

Infosafe No™ VAR4M	Issue Date : November 2024	ISSUED by MILESTON
Product Name <b>TANGO POWDER</b>		

## Section 1 - Identification

<b>Product Identifier</b>	TANGO POWDER
<b>Company Name</b>	Milestone Chemicals Pty. Ltd. (ABN 85115166357)
<b>Address</b>	115 Northern Road West Heidelberg VIC 3081 AUSTRALIA
<b>Telephone/Fax Number</b>	Tel: (03) 9450 4555 Fax: (03) 9457 5518
<b>Emergency Phone Number</b>	(03) 9450 4555 Mon-Fri 8am - 6pm
<b>Recommended use of the chemical and restrictions on use</b>	Chlorinated machine dishwash powder containing rinse aid.

## Section 2 - Hazard(s) Identification

<b>GHS Classification of the Substance/Mixture</b>	Skin corrosion/irritation: Category 1B Specific target organ toxicity (single exposure): Category 3 (Respiratory tract irritation)
<b>Signal Word</b>	DANGER
<b>Hazard Statement (s)</b>	H314 Causes severe skin burns and eye damage. H335 May cause respiratory irritation.
<b>Pictogram (s)</b>	Corrosion, Exclamation mark



<b>Precautionary Statement – Prevention</b>	P260 Do not breathe dust/fume/gas/mist/vapours/spray. P264 Wash contaminated skin thoroughly after handling. P271 Use only outdoors or in a well-ventilated area. P280(f) Wear protective gloves/protective clothing/eye protection/face protection.
<b>Precautionary Statement – Response</b>	P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower]. P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P312 Call a POISON CENTER/doctor if you feel unwell. P363 Wash contaminated clothing before reuse.
<b>Precautionary Statement – Storage</b>	P405 Store locked up.
<b>Precautionary Statement – Disposal</b>	P501 Dispose of contents/container: Recycle packaging by replacing cap and returning clean containers to recycler or designated collection point.
<b>Precautionary Statement – General</b>	P102 Keep out of reach of children. P103 Read carefully and follow all instructions.

## Section 3 - Composition and Information on Ingredients

Ingredients	Name	CAS	Proportion
	Ingredients determined not to be hazardous		30-60 %
	Disodium metasilicate	6834-92-0	30-60 %
	Sodium carbonate	497-19-8	10-30 %
	Non hazardous surfactants	Mixture	0-10 %

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Dichloro-1,3,5-triazinet rione, sodium salt	2893-78-9	0-10 %
Sodium hydroxide	1310-73-2	1.6%

## Section 4 - First Aid Measures

<b>Inhalation</b>	Remove from exposure, rest and keep warm. Unless exposure has been slight, obtain medical attention.
<b>Ingestion</b>	If swallowed, do NOT induce vomiting. Give a glass of water to be taken slowly. Obtain medical attention.
<b>Skin</b>	If skin contact occurs, remove contaminated clothing and wash skin thoroughly. Wash clothing before re-use. If symptoms of irritation persist, see a doctor.
<b>Eye</b>	If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.
<b>First Aid Facilities</b>	Eye wash. Hand wash basin.
<b>Advice to Doctor</b>	Product contains a low proportion of sodium hydroxide, disodium metasilicate and SDIC. Vomiting has not been induced because of risk of aspiration into the lungs. If swallowed, may cause holes in stomach and intestines. Evacuation of stomach should not be attempted. Contact Poisons Information Centre.

## Section 5 - Firefighting Measures

<b>Suitable Extinguishing Media</b>	Use dry chemical, carbon dioxide, foam or water fog.
<b>Hazards from Combustion Products</b>	Carbon dioxide, water vapour, sodium carbonate, oxides of sulphur, chlorine, sodium hypochlorite, cyanuric acid.
<b>Special Protective Equipment for Firefighters</b>	Self-contained breathing apparatus (SCBA) required for fire-fighting personnel. If possible to do so safely, shut off fuel to fire. Use water spray to spray to cool fire-exposed surfaces and to protect personnel.
<b>Specific Hazards Arising from the Chemical</b>	Not flammable. Contact with aluminium, tin, zinc or galvanised iron may generate hydrogen, a flammable gas. Will react vigorously or violently with acids, generating much heat, and giving off carbon dioxide, a simple asphyxiant and chlorine gas, a toxic gas. Contact with ammonium compounds will generate ammonia, a poisonous gas. If tanks, drums or containers of this material are heated, they may rupture and project corrosive materials over a wide area.
<b>Hazchem Code</b>	2X

## Section 6 - Accidental Release Measures

<b>Spills &amp; Disposal</b>	Disposal of small spillages only. For large spillages liquids should be contained using sand or earth, and both liquids and solids then transferred to salvage containers. Residues should be treated as for small spillages. CAUTION: Before dealing with spillage take necessary protective measures, inform others to keep at a safe distance and, for flammable materials, shut off all possible sources of ignition. CARE! Spillages will be slippery when wet. If local regulations permit, mop up with plenty of water and run to waste, diluting greatly with running water. Otherwise transfer to container and arrange removal by disposals company. Wash site of spillage thoroughly with water.
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## Section 7 - Handling and Storage

<b>Conditions for safe storage, including any incompatibilities</b>	Store in a cool, dry, well ventilated place, out of reach of children. Large quantities should be stored in a dangerous goods store. Store in original container. Keep container tightly closed. Keep container dry. Keep away from acids, aluminium, tin, zinc and galvanised iron. Protect from physical damage. Clean up all spills promptly; avoid secondary accidents.
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## Section 8 - Exposure Controls and Personal Protection

Occupational Exposure Limit (OEL) Values	Name	STEL	TWA

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	<u>mg/m3</u>	<u>ppm</u>	<u>mg/m3</u>	<u>ppm</u>	<u>Footnote</u>
			2		Peak limitation
<b>Engineering Controls</b>	Do not use on aluminium, tin, copper or copper alloys, zinc or galvanised iron. If dust risk exists, consider local mechanical exhaust/extraction to keep airborne contamination below TLV.				
<b>Personal Protective Equipment</b>	Avoid contact with the skin. Prevent contact with the eyes. Avoid breathing the dust. Personal protection to be selected from those recommended below, as appropriate to mode of use, quantity handled and degree of hazard:- Face shield or safety glasses Gloves, rubber or plastic Plastic apron, sleeves and boots Impervious overalls. Dust mask. In case of vapour: Respirators in accordance with AS/NZS 1715/1716. The use of a P1 respirator with replaceable filters is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended. Always maintain a high level of personal hygiene when using cleaning chemicals. That is wash hands before eating, drinking, smoking or using the toilet.				

## Section 9 - Physical and Chemical Properties

<b>Form</b>	Solid
<b>Appearance</b>	White powder.
<b>Odour</b>	Slight smell of chlorine / alkaline.
<b>Melting Point</b>	No data.
<b>Solubility in Water</b>	Approx. 10% soluble in water, with generation of heat.
<b>pH</b>	11.5-12.5 (1% solution)
<b>Vapour Pressure</b>	None
<b>Flash Point</b>	None.
<b>Flammability</b>	Not flammable.
<b>Auto-ignition Temperature</b>	No data for the mixture. Sodium dichloroisocyanurate will undergo self-sustaining decomposition with evolution of heat if heated to 240 - 250 °C.
<b>Other Information</b>	Alkaline. Hygroscopic. Will absorb moisture and carbon dioxide from the air. Will react vigorously with acids, generating heat and carbon dioxide, a simple asphyxiant and chlorine, a toxic gas. Contact with moisture will generate chlorine. May react violently with calcium hypochlorite. Contact with aluminium, tin, zinc or galvanised iron may generate hydrogen, a flammable gas. Contact with ammonium compounds will generate ammonia, a poisonous gas.

## Section 10 - Stability and Reactivity

<b>Chemical Stability</b>	Stable under normal use conditons.
<b>Conditions to Avoid</b>	Heat, flames, ignition sources and incompatibles.
<b>Incompatible Materials</b>	Strong alkalis, acids, oxidizing agents, ammonium salts.
<b>Hazardous Decomposition Products</b>	Emits choking and corrosive fumes when heated to decomposition.

## Section 11 - Toxicological Information

<b>Toxicology Information</b>	No adverse health effects are expected, if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms and
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	effects that may arise if the product is mishandled and overexposure occurs are:
<b>Acute Toxicity - Oral</b>	LD 50 : Sodium hydroxide No data LDLo : Sodium hydroxide 500 mg/kg oral, rabbit LD 50 : Sodium dichloroisocyanurate 700 mg/kg oral, rat 6,000 mg/kg skin rabbit
<b>Ingestion</b>	Irritant. May cause burns to mouth and throat, nausea, vomiting, abdominal pains and diarrhoea (occasionally bloody). Can also cause swelling of the larynx and suffocation, perforation of stomach and intestines with constrictive scarring.
<b>Inhalation</b>	Severe irritation of the nose and throat. Can cause inflammation of the lungs.
<b>Skin</b>	Will cause burns to the skin, with effects including; Redness, blistering, localised pain and dermatitis.
<b>Eye</b>	Will cause burns to the eyes with effects including: Pain, tearing, conjunctivitis and if duration of exposure is long enough, blindness will occur.
<b>Chronic Effects</b>	Long term, low level exposure can lead to irritation of skin, lungs, nose, throat and mouth.

## Section 12 - Ecological Information

<b>Ecotoxicity</b>	Toxic to fish and aquatic organisms.
<b>Persistence and Degradability</b>	Inherently Biodegradable.
<b>Mobility</b>	Powder is easily contained, but material is reasonably soluble in large amounts of water.
<b>Environmental Fate</b>	This substance may cause long term adverse effects in the aquatic environment.
<b>Environmental Protection</b>	Avoid contaminating waterways, drains, sewers, or ground.

## Section 13 - Disposal Considerations

<b>Waste Disposal</b>	Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Normally suitable for disposal by approved waste disposal agent.
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## Section 14 - Transport Information

<b>Transport Information</b>	Classified as a Class 8 Dangerous Good. Dangerous Goods of Class 8 Corrosives are incompatible in a placard load with any of the following: - Class 1, Class 4.3, Class 5, Class 6, if the Class 6 dangerous goods are cyanides and the Class 8 dangerous goods are acids and Class 7. Store away from acids.
<b>ADG UN Number</b>	3262
<b>ADG Proper Shipping Name</b>	CORROSIVE SOLID, BASIC, INORGANIC, N.O.S.
<b>ADG Transport Hazard Class</b>	8
<b>ADG Packing Group</b>	II
<b>Hazchem Code</b>	2X
<b>IERG Number</b>	37

## Section 15 - Regulatory Information

<b>Poisons Schedule</b>	S5
<b>Australia (AICS/AIIC)</b>	All components listed.

## Section 16 - Any Other Relevant Information

<b>Date of Preparation</b>	10/11/2024
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**Literature References**                      Preparation of Safety Data Sheets for hazardous Chemicals Code of Practice  
Standard for the Uniform Scheduling of Medicines and Poisons  
Australian Code for the Transport of Dangerous Goods by Road & Rail  
Globally Harmonised System of classification and labelling of chemicals GHS7

**Signature of Preparer/Data Service**                      Technical manager Tel: (03) 9450 4555

**Technical Contact Numbers**                      Emergency Advice All Hours:  
Chief Chemist Tel: (03) 9450 4555 Mon-Fri 8am - 6pm  
Poisons Information Centre: 13 11 26 - 24hrs

**Other Information**                      This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the Workplace. Please refer to the technical datasheet (Instructions for use), and the label on the drum. The company cannot anticipate or control the individual working conditions encountered and so each user should read this SDS carefully, and if in doubt ring the Contact Point Number given below.  
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