CONDOR BEWAT CT44 MR

1. PRODUCT IDENTIFICATION INFORMATION	
Product Name	BEWAT CT44 MR - Natural coagulant
Trade Name	BEWAT CT44 MR
Recommended Use	Coagulant
Supplier	Condor 24 Downer Street, Hutt Central, Lower Hutt 5010 0800 115 478 | sales@condorcivil.co.nz | condorcivil.co.nz
Emergency Contacts	Emergency Services (Fire, Ambulance, Police) – Dial 111 National Poisons Information Centre – 0800 764 766 (0800 POISON) Company Contact: Condor Civil 0800 115 478
2. HAZARD IDENTIFICATION	
Statement of Hazardous Nature	Skin irritation category 2 Eye irritation category 2 Skin Sensitvity category 1 Mutation category 2 Carcinogen category 1 Specific target organ toxicity - repeated exposure category 2
Hazard Classification	Skin Irrit. 2: H315 Eye Irrit. 2: H319 Skin Sens. 1: H317 Muta. 2: H341 Carc. 1: H350 STOT Rep. Exp. 2: H373  DANGER
Hazard Statements	Causes skin irritation. Causes eye irritation. May cause an allergic skin reaction. Suspected of causing genetic defects. May cause cancer. May cause damage to organs.

CONDOR BEWAT CT44 MR

Prevention Statements	Wear suitable protective clothing Wear protective gloves. Wear eye / face protection.

3. COMPOSITION & INFORMATION ON INGREDIENTS

Ingredient	Cas Number	Concentration (%)
Formaldehyde	50-00-0	0.04 - < 0.06

4. FIRST AID MEASURES

If medical advice is needed, have product container or contact on hand.

New Zealand Poisons & Hazardous Chemicals
National Information Centre
phone 0800 POISON – 0800 764 766

Skin	If comes in contact with skin: Remove contaminated clothing immediately. Wash skin thoroughly with soap and water, rinse completely. If irritation or rash develops, obtain medical attention.
Eyes	If comes in contact with eyes: Flush eyes immediately with running water for several minutes. Remove contact lenses if worn and continue flushing. Seek medical attention, if irritation persits.
Ingestion	If swallowed: Rinse mouth and lips, spitting out fluids. Provide small amounts of water. Do not induce vomitting. Never give liquids to unconscious individuals. Seek medical attention if unwell or concerned.
Inhalation	If inhaled: Move to fresh air. Seek medical advice if symptoms persist.

5. FIRE FIGHTING MEASURES

Flammability	Product is non-flammable under normal conditions of storage, handling and use.
Hazard Classification	Use appropriate for surrounding materials.
Hazard Statements	Toxic fumes may evolve when heated to decomposition.
Prevention Statements	Handle as per surrounding fire requirements. Evacuate area and contact emergency services. Fight fire from safe, protected location. Approach from upwind. Prevent fire-fighting runoff from entering drains or waterways. Fire fighters should use approved self-contained breathing apparatus and protective clothing.

CONDOR BEWAT CT44 MR

6. ACCIDENTAL RELEASE MEASURES

Use appropriate PPE as outlined in Section 8. Avoid contact with spilled material (creates slippery surfaces). Remove unprotected personnel from area.

Cover spillage with dry earth, sand, or suitable inert absorbent material. Collect material in appropriate sealed containers for disposal in accordance with Section 13.

Prevent uncontrolled releases from entering storm water, sewer drains, and waterways. Notify local authorities and emergency services if material enters waterways.

7. HANDLING & STORAGE

Safe Handling	General precautions for safe use: • Comply with the current legislation concerning the prevention of industrial risks with regards manually handling weights. • Maintain order, cleanliness and dispose of using safe methods. Technical recommendations for the prevention of fires and explosions: • Product is non-flammable under normal conditions of storage, handling and use. It is recommended to transfer at slow speeds to avoid the generation of electrostatic charges that can affect flammable products. Consult section 10 for information on conditions and materials that should be avoided. Technical recommendations on general occupational hygiene • Do not eat or drink during the process, washing hands afterwards with suitable cleaning products. Technical recommendations to prevent environmental risks: • It is recommended to have absorbent material available at close proximity to the product
Certified Handler	Not required
Storage	• Store in cool (out of direct sunlight), dry, well-ventilated area, removed from foodstuffs. • Ensure containers are labelled, protected from physical damage and closed when not in use. • Ensure an emergency spill kit is available on-site* (with sufficient capacity for the quantities being stored). • Do not store nearby incompatible materials (see Section 8).

CONDOR BEWAT CT44 MR

	Specific storage requirements: • Minimum Temp.: 5 °C • Maximum Temp: 45 °C • Maximum time: 6 Months

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Exposure Standards	No Workplace Exposure Standards have been established for this product. Workplace Exposure Standards have been established for the following ingredients: For Formaldehyde: New Zealand Workplace Exposure Standards [Adopted 2022]: TWA = 0.3ppm; STEL = 0.6 ppm. Known for presumed human carcinogen (carcinogen category 1); Dermal sensitiser (dsen).
Engineering Controls	Emergency eye wash station and saftey showers should be available in the immediate vicinity of any potential exposure. Ventilation: Ensure adequate ventilation – optimise natural airflows.
Personal Protection (PPE)	Wear overalls, safety boots, protective gloves and eye/face protection. **Eyes/Face:** Splash resistant safety glasses with side shields or safety goggles (AS/NZS 1337) **Respiratory:** Use particulate respirator if ventilation inadequate.
	Skin: Wear gloves made of suitable materials such as PVC, neoprene or natural rubber. The glove material must be impermeable and resistance to the substance (in accordance with AS/NZS 2161). Consult your glove supplier for specific product information. Protective workwear to be worn.

9. PHYSICAL & CHEMICAL PROPERTIES

Appearance and Colour	Brown
Odour	Characteristic
Odour Threshold	Not applicable.
pH	2.3 - 3 (at 20 %)
Melting Point	Not applicable.
Boiling Point	100 - 206 °C
Flash Point	>100 °C
Flammability	Non-flammable.
Lower Flammability Limit (LEL)	Not applicable.

CONDOR BEWAT CT44 MR

Upper Flammability Limit (UEL)	Not applicable.
Vapour Pressure	At 20°C: 2629 Pa. At 50 20°C: 13057.47 Pa (13.06 kPa)
Vapour Density	Not applicable.
Relative Density	At 20°C: 1.05 - 1.15
Solubility (Water)	Not applicable.
Partition coefficient: n-octanol/water	Not applicable.
Autoignition temp	Not applicable.
Decomposition temp	Not applicable.
Viscosity (kinematic)	Not applicable.
10. STABILITY & REACTIVITY	
Stability	Chemically stable under the indicated conditions of storage, handling and use.
Reactivity	No hazardous reactions are expected because the product is stable under recommended storage conditions.
Conditions to Avoid	Not applicable.
Incompatible Materials	Avoid strong acids, oxidising agents, and alkalis or strong bases.
Hazardous decomposition products	Depending on the decomposition conditions, complex mixtures of chemical substances can be released: carbon dioxide (CO2), carbon monoxide and other organic compounds.
11. TOXICOLOGICAL INFORMATION	
Health Effects / Symptoms of Exposure	**Acute Exposure** **Skin:** May cause skin irritation or allergic skin reaction. **Eyes:** May cause eye irritation. **Ingestion:** Ingestion may cause nausea and discomfort. **Inhalation:** May be irritant to respiratory tract. **Aspiration Hazard:** Not classified. **Chronic Exposure** **Respiratory or Skin sensitisation:** Not classified. **Mutagenicity:** Suspected of causing genetic defects. (Formaldehyde)

CONDOR BEWAT CT44 MR

	Carcinogenicity: May cause cancer by inhalation. (Formaldehyde) **Reproductive Toxicity:** Not classified. **Specific Target Organ Toxicity (STOT):** Not classified.
Toxicological Data	No data is available for this product as a whole. Acute toxicity: Component: Formaldehyde (CAS No. 50-00-0) • LD50 oral: 100 mg/kg [Supplier's SDS] • LD50 dermal: 300 mg/kg [Supplier's SDS] • LC50 inhalation (vapours): 3 mg/L [Supplier's SDS]

12. ECOLOGICAL INFORMATION

Persistence in environment	Component: Formaldehyde (CAS No. 50-00-0) Persistence: LOW (14 days) [Supplier's SDS]
Bioaccumulative	Component: Formaldehyde (CAS No. 50-00-0) LOW (LogKOW = 0.35)
Mobility in Soil	Component: Formaldehyde (CAS No. 50-00-0) HIGH (KOC = 1)
Ecotoxicological Data	Component: Formaldehyde (CAS No. 50-00-0) - LC50, Fish: 100mg/L (96 h) [Supplier's SDS] - EC50, Crustacean: 42mg/L (24 h) [Supplier's SDS]

13. DISPOSAL CONSIDERATIONS

Product or contaminated material may be disposed of through an approved hazardous waste contractor. Disposal waste contractors must comply with the *'New Zealand Hazardous Substances (Disposal) Notice 2017'.*

Empty containers may contain residual chemical and should be handled accordingly. Dispose of empty containers through licensed drum disposal operation or return to supplier.

14. TRANSPORT INFORMATION

Not classified as a Dangerous Good for transport according to NZS 5433:2020, UN Model Regulations, IATA and/or IMDG.

Proper Shipping Name	Not applicable.
UN Number	Not applicable.
DG Class	Not applicable.
Subsidiary Risk	Not applicable.
Packing Group	Not applicable.

CONDOR BEWAT CT44 MR

Marine Pollutant	Not applicable.
15. REGULATORY INFORMATION	
HSNO Approval	Not scheduled. All ingredients listed in the NZIoC.
TEL or EEL	None applied to this product or its ingredients.
Certified Handler	Not applicable.
Tracking	Not applicable.
Controlled Substance Licence	Not applicable.
16. OTHER INFORMATION	
Abbreviations / Terminology	
AS/NZS	Joint Australian New Zealand Standard
AS/NZS 1337	Personal eye-protection
AS/NZS 1715	Selection, use and maintenance of respiratory protective equipment
AS/NZS 1716	Respiratory protective devices
AS/NZS 2161	Occupational protective gloves
CAS #	Chemical Abstract Service number (a unique identifier for chemicals)
CCID	New Zealand Chemical Classification and Information Database
EEL	Environmental Exposure Limits
HSNO	(New Zealand) Hazardous Substances and New Organisms Act
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods Code
NZIoC	New Zealand Inventory of Chemicals
NZS 5433	Transport of Dangerous Goods on Land

CONDOR BEWAT CT44 MR

Prepared with reference to:
Hazardous Substances (Safety Data Sheets) Notice 2017, published by Environmental Protection Authority, New Zealand.

Revision Information:
MSDS may be revised from time to time, please ensure you have a current copy.
Current version: October 2025 (v1)

DISCLAIMER:
This safety data sheet attempts to describe as accurately as possible the potential exposures associated with normal use of the product described herein Health and safety precautions in the data sheet may not be adequate for all individuals and/or situations. Users have the responsibility to evaluate and use this product safely and to comply with all applicable laws and regulations. Whilst the information contained in this document is based on data, which, to the best of our knowledge, was accurate and reliable at the time of preparation, no warranty or responsibility can be accepted by us for errors and omissions. The provision of this information should not be construed as a recommendation to use any of our products in violation of any patent rights or in breach of any statute or regulation. Users are advised to make their own determination as to the suitability of this information in relation to their particular purposes and specific circumstances. Since the information contained in this document may be applied under conditions beyond our control, no responsibility can be accepted by us for any loss or damage caused by any person acting or refraining from action as a result of this information.