

SAFETY DATA SHEET

Section 1. Identification

Product identity

Product name	NISSAN T.C.C.A. 90G
Product code	1121002999006-2022
Supplier name	Nissan Chemical Corporation
Address	5-1, Nihonbashi 2-Chome, Chuo-ku, Tokyo 103-6119, Japan
Telephone number	+81-3-4463-8150
Emergency contact number	(65) 6266 2550 Pool Connect Pte Ltd (Singapore) Or local health and safety/fire emergency lines

Section 2. Hazard identification

GHS Classification

Oxidizing solids Category 2  
 Acute toxicity – oral Category 4  
 Serious eye damage/eye irritation Category 2  
 Specific target organ toxicity (single exposure) Category 3 (respiratory tract irritation)  
 Hazard to the aquatic environment (acute hazard) Category 1  
 Hazard to the aquatic environment (long-term hazard) Category 1

GHS Label elements

Pictograms or Symbols



Signal word

Danger

Hazard statements

H272 May intensify fire; oxidizer  
 H302 Harmful if swallowed  
 H319 Causes serious eye irritation  
 H335 May cause respiratory irritation  
 H410 Very toxic to aquatic life with long lasting effects

Precautionary statements

Prevention

Keep away from heat/sparks/open flames/hot surfaces. — No smoking(P210)  
 Keep and store away from clothing and combustible materials.(P220)  
 Take any precaution to avoid mixing with combustibles(P221)  
 Avoid breathing dust.(P261)  
 Wash thoroughly after handling.(P264)  
 Do not eat, drink or smoke when using this product(P270)

	Use only outdoors or in a well-ventilated area(P271)
	Avoid release to the environment(P273)
	Wear protective gloves, eye protection and face protection.(P280)
Response	IF INHALED: Remove person to fresh air and keep comfortable for breathing.(P304+P340)
	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing(P305+P351+P338)
	Call a POISON CENTER/doctor. If you feel unwell.(P312)
	Rinse mouth(P330)
	If eye irritation persists: Get medical advice/attention(P337+P313)
	In case of fire: Use appropriate extinguishing media.(P370+P378)
	Collect spillage(P391)
Storage	Store in a well-ventilated place keeping container tightly closed.(P403+P233)
	Store locked up(P405)
Disposal	Dispose of contents/ container to an approved landfill(P501)

Section 3. Composition / information on ingredients

Substances or mixtures	Substances	
Ingredient name	Percent	CAS No.
Trichloroisocyanuric acid	100%	87-90-1

Section 4. First-aid measures

In case of inhalation	Call a doctor if you feel unwell.
In case of skin contact	IF ON SKIN: Wash with plenty of soap and water. Take of contaminated clothing and wash before re-use.  If skin irritation occurs: Get medical advice and attention.  Specific treatment.
In case of eye contact	Immediately call a doctor.  IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
In case of ingestion	IF SWALLOWED: Immediately call a doctor.  Rinse mouth.

Section 5. Fire-fighting measures

Suitable extinguishing media	Water in large amounts, foam.
Unsuitable extinguishing media	Cylindric water. Halide, carbon dioxide, bicarbonate.

Specific hazards arising from the chemical	Risk of producing harmful gases such as carbon monoxide. Avoid inhalation of smoke or gases.
Special protective actions for fire fighters	Use goggles in combination with dust mask, and another protections as appropriate to situation.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Use goggles in combination with dust mask, and another protections as appropriate to situation. Large spills :Evacuate area. Ensure adequate ventilation.
Environmental precautions	Collect spillage. Do not discharge into the drains, surface waters or ground water directly.
Methods and materials for containment and cleaning up	Sweep or vacuum spills to drums or containers.

Section 7. Handling and storage

Precautions for safe handling

Technical measures	Use local exhaust ventilation in case of production of fume or mist. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
Safe handling advice	Avoid release to the environment. Wear protective gloves/eye protection/face protection.  Do not eat, drink or smoke when using this product.  Wash hands thoroughly after handling. Keep away from heat, sparks, open flames and hot surfaces. No smoking. Keep away from clothing as well as other incompatible materials Take any precaution to avoid mixing with combustibles

Storage

Suitable storage conditions	Store locked up.
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Section 8. Exposure controls / personal protection

Engineering controls

Use local exhaust ventilation in case of production of fume or mist. Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.
Use explosion-proof electrical equipment and prevent from static electricity.

Individual protection measures, such as personal protective equipment (PPE)

Eye/ face protection	Wear eye protection/face protection.
Skin protection	Wear protective clothing.
Hand protection	Wear protective gloves.

Respiratory protection

If necessary, wear respiratory protection.

Section 9. Physical and chemical properties

Appearance

Physical state	Solid
Color	White
Odor	No data available
Odor threshold	No data available
pH	No data available
Melting point / freezing point	No data available
Boiling point	No data available
Flash point	No data available
Evaporation rate	No data available
Flammability (solid, gas)	Non combustible
Flammability or explosive limits	No data available
Vapor pressure	No data available
Vapor density	No data available
Relative density	No data available
Solubilities	Water soluble
Partition coefficient : n-octanol / water	No data available
Auto-ignition temperature	Non combustible
Decomposition temperature	No data available
Viscosity	No data available

Section 10. Stability and reactivity

Reactivity	No information available
Chemical stability	No information available
Possibility of hazardous reactions	No information available
Conditions to avoid	No information available
Incompatible materials	No information available
Hazardous decomposition products	No information available

Section 11. Toxicological information

Acute toxicity – oral	Category 4:87–90–1 (source: 1272/2008/EC)
Acute toxicity – dermal	Classification not possible:87–90–1 (source: 1272/2008/EC)
Acute toxicity – inhalation (gases)	Classification not possible:87–90–1 (source: 1272/2008/EC)
Acute toxicity – inhalation (vapors)	Classification not possible:87–90–1 (source: 1272/2008/EC)
Acute toxicity – inhalation (dusts and mists)	Classification not possible:87–90–1 (source: 1272/2008/EC)
Skin corrosion / irritation	Classification not possible:87–90–1 (source: 1272/2008/EC)
Serious eye damage / eye irritation	Category 2:87–90–1 (source: 1272/2008/EC)

Respiratory sensitization	Classification not possible:87-90-1 (source: 1272/2008/EC)
Skin sensitization	Classification not possible:87-90-1 (source: 1272/2008/EC)
Germ cell mutagenicity	Classification not possible:87-90-1 (source: 1272/2008/EC)
Carcinogenicity	Classification not possible:87-90-1 (source: 1272/2008/EC)
Reproductive toxicity	Classification not possible:87-90-1 (source: 1272/2008/EC)
Reproductive toxicity, effects on or via lactation	Classification not possible:87-90-1 (source: 1272/2008/EC)
Specific target organ toxicity – single exposure	Category 3:87-90-1 (organ = respiratory tract irritation, source: 1272/2008/EC)
Specific target organ toxicity – repeated exposure	Classification not possible:87-90-1 (source: 1272/2008/EC)
Aspiration hazard	Classification not possible:87-90-1 (source: 1272/2008/EC)

Section 12. Ecological information

Hazardous to the aquatic environment – acute hazard	Category 1:87-90-1 (source: 1272/2008/EC)
Hazardous to the aquatic environment – long-term hazard	Category 1:87-90-1 (source: 1272/2008/EC)
Hazardous to the ozone layer	Classification not possible:87-90-1 (source: 1272/2008/EC)

Section 13. Disposal consideration

Residual Waste	Before disposal, make the wastes harmless, stabilized, and neutralized, and minimize danger and toxicity of the wastes. Dispose of waste in accordance with local, state and federal regulations.
Contaminated Container and Packaging	Passed to a licensed waste contractor. In case of disposal of empty containers, remove the content thoroughly.

Section 14. Transport information

International regulations

Sea(IMDG)

UN number	2468
UN proper shipping name	TRICHLOROISOCYANURIC ACID, DRY
Transport hazard class(es)	5.1
Packing group	II

air(IATA)

UN number	2468
UN proper shipping name	TRICHLOROISOCYANURIC ACID, DRY
Transport hazard class(es)	5.1
Packing group	II

Section 15. Regulatory information

No main regulation

Inventory

TSCA – United States

ENCS – Japan

KECI Annex 1, 2 – Korea

IECSC – China

DSL/NDSL – Canada

PICCS – Philippines

AICS – Australia

EINECS/ELINCS – European Union

TCSI – Taiwan

NZIoC – New Zealand

Section 16. Other information

Issue Date

12/14/2020

Literature references

EU CLP Regulation, AnnexVI

Other data

The information suggested in this Safety Data Sheet does not comprehend everything and should be adopted only as a guide.

The accuracy of the information and recommendations suggested herein are credible. However the company makes no warranty regarding such information and recommendations and disclaims all liability for reliance thereon.