



Safety Data Sheet

SDS No.:
SDS-IM/FG-C/02

CoRoN 25-0-0 + 0.5%B

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Section 1: Identification of the Hazardous Chemical and of the Supplier

1.1 Product Identifier

Product Name: Amino modified methylene urea solution
Trade Name: CoRoN 25-0-0+0.5%B
Active Ingredient: Blend of plant nutrients derived from Urea, Methylene Diurea, Methylene Urea and Boric Acid
CAS No.(AI): -
Structural Formula: -
Recommended Usage: Plant nutrition

1.2 Supplier's Information

Address: Agricultural Chemicals (M) Sdn. Bhd.
962, Lorong Perusahaan 8
Taman Perindustrian Perai
13600 Perai , Pulau Pinang
Malaysia
Tel.: +6-04-3907988
Fax: +6-04-3905703
Web: www.agrichem.com.my
Emergency Phone: +6-04-3907988

Section 2: Hazard Identification

Classification: Serious eye irritation, category 2

Pictogram:



Signal Word: Warning

Hazard Statement:
H319 Causes serious eye irritation

Precautionary Statement:

P264 Wash hands and exposed body parts thoroughly after handling
P280 Wear protective gloves/protective clothing/eye protection/face protection
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+313 If eye irritation persists: Get medical advice/attention



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Section 3: Composition and Information of the Ingredients of the Hazardous Chemical

Component	CAS No.	Weight, %	Hazard Code
Blend of plant nutrients derived from Urea, Methylene Diurea, Methylene Urea and Boric Acid. May contain not more than 0.01% Chlorine	-	100%	H319

Section 4: First-aid Measures

Inhalation:	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention immediately if breathing becomes difficult.
Skin Contact:	Remove contaminated clothing and wash affected skin with soap and water. Call a physician if irritation persists.
Eye Contact:	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion:	Dilute by drinking large amounts of water and induce vomiting. Get immediate medical attention.
Symptoms:	No data available
Notes to Physician:	In the event of an adverse response, treatment should be directed toward control of the symptoms and the clinical condition of the patient.

Section 5: Fire-fighting Measures

Suitable Extinguishing Media:	Non-combustible liquid. Use extinguishing media suitable for underlying cause of fire.
Specific Hazard During Fire:	Product generates toxic and irritating fumes under fire conditions.
Special Protective Equipment:	Fire fighters should wear full-faced self-contained breathing apparatus and full protective clothing.
Other Information:	Use water spray to keep fire-exposed containers cool.

Section 6: Accidental Release Measures

Personal Precautions:	Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Avoid contact with skin and eyes.
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Environmental Precautions: Avoid release to the environment. Do not contaminate water sources by runoff from cleaning of equipment, disposal of equipment wash water or spray waste.

Method for Cleaning Up: Wear protective clothing as indicated in Section 8. Contain spill. If uncontaminated, recover and reuse product. If contaminated, absorb spills with inert material such as clay, sand, earth, sawdust etc. and collect in a drum. Cover up the contaminated area with household detergent and small amount of water. Brush the slurry and spread inert absorbents on the slurry liquid and collect the absorbed material in a drum. Seal drum and dispose of. Do not contaminate water resources.

Section 7: Handling and Storage

Precautions for Safe Handling: Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Do not contaminate water sources by runoff from cleaning of equipment, disposal of equipment wash water or spray waste.

Conditions for Safe Storage: Keep out of reach of children. Do not store with food, feed or other material to be used or consumed by human or animals. Store at temperatures above 45 Degrees F. Store in original containers only. Keep container tightly closed and do not allow water to be introduced into the contents of the container.

Incompatibles: Avoid mixing or intimate contact with strongly acidic materials.

Section 8: Exposure Control and Personal Protection

Exposure Limit: TLV / PEL – not established

Engineering Control: Local exhaust ventilation should be sufficient.

Individual Protection Measure: Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

Personal Protective Equipment: Safety shower and eyewash shall be available.

Eye Protection: Splash proof goggles

Skin Protection: Impervious gloves, impervious apron and footwear.

Respiratory Protection: NIOSH-approved respiratory for ammonia gas if mist or spray is present

Section 9: Physical and Chemical Properties

Appearance: Clear green liquid

Odour: Slight ammonia odour

Odour Threshold: No data available

pH: > 7.3

Melting/Freezing Point: 32°F



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Boiling Point:	102°C
Boiling Range:	No data available
Flash Point:	Not flammable
Evaporation Rate:	0.03
Flammability:	Not flammable
Upper Flammability Limit:	No data available
Lower Flammability Limit:	No data
Vapour Pressure:	50mmHg@21°C
Vapour Density:	No data
Relative Density:	1.211
Solubility in Water:	Soluble in water
Partition Coefficient P _{o/w} :	No data
Auto-ignition Temperature:	No data
Decomposition Temperature:	No data
Viscosity:	No data

Section 10: Stability and Reactivity

Reactivity:	Thermal decomposition evolves Ammonia and carbon dioxide gas.
Chemical Stability:	The material is stable under normal storage condition. Avoid high temperature above 40°C for prolonged periods.
Hazardous Reaction:	No data
Condition to Avoid:	Avoid temperature above 51°C or acid contamination.
Incompatible Material:	Strong acidic materials
Hazardous Decomposition Product:	Ammonia and carbon dioxide gas upon combustion

Section 11: Toxicological Information

11.1 Acute Toxicity

Oral:	Product not tested for acute toxicity. However, the individual components comprising the product are not considered acutely toxic.
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11.2 Chronic Effect from Short and Long Term Exposure

Skin Contact:	Prolonged or repeated contact with this liquid may irritate the skin slightly.
Eye Contact:	Direct eye contact with liquid may cause slight irritation. If mist is formed, it may also irritate slightly.
Inhalation:	In the unlikely event that mist is formed, it may irritate the respiratory tract if inhaled
Skin Sensitization:	No data available
Ingestion:	No data available
Carcinogenicity:	None currently known
Mutagenicity:	No data available
Teratogenicity:	No data available



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11.3 Symptoms

No data available.

Section 12: Ecological Information

Ecotoxicity: No data available
Persistence and Degradability: No data available
Bioaccumulative Potential: No data available
Mobility in Soil: No data available
Other Adverse Effect: No data available

Section 13: Disposal Information

Dispose of contents/container to Kualiti Alam / authorized body by DOE.

Section 14: Transportation Information

Land (ADR/RID)	Not Regulated
Sea (IMDG)	Not Regulated
Air (IATA)	Not Regulated

Classification: Not classified as hazardous under CLASS Regulation 2013
Pictogram: Not applicable
Signal Word: Not applicable

Pesticides Act:
Classification: Not applicable

Section 16: Other Information

Date of Preparation: 20 January 2016
Date of Revision: 17 November 2016
Reference Document: ICOP on Chemicals Classification and Hazard Communication 2014
GHS Purple Book
SDS

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