-TRIAZINE-2,4,6(1H,3H,5H)-TRIONE, 1,3-DICHLORO-, SODIUM SALT DIHYDRATE; TROCLOSENE SO DIUM, DIHYDRATE; SDCC DIHYDRATE; NaDCC DIHYDRATE

Product Use: ALGAECIDE, MICROBIOCIDE/MICROBIOSTAT, DISINFECTANT, SANITIZER, BACTERICIDE, FUNGICIDE, BLEACHING AGENT

MSDS Serial Number: CHSDI

Net Unit Weight: SUPERSACKS in 2,204.6 AND 2,000 LBS, PLASTIC PAIL, BOTTLES AND BAGS IN 110, 55, 50, 40, 35, 30, 25, 20, 15, 10, 8, 5, 4, 2 AND 1 LB (S)

Tianjin Pool & Spa Corporation
2701-2711 Garfield Avenue
Commerce, CA 90040

Company Emerg. Ph #: 1-800-535-5053

Company Info Ph #: 626-571-1885

SECTION 2 HAZARDS IDENTIFICATION

Appearance And Odor: WHITE GRANULAR - SLIGHT ODOR

Solubility In Water: COMPLETELY

Physical State: SOLID

Color: WHITE

Physical Form: CRYSTALS, GRANULES

Odor: CHLORINE ODOR

Molecular Weight: 256.0

Molecular Formula: $C_3N_3O_3Cl_2Na \cdot 2H_2O$

Boiling Point: NOT APPLICABLE

Melting Point: DECOMPOSES WITHOUT MELTING

Decomposition Point: 464 F (240 C) (DEHYDRATES@ 104-212 F (40-100 C))

Vapor Pressure: NOT AVAILABLE

Vapor Density: NOT AVAILABLE

Specific Gravity (water=1): 1.95 @ 25 C (gm/L)

Bulk Density: 56-60 lbs/ft³ (LOOSE)

Water Solubility: 28 g/100 g @ 25 C

pH: 6-7 @ 25 C (1% SOLUTION)

Volatility: NOT AVAILABLE

Odor Threshold: NOT AVAILABLE

Evaporation Rate: NOT AVAILABLE

Coefficient of Water/Oil Distribution: POW=0

POOLINE SUPER DICHLOR 56

REVISION DATE :11/16/2016



Tianjin Pool & Spa Corporation
2701-2711 Garfield Avenue
Commerce, CA 90040

SAFETY DATA SHEET

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Proprietary: NO

Ingredient: SODIUM DICHLORO-S-TRIAZINETRIONE DIHYDRATE

Ingredient Sequence Number: 01

Percent: 99%

NIOSH (RTECS) Number: XZ1900000

CAS Number: 51580-86-0

Proprietary: NO

Ingredient: SODIUM CHLORIDE

Ingredient Sequence Number: 02

Percentage: 1%

CAS Number: 7647-14-5.

SECTION 5 FIRE - FIGHTING MEASURES

Extinguishing Media: FLOOD WITH WATER. DO NOT USE DRY CHEMICALS, CARBON DIOXIDE OR HALOGENATED EXTINGUISHING AGENTS.

Special Fire Fighting Proc: THERMAL DECOMPOSITION CAN BE EXTINGUISHED BY FLOODING W/LARGE AMOUNTS OF WATER. WEAR FULL PROTECTIVE CLOTHING/SCBA. CONSIDER EVACUATION OF PERSONNEL LOCATED DOWNWIND. KEEP UNNECESSARY PEOPLE AWAY, ISOLATE HAZARD AREA AND DENY ENTRY. MOVE CONTAINER FROM FIRE AREA IF IT CAN BE DONE WITHOUT RISK. AVOID INHALATION OF MATERIAL OR COMBUSTION BY-PRODUCTS. STAY UPWIND AND KEEP OUT OF LOW AREAS. WEAR NIOSH APPROVED POSITIVE-PRESSURE SELF-CONTAINED BREATHING APPARATUS IN PRESSURE-DEMAND MODE. MATERIAL WHICH APPEARS UNDAMAGED EXCEPT FOR BEING DAMP ON THE OUTSIDE SHOULD BE OPENED AND INSPECTED IMMEDIATELY. DO NOT ATTEMPT TO RESEAL CONTAMINATED DRUMS. DAMP MATERIAL SHOULD BE NEUTRALIZED TO A NON-OXIDIZING STATE. CONTACT EMERGENCY NUMBER FOR INSTRUCTIONS FOR HANDLING AND DISPOSAL OF DAMP MATERIAL.

Fire and Explosion Hazards: NEGLIGIBLE FIRE HAZARD. IF HEATED BY OURSITE SOURCE TO TEMPERATURES ABOVE 240 C (464 F), THIS PRODUCT WILL UNDERGO SELF-SUBSTAINING DECOMPOSITION WITH THE EVOLUTION OF NOXIOUS GASES BUT NO VISIBLE FLAME. WET MATERIAL MAY GENERATE NITROGEN TRICHLORIDE, AN EXPLOSION HAZARD.

Sensitivity to Mechanical Impact: NOT SENSITIVE

Sensitivity to Static Discharge: NOT SENSITIVE

Hazardous Combustion Products: THERMAL DECOMPOSITION OR COMBUSTION PRODUCTS: CHLORINE, NITROGEN, NITROGEN TRICHLORIDE, CYANOGEN CHLORIDE, OXIDES OF CARBON, PHOSGENE

SECTION 6 ACCIDENTAL RELEASE MEASURES

SECTION 7 HANDLING AND STORAGE

Steps If Matl Released/Spill:

KEEP SPILLED MATERIAL DRY. SWEEP, SCOOP, OR VACUUM SPILLED MATERIALS AND PLACE IN CLEAN, DRY CONTAINERS FOR DISPOSAL. COMPLETE CLEANUP ON A DRY BASIS.

Waste Disposal Method: KEEP OUT OF SEWERS, WATER SHEDS, & WATER SYSTEMS. DISPOSE OF IN ACCORDANCE W/ALL LOCAL, STATE, & FEDERAL REGULATIONS.

Precautions-Handling/Storing: KEEP CONTAINERS TIGHTLY CLOSED. STORE



Tianjin Pool & Spa Corporation
2701-2711 Garfield Avenue
Commerce, CA 90040

SAFETY DATA SHEET

IN COOL DRY AREA. DON'T ALLOW WATER TO GET INTO CONTAINERS.

KEEP CONTAINER OFF OF WET FLOORS.

Other Precautions: KEEP CONTAINERS OUT OF DIRECT SUNLIGHT.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory Protection: DUST MASK.

Ventilation: USE ONLY IN WELL VENTILATED AREAS. PROVIDE LOCAL EXHAUST VENTILATION WHERE DUST OR MIST MAY BE GENERATED. ENSURE COMPLIANCE WITH APPLICABLE EXPOSURE LIMITS.

Protective Gloves: IMPERVIOUS

Eye Protection: FACE SHIELD

Other Protective Equipment: LONG SLEEVE CLOTHING. APRON, RUBBER/PLASTIC.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

LD50-LC50 Mixture: ORAL LD50 RATS 700 MG/KG-SLIGHTLY TOXIC

Route Of Entry - Inhalation: YES

Route Of Entry - Skin: YES

Route Of Entry - Ingestion: YES

Health Haz Acute And Chronic: EYE: MAY CAUSE REDDENING.

SKIN: BURNING OR REDDENING.

INHALATION: IRRITATION TO NOSE & THROAT.

Carcinogenicity - NTP: NO

Carcinogenicity - IARC: NO

Carcinogenicity - OSHA: NO

Explanation Carcinogenicity: NONE

Signs/Symptoms Of Overexp: EYE: MAY CAUSE REDDENING DAMAGE.

SKIN: BURNING OR REDDENING.

INHALATION: IRRITATION TO NOSE AND THROAT.

Emergency/First Aid Proc: EYES/SKIN: FLUSH W/WATER FOR 15 MINS. IF REDNESS OR PAIN PERSISTS, SEE PHYSICIAN.

INGESTION: DRINK MILK OR RAW EGG WHITES.

CALL A PHYSICIAN. INHALATION: REMOVE TO FRESH AIR.

SECTION 10 STABILITY AND REACTIVITY

Materials To Avoid: ALKALI/ACIDS, MOISTURE/HIGH HUMIDITY, & OTHER ORGANIC NITROGEN COMPOUNDS.

Reactivity: STABLE AT NORMAL TEMPERATURES AND PRESSURE.

Conditions to Avoid: HIGH TEMPERATURE, MOISTURE/HIGH HUMIDITY, & DIRECT SUNLIGHT. DO NOT GET WATER INSIDE CONTAINER. WET MATERIAL MAY GENERATE NITROGEN TRICHLORIDE, AN EXPLOSION HAZARD. AVOID CONTACT WITH EASILY OXIDIZABLE ORGANIC MATERIAL.

Incompatibilities: ACID, AMMONIA, BASES, FLOOR SWEEPING COMPOUNDS, CALCIUM HYPOCHLORITE, REDUCING AGENTS, ORGANIC SOLVENTS AND COMPOUNDS.

Hazardous Combustion Products: THERMAL DECOMPOSITION OR COMBUSTION PRODUCTS: CHLORINE, NITROGEN, NITROGEN TRICHLORIDE, CYANOGEN CHLORIDE, OXIDES OF CARBON, PHOSGENE

POLYMERIZATION: Will not polymerize.

SECTION 13 DISPOSAL CONSIDERATIONS

POOLINE SUPER DICHLOR 56

REVISION DATE :11/16/2016



Tianjin Pool & Spa Corporation
2701-2711 Garfield Avenue
Commerce, CA 90040

SAFETY DATA SHEET

{HOUSEHOLD/RESIDENTIAL INSTRUCTIONS}

NONREFILLABLE CONTAINER. DO NOT REUSE OR REFILL THIS CONTAINER.

IF EMPTY: PLACE IN TRASH OR OFFER FOR RECYCLING, IF AVAILABLE.

IF PARTLY FILLED: CALL YOUR LOCAL SOLID WASTE AGENCY FOR DISPOSAL INSTRUCTIONS. NEVER PLACE UNUSED PRODUCT DOWN ANY INDOOR OR OUTDOOR DRAIN.

{NON-HOUSEHOLD/NON-RESIDENTIAL RESIDUE REMOVAL INSTRUCTIONS FOR RIGID NONREFILLABLE CONTAINERS EQUAL TO OR LESS THAN 50 LBS.}NONREFILLABLE CONTAINER. DO NOT REUSE OR REFILL THIS CONTAINER. CLEAN CONTAINER PROMPTLY AFTER EMPTYING. TRIPLE RINSE AS FOLLOWS: EMPTY THE REMAINING CONTENTS INTO APPLICATION EQUIPMENT OR A MIX TANK. FILL THE CONTAINER $\frac{1}{4}$ FULL WITH WATER AND RECAP. SHAKE FOR 10 SECONDS. POUR RINSATE INTO APPLICATION EQUIPMENT OR A MIX TANK OR STORE RINSATE FOR LATER USE OR DISPOSAL. DRAIN FOR 10 SECONDS AFTER THE FLOW BEGINS TO DRIP. REPEAT THIS PROCEDURE TWO MORE TIMES. OFFER FOR RECYCLING, IF AVAILABLE.

{NON-HOUSEHOLD/NON-RESIDENTIAL RESIDUE REMOVAL INSTRUCTIONS FOR RIGID NONREFILLABLE CONTAINERS GREATER THAN 50 LBS.}NONREFILLABLE CONTAINER. DO NOT REUSE OR REFILL THIS CONTAINER. CLEAN CONTAINER PROMPTLY AFTER EMPTYING. TRIPLE RINSE AS FOLLOWS: EMPTY THE REMAINING CONTENTS INTO APPLICATION EQUIPMENT OR A MIX TANK. FILL THE CONTAINER $\frac{1}{4}$ FULL WITH WATER. REPLACE AND TIGHTEN CLOSURES. TIP CONTAINER ON ITS SIDE AND ROLL IT BACK AND FORTH, ENSURING AT LEAST ONE COMPLETE REVOLUTION, FOR 30 SECONDS. STAND THE CONTAINER ON ITS END AND TIP IT BACK AND FORTH SEVERAL TIMES. TURN THE CONTAINER OVER ONTO ITS OTHER END AND TIP IT BACK AND FORTH SEVERAL TIMES. EMPTY THE RINSATE INTO APPLICATION EQUIPMENT OR A MIX TANK OR STORE RINSATE FOR LATER USE OR DISPOSAL. REPEAT THIS PROCEDURE TWO MORE TIMES. OFFER FOR RECYCLING, IF AVAILABLE.

SECTION 14 TRANSPORT INFORMATION

U.S. DOT 49 CFR 172.101:

Proper Shipping Name: ENVRONMENTALLY HAZARDOUS SUBSTANCES, SOLID N.O.S. (SODIUM DICHLOROISOCYANURATE DIHYDRATE)

ID Number: UN3077

Hazard Class or Division: 9

Packing Group: III

Labeling Requirements: 9

Marine Pollutant: SODIUM DICHLOROISOCYANURATE DIHYDRATE

SECTION 16 OTHER INFORMATION

Label Required: YES

Special Hazard Precautions: EYE: MAY CAUSE REDDENING.

SKIN: BURNING OR REDDENING.

INHALATION: IRRITATION TO NOSE & THROAT.

Label Name: POOLINE SUPER DICHLOR 56

Label Country: CHINA