

CAI, Inc.
SAFETY DATA SHEET

51905 Nickel Autowrap
53005 Nickel Flat Wrapper
65070 Nickel Gumped End Wrapper

1. PRODUCT AND COMPANY INFORMATION

Product Code: 57-01-1324

Product Name: AQUA-GW EZ Care Nickel Roll Blue

Product Use:

Printing ink and ink-related material.

Company Information:

CAI, Inc.
7 Martel Way
Georgetown, MA 01833-2224 USA

Phone Numbers:

General Information North America: 978.352.4510
Emergency Information North America: 617.538.2407
Emergency North America: CHEMTREC 800.424.9300

Additional Information:

Responsible Party: Corporate EHS Director
SDS Request: 978.352.4510

2. HAZARDS IDENTIFICATION



Signal Word

WARNING

GHS Classification

Category 2 Causes eye irritation

Hazard Statements

Causes eye irritation
May be harmful if swallowed
May cause skin irritation
Harmful to aquatic life

Precautionary Statements

Wear safety glasses & nitrile gloves.
Wash hands thoroughly after handling.
Keep container tightly closed.
Store in well-ventilated place. Keep cool.
Avoid release to the environment.

Hazards Not Otherwise Classified

None

3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS Number	Wt %
Ammonia	7664-41-7	0.3

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4. FIRST AID MEASURES

First Aid:

IF IN EYES: Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Seek medical advice/attention.

IF ON SKIN: Wash with plenty of water and soap.

IF INHALED: Remove person to fresh air and keep comfortable for breathing. If you feel unwell, get medical advice/attention.

IF SWALLOWED: Do NOT induce vomiting. Get immediate medical attention.

Most important symptoms and effects, both acute and delayed:

May be harmful if inhaled.

May be harmful if swallowed.

Irritating to the eyes.

Immediate medical attention and special treatment needed:

Treat symptomatically for eyes, inhalation, ingestion, skin and vital functions as needed.

5. FIREFIGHTING MEASURES

Suitable extinguishing media:

Use water, dry chemical, or carbon dioxide.

Unsuitable extinguishing media:

None identified.

Hazardous combustion products:

Carbon dioxide, carbon monoxide, volatile amines and other potentially harmful vapors and gases.

Special protective equipment for firefighters:

Wear self-contained breathing apparatus for firefighting in spaces where vapors or smoke can accumulate.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:

Use personal protective equipment, nitrile gloves and safety glasses at a minimum.

Ensure adequate when storing and handling product.

Environmental precautions:

Prevent product from entering drain, use noncombustible absorbents, mats or berms as needed.

Prevent further leakage or spillage if safe to do so.

If the product contaminates surface waters, groundwater, or storm/sanitary sewer: inform respective authorities and comply with applicable cleanup requirements as required by federal/state/local regulations.

Methods and materials for containment and cleanup:

For minor spills use towels, rags, or noncombustible absorbent materials (e.g., sand, earth, diatomaceous earth, vermiculite). Dispose according to applicable regulations.

For larger spills, contain spillage using noncombustible absorbent material and place with any waste product in containers for disposal according to applicable regulations. Do not vacuum.

7. HANDLING & STORAGE

General Handling:

Avoid formation of aerosols and sprays.

Do not breathe vapors/mists/sprays.

Avoid contact with eyes.

Smoking, eating and drinking should be prohibited in the handling and application areas.

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Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions on handling & disposal given in this Safety Data Sheet must be observed.

Storage:

Containers that are opened must be tightly sealed and kept upright to prevent leakage.
Store in a cool, dry, ventilated area, away from incompatible substances. Do not store near extreme heat or open flame.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits:

Components	OSHA PEL	OSHA PEL Skin	OSHA STEL	IDLH	NIOSH TWA	ACGIH TLV	ACGIH TLV Skin	Canadian OEL	Canadian OEL STEL
Ammonia	30 ppm	None	50 ppm	300 ppm	25 ppm	25 ppm	None	25 ppm	35 ppm

Eye Protection PPE:

Wear safety glasses with side shields or goggles. Additional faceshield may be appropriate if overt splashing may occur.

Hand and Body Protection:

Use nitrile disposable or reusable gloves, or other glove material offering equivalent protection per manufacturer specifications for resistance and breakthrough. Apron of similar chemical resistance and faceshield may be appropriate where splashing may occur.

Respiratory PPE:

No personal respiratory protection is normally required when providing adequate room ventilation or local exhaust. If respiratory PPE is provided, use cartridges for organic vapors or as recommended by respirator supplier or qualified individual.

Recommended Hygiene Practices:

Do not eat or drink while handling this product.
Wash hands thoroughly with soap and water before breaks and end of workday.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Liquid.
Auto-Ignition Temperature: No data available.
Boiling Point: >200°F
Decomposition: No data available.
Evaporation Rate: No data available.
Explosion Limits: No data available.
Flammability: Not an NFPA or GHS flammable/combustible liquid.
Flash Point: Does not sustain combustion.
Melting Point: No data available.
Odor: Latex like.
Odor Threshold: No data available.
Partition Coefficient: No data available.
pH: 9.2
Solubility: Soluble in water. Not soluble in petroleum solvents.
Stability: Stable at recommended storage temperature.
Vapor Density: No data available.
Vapor Pressure: No data available.
Specific Gravity: 1.06
Density (lbs/gal): 8.84
VOC Content %Weight: 0.74
VOC Content (lbs/gal): 0.07

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10. STABILITY AND REACTIVITY

Stability:

Stable under recommended storage and handling conditions.

Reactivity:

None identified when handled and stored under recommended conditions.

Hazardous Reactions:

None identified.

Conditions to Avoid:

None identified during recommended handling & storage.

Incompatible Materials:

Avoid contact with strong acids and oxidizing agents.

Hazardous Decomposition Products:

Carbon monoxide, carbon dioxide and uncombusted hydrocarbons.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity:

Ammonia 7664-41-7

Oral LD50 - Rat - 350 mg/kg

Dermal LD50 - Rat – No data available

Dermal LD50 - Rabbit – No data available

Inhalation - Rat - 4h - 2,000 ppm

Inhalation - Mouse - 4h - 2,115 ppm

Eye Damage/Irritation:

May cause minor to moderate eye irritation depending on exposure. Irritation as mild discomfort or redness. Corneal injury may result from overt exposure.

Skin Corrosion/Irritation:

Prolonged exposure may cause skin irritation.

Sensitization:

Skin: Not expected to cause allergic skin reactions.

Respiratory: No data available.

Repeated Dose Toxicity:

No data available for product.

Chronic Toxicity:

IARC: No components listed.

NTP: No components listed.

OSHA: No components listed.

Developmental Toxicity:

No data on birth defects at component concentrations used in this product.

Reproductive Toxicity:

No data available for component concentrations used in product.

Genetic Toxicology:

No data available.

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12. ECOLOGICAL INFORMATION

Ecotoxicity:

No data available for product.

Environmental Persistence/Degradation:

Potential for product or its components to persist/degrade in environment: No data available for product.

Bioaccumulation Potential:

Octanol-water partition: No data available.
Bioconcentration factor (BCF): No data available.

Potential Movement from Soil to Groundwater:

Potential for product or its components to move from the soil to the groundwater. No data available.
Generally, liquid phase of product may move through soil to groundwater interface. Liquid phase components may dissolve in groundwater and/or float on top of it.

Other Adverse Effects:

Environmental fate: No data available.
Ozone layer depletion potential: No data available.
Photochemical ozone creation potential: No data available.
Endocrine disruption potential: No data available.
Global Warning Potential: No data available.

13. DISPOSAL CONSIDERATIONS

Waste Treatment:

Dispose of in accordance with applicable national, regional and local regulations.
Do not landfill waste product without treatment according to applicable regulations.

14. TRANSPORT INFORMATION

USDOT: Not regulated.
IMDG: Not regulated.
IATA: Not regulated.

Special Transportation Precautions:

No special precautions required during normal transport and handling.

Marine Pollutant:

Not a marine pollutant.

15. REGULATORY INFORMATION

The following chemical(s) are subject to reporting requirements of Proposition 65:

Component	Wt %
This product does not contain components known to the State of California to cause cancer and birth defects or other reproductive harm.	

The following chemical(s) are subject to reporting requirements of SARA Title III Section 313:

Component	Wt %
Ammonia	0.3

The following chemical(s) are regulated as Hazardous Air Pollutants (HAPs):

Component	Wt %
This product does not contain components regulated as Hazardous Air Pollutants.	

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US TSCA Inventory:

The components in this product are on the inventory.

WHMIS:

Not regulated.

Canadian Domestic Substances List (DSL):

This product contains components on the list.

Hazard Warnings:

NFPA Health 1 Flammability 0 Physical 0
HMIS Health 1 Flammability 0 Instability 0

16. OTHER INFORMATION

User Responsibility and Disclaimer of Liability:

This document has been prepared in accordance with the OSHA Hazard Communication Standard 2012. The information contained herein for the product shipped to customer is, to the best of our knowledge and belief, accurate as of the date noted herein. We do not accept responsibility nor independently verify any information provided by our suppliers or other third-parties and relied upon by us.

Health & Safety:

Users should consider these data only as a supplement to user's own workplace risk assessment. Users must make independent determinations of suitability and completeness of information from all sources to assure proper product use; print applications; safety and health of employees and customers; disposal of waste product; and protection of the environment. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist when the customer uses the product. All chemical products may present unknown chemical, physical and health hazards and should be used with caution.

Product Storage:

This product will remain stable for use if the original container is properly sealed, stored upright, and not exposed to temperatures below 65°F and above 90°F.

Customer Use of Product:

Since the conditions of handling and use are beyond our control, we make no guarantee of product performance and assume no liability for damages incurred by customer use of this product or any rework derived from this product. Final determination of suitability of the product is the sole responsibility of the customer. Additionally, we are not liable for any claims, losses, or damages of any third party or for lost profits or any special, even if incidental, consequential or exemplary damages arising from customer use of this product or any rework derived from this product.

Prepared by:

Robert A. Fricke, CAI Corporate EHS Director

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