CHEMEON® CC-600

SECTION 1: Identification

Product identifier: **CHEMEON® CC-600**
Other Names: Metalast CC-600 (prior to June, 2015).
Product Code Number: Not applicable.
Recommended use: Blue Additive for conversion coatings.
Recommended restrictions: Uses other than as recommended above.

Manufacturer/Importer/Supplier/Distributor information:

Company Name: CHEMEON Surface Technology, LLC.
Company Address: 2241 Park Place, Bldg. B
Minden, NV 89423.
Company Telephone: (775) 782-8324
Company Contact Name: Customer Service
8:00 AM – 5:00 PM PST, Mon-Fri.
Emergency phone number: Chemtrec 24 hr. Emergency Telephone
800-424-9300 within U.S
703-527-3887 outside U.S.

SECTION 2: Hazard(s) identification

Classification of the chemical in accordance with paragraph (d) of §1910.1200:

Physical hazards
No physical hazards under GHS classification.

Health hazards
Specific target organ toxicity – single exposure (respiratory system), Category 3

Environmental hazards
No environmental hazards under GHS classification.

GHS Signal word: **WARNING.**

GHS Hazard statement(s): H335 - May cause respiratory irritation.

GHS Hazard symbol(s):

GHS Precautionary statement(s):

Prevention:
- P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
- P271 - Use only outdoors or in a well-ventilated area.

Response:
- P304 + P340 - If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
- P312 - Call a POISON CENTER or doctor/ physician if you feel unwell.

Storage:
- P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
- P405 - Store locked up.

Disposal:
- P501 - Dispose of contents/container in accordance with local/regional/national/ international regulations.

Other Hazards
Polymerization with heat evolution may occur in the presence of radical forming substances (e.g. peroxides), reducing substances, and/or heavy metal ions. Take precautionary measures against static discharges.

SECTION 3: Composition/information on ingredients

Mixture:

Chemical name	Concentration (weight %)
Component A*	20-30%

*Chemical name has been withheld from the SDS as a Trade Secret

Note: The balance of the ingredients are not classified as hazardous or are below the concentration limit to be classified as hazardous, under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

SECTION 4: First-aid Measures

Inhalation: Immediately move person to fresh air if vapor or mist of product is inhaled. Seek immediate medical attention if symptoms develop.

Skin contact: Immediately remove all contaminated clothing. Wash affected area with water and soap. If irritation occurs seek medical attention.

Eye contact: In case of contact, immediately flush eyes with copious amounts of water for at least 15 minutes. Ensure adequate flushing of eyes by separating eyelids with fingers. Seek medical attention.

Ingestion: Wash out mouth with large amounts of water and do not induce vomiting. Seek medical attention.

Most important symptoms/effects, acute and delayed: The possible symptoms known are those derived from the labelling (see section 2). No additional symptoms are known.

Indication of immediate medical attention and special treatment needed: If any symptoms are observed, contact a physician and give them this SDS sheet. If exposed or concerned: Get medical advice/attention.

SECTION 5: Fire-fighting measures

Suitable extinguishing media: Use Water, CO_2 or dry chemical.

Unsuitable extinguishing media: No restrictions.

Specific hazards arising from the chemical:
Carbon oxides, Nitrogen oxides, Sulphur oxides.

Special protective equipment and precautions for fire-fighters:
As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Containers can build up pressure if exposed to heat (fire). Cool with water spray.
Vapors can travel to a source of ignition and flash back. Explosive mixtures may occur at temperatures at or above the flashpoint.

SECTION 6: Accidental release measures

Personal precautions, protective equipment and emergency procedures: Evacuate danger area. Stay upwind and away from spill/release. Avoid direct contact with liquid and vapors. For large spillages, notify persons downwind of the spill/release, isolate immediate hazard area and keep unauthorized personnel out. Wear appropriate protective equipment, including respiratory protection, as conditions warrant (see Section 8). See Sections 2 and 7 for additional information on hazards and precautionary measures.

Environmental Precautions: Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems, and natural waterways. Use water sparingly to minimize environmental contamination and reduce disposal requirements. If spill occurs on water notify appropriate authorities and advise shipping of any hazard.

Methods and material for containment and cleaning up: Absorb spill with inert material and shovel into appropriate waste disposal container. Dispose of collected material according to regulations.

SECTION 7: Handling and Storage

Precautions for safe handling: Do not get this material in your eyes, on your skin, or on your clothing. Wash thoroughly after handling. For industrial use only. Do not take internally. Comply with all national, state, and local codes pertaining to the storage, handling, dispensing, and disposal of the product.

Conditions for safe storage, including any incompatibles: Store in a cool, dry place. Do not store in direct sunlight. Keep container closed when not in use.

SECTION 8: Exposure controls/personal protection

Control Parameters:

Occupational exposure limits:

US OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200): Permissible Exposure Limits			
Substance	**PEL-TWA**	**PEL-STEL**	**BASIS**
Copper (as an integral part of dye molecule)	1 mg/m3 (copper)	No data available	OSHA Z-1
	1 mg/m3 (copper)	No data available	OSHA P0
	1 mg/m3 (copper)	No data available	ACGIH

Appropriate engineering controls: Handle only in a place equipped with local exhaust (or other appropriate exhaust).

Individual protection measures, such as personal protective equipment:

Eye/face protection: Wear safety glasses and a face shield where a splash hazard exists. Wear a full-face respirator, if needed. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin and Hand protection: Impervious gloves and protective clothing are recommended. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Respiratory protection: If engineering controls do not maintain airborne concentrations below recommended exposure limits or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information.

Other: Eye wash, safety shower and washing facilities should be available in the work area.

Thermal hazards: No data available.

SECTION 9: Physical and chemical properties

Appearance	
Physical state:	Liquid
Color:	Dark Blue
Odor:	not specified.
Odor threshold:	not required
pH:	6.5-7 (250 g/l)
Melting point/freezing point:	No data available
Initial Boiling Point and boiling range:	100 °C (1,013 hPa)
Flash point:	No data available
Evaporation rate:	No data available
Flammability (solid, gas):	Not applicable
Upper/lower flammability or explosive limits	
Flammability limit – lower %):	No data available
Flammability limit – upper (%):	No data available
Explosive limit – lower (%):	No data available
Explosive limit – upper (%):	No data available
Vapor pressure:	No data available
Vapor density (air=1):	No data available
Relative density (water = 1):	No data available
Solubility(ies):	miscible (20 °C)
Partition coefficient (n-octanol/water):	No data available
Ignition temperature:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
Viscosity @ 20°C:	No data available
Specific Gravity/Wt. per cc.	1.1g

SECTION 10: Stability and Reactivity

Reactivity:	Not chemically reactive.
Chemical stability:	Stable under normal ambient and anticipated conditions of use.
Possibility of hazardous reactions:	When used and handled as intended, none.
Conditions to avoid:	None known.
Incompatible materials:	None known.
Hazardous decomposition products:	None when used as directed.

SECTION 11: Toxicological information

Information on toxicological effects:

Acute Oral Toxicity	:	LD50 Rat	>5,000 mg/kg
Acute Inhalation Toxicity	:	No data available	

Acute Dermal Toxicity	:	No data available	
Caustic burning / irritation of skin	:	Rabbit	No skin irritation
Serious eye damage/eye irritation	:	Rabbit	No eye irritation
Respiratory/skin sensitization	:	No data available	
Carcinogenicity	:	No specific test data available. No evidence for hazardous properties (structure-activity-relationships) No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP, IARC, or OSHA.	
Reprotoxicity / teratogenicity	:	No data available	
CMR assessment	:	No	
General information	:	Avoid contact with the skin and eyes and inhalation of the product vapors.	

SECTION 12: Ecological information

Ecotoxicity:

Aquatoxicity, fish	:	LC0, Trout, 48 h	>100 mg/l
Aquatoxicity, invertebrates	:	No data available	
Aquatoxicity, algae / aquatic plants	:	No data available	
Toxicity in microorganisms	:	No data available	

Persistence and Degradability: No data available
Bioaccumulative Potential: No data available
Mobility in Soil: No data available
Other adverse effects: Information refers to the main component. Prevent substance from entering soil, natural bodies of water and sewer systems.

SECTION 13: Disposal considerations

Disposal instructions:
Product - Discharge, treatment, or disposal may be subject to national, state, or local laws.

Contaminated packaging - Contaminated packages must be emptied as good as possible. They may then be recycled after proper cleaning. Packages that cannot be cleaned must be disposed of in the same way as the substance. Uncontaminated packaging may be taken for recycling. Empty containers must be handled with care due to product residue.

SECTION 14: Transport Information

Land transport DOT
This material is not classified as dangerous under DOT regulations.

Maritime transport IMDG
This material is not classified as dangerous under IMDG regulations.

Air transport ICAO-TI and IATA-DGR
This material is not classified as dangerous under IATA regulations.

Transport in bulk (according to Annex II of MARPOL 73/78 and the IBC Code)
No further relevant information available.

Special precautions which a user needs to be aware of, or needs to comply with, in connection with transport or conveyance either within or outside their premises.
None.

SECTION 15: Regulatory Information

USA:

United States Federal Regulations: This SDS complies with the OSHA, 29 CFR 1910.1200. The product is hazardous under OSHA.

Toxic Substances Control Act (TSCA) – All substances in this product are listed, as required, or are exempt from the TSCA inventory.

CERCLA Hazardous Substance List, 40 CFR 302.4:

Components	CAS-No.	Component RQ (lbs)	Calculated product RQ
Copper (II) nitrate hydrate	10031-43-3	100	*

*Calculated RQ exceeds reasonably attainable upper limit.

SARA Title III
Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A): None

Section 311/312 (40 CFR 370):
Acute Health Hazard: Yes
Chronic Health Hazard: No
Fire Hazard: No
Pressure Hazard: No
Reactivity Hazard: No

Section 313 Toxic Release Inventory (40 CFR 372):

Components	CAS-No.
Copper (as an integral part of dye molecule)	7440-50-8

US STATE REGULATIONS:

This SDS contains specific health and safety data is applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.

California Proposition 65 (California Safe Drinking Water and Toxic Enforcement Act of 1986: This product does not contain chemicals known to the State of California to cause reproductive effects.

New Jersey Right to Know: Copper (as an integral part of dye molecule), 7440-50-8

Pennsylvania Right to Know: Copper (as an integral part of dye molecule), 7440-50-8

SECTION 16: Other Information

To the best of our knowledge, the information contained herein is accurate. However, CHEMEON Surface Technology, LLC does not assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

