



CHEMEON[®] Bright Dip

SECTION 1: Identification

Product identifier: CHEMEON[®] Bright Dip
Other Names: Metalast Bright Dip (prior to June, 2015).
Product Code Number: Not applicable.
Recommended use: Bright dip for aluminum.
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

Corrosive to metals (Category 1)

Health hazards

Acute toxicity, Oral (Category 3)
Skin corrosion (Category 1B)
Serious eye damage (Category 1)

Environmental hazards

No environmental hazards under GHS classification.

GHS Signal word: DANGER.

GHS Hazard statement(s): May be corrosive to metals.
Causes severe skin burns and eye damage.
Causes serious eye damage.
Harmful to aquatic life

GHS Hazard symbol(s):**GHS Precautionary statement(s):****Prevention:**

- Keep only in original container.
- Wash skin thoroughly after handling.
- Avoid release to the environment.
- Wear protective gloves/ protective clothing/ eye protection/ face protection

Response:

- IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a POISON CENTER or doctor/ physician.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/ physician.
- Wash contaminated clothing before reuse.
- Absorb spillage to prevent material damage.

Storage:

- Store locked up.

Disposal:

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

SECTION 3: Composition/information on ingredients
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Mixture:

Component	CAS No	Concentration (weight %)*
Nitric Acid	7697-37-2	1-10%
Phosphoric Acid	7664-38-2	30-75%

*Exact concentration is 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

Eyes: Flush with water for 15 minutes. If burning or irritation persist see a doctor.
 Skin: Flush with water for 15 minutes. If irritation persists see a doctor.
 Inhalation: Remove to fresh air.
 Ingestion: Induce vomiting if conscious. If unconscious get medical attention.

SECTION 5: Fire-fighting measures

Extinguishing Media	Water, CO2, Dry Chemicals
Special Firefighting Procedures	NA
Unusual Fire and explosion Hazards	Do not mix with organic materials

SECTION 6: Accidental release measures

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Collect with acid absorbent material or flush to drain.

NEUTRALIZING CHEMICALS: Caustic or soda ash.

WASTE DISPOSAL METHODS: The bath and the product should be neutralized to an acceptable pH and discarded. Soda ash or caustic may be used. Care should be taken since heat and steam may be produced especially when neutralizing the product.

SECTION 7: Handling and Storage

Precautionary Statements: Corrosive acid. Do not store with Alkalies. Do not allow to come in contact with iron or steel.

Other Handling and Storage Requirements: Do not store material with alkaline materials .

SECTION 8: Exposure controls/personal protection

Ventilation Requirements: Good Ventilation.

SPECIFIC PERSONNEL PROTECTIVE EQUIPMENT

Respiratory: None

Eye: Safety glasses, face shield or chemical goggles.
 Gloves: Rubber gloves.
 Other clothing and equipment Rubber apron, rubber boots

SECTION 9: Physical and chemical properties

Appearance and Odor	Clear slight green liquid
Boiling Point	212°F
Melting Point	NA
Freezing Point	<0° F
Vapor Pressure	NA
Vapor Density	NA
Specific Gravity/Wt.per gal	1.19/9.912
Solubility in Water %By wt	100
%Volatiles by wt	0
Evaporation Rate (Butyl Acetate=1)	Not Known
Flash Point	NA
Upper/Lower Flammability/explosive limit	NA
Odor Threshold	NA
Auto Ignition Temperature	NA
Decomposition Temperature	NA
Viscosity	1000 stokes
pH	<1

SECTION 10: Stability and Reactivity

Reactivity: No data available.
Chemical stability: Stable under recommended storage conditions.
Possibility of hazardous reactions: No data available
Conditions to avoid: No data available
Incompatible materials: Strong alkalines, iron, or steel
Hazardous decomposition products: Nitrous oxide fumes if iron is contacted.

SECTION 11: Toxicological information

Information on toxicological effects:

Acute Oral Toxicity	: No data available
Acute Inhalation Toxicity	: No data available
Acute Dermal Toxicity	: No data available
Skin corrosion/irritation	: No data available
Serious eye damage/eye irritation	: No data available
Respiratory/skin sensitization	: No data available
Aspiration toxicity	: No data available
Mutagenicity assessment	: No data available

Carcinogenicity:

IARC	No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.
ACGIH	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
NTP	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.
OSHA	No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reprotoxicity / teratogenicity	: No data available
General information	: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

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 effects:	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life.

SECTION 13: Disposal considerations

Product - The bath and the product should be neutralized to an acceptable pH and discarded. Soda ash or caustic may be used. Care should be taken since heat and steam may be produced especially when neutralizing the product.

SECTION 14: Transport Information**Land transport DOT**

UN number: 1760 Class: 8 Packing group: II
 Proper shipping name: Corrosive liquid, n.o.s., (Nitric, Sulfuric acids, Phosphoric Acids)
 Reportable Quantity (RQ):
 Poison Inhalation Hazard: No

Maritime transport IMDG

UN number: 1760 Class: 8 Packing group: II
 Proper shipping name: Corrosive liquid, n.o.s., (Nitric, Sulfuric acids, Phosphoric Acids)

Air transport ICAO-TI and IATA-DGR

UN number: 1760 Class: 8 Packing group: II
Proper shipping name: Corrosive liquid, n.o.s., (Nitric, Sulfuric acids, Phosphoric Acids)

SECTION 15: Regulatory Information

SARA 302 Components

The following components are subject to the reporting requirements of SARA Title III, Section 302:

Phosphoric acid, 7664-38-2

Nitric acid, 7697-37-2

SARA 313 Components

The following components are subject to the reporting requirements of SARA Title III, Section 313:

Phosphoric acid, 7664-38-2

Nitric acid, 7697-37-2

SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

Phosphoric acid, 7664-38-2

Nitric acid, 7697-37-2

Pennsylvania Right To Know Components

Phosphoric acid, 7664-38-2

Nitric acid, 7697-37-2

New Jersey Right To Know Components

Phosphoric acid, 7664-38-2

Nitric acid, 7697-37-2

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

SECTION 16: Other Information

HMIS: Fire 0 Health 3 Reactivity 2 Personal Protection D

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.