



CHEMEON® Deox 3100

I IDENTIFICATION

Product identifier: CHEMEON® Deox 3100
Other Names: Metalast Deox 3100 (prior to June, 2015)
Product Code Number: Not applicable.
Recommended use: Aluminum deoxidizer.
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.

II HAZARD IDENTIFICATION



DANGER

Acute toxicity oral=3, Skin corrosion=1B, Serious eye damage=1

May be corrosive to metals. Causes severe skin burns and eye damage. Causes serious eye damage.
Harmful to aquatic life.

Prevention • Response • Storage/Disposal •

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

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. Store locked up. Dispose of contents/container to an approved waste disposal plant.

II I COMPOSITION/INFORMATION ON INGREDIENTS

| Material or Component | CAS No | %* | Hazard Data |
|-----------------------|------------|-----|--------------------------------------------|
| Sulfuric Acid | 7664-93-9 | 17 | 1 mg/m ³ (OSHA PEL) |
| Nitric Acid | 7697-37-2 | 15 | 2 mg/m ³ (OSHA PEL) |
| Ammonium Bifluoride | 1341-49-7 | 1 | 2.5 mg/m ³ (OSHA PEL) |
| Ferric Sulfate | 10028-22-5 | >20 | 1 mg/m ³ (ACGIH exposure limit) |

*exact concentration is trade secret the range given is meant to help with protecting workers

IV FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES:

| | |
|-------------|---------------------------------------------------------------------------------|
| 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. |

V FIRE FIGHTING MEASURES

| | |
|------------------------------------|----------------------------------------|
| Extinguishing Media | Water, CO ₂ , Dry Chemicals |
| Special Firefighting Procedures | NA |
| Unusual Fire and explosion Hazards | Do not mix with organic materials |

VI 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.

VII 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.

VIII 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

IX PHYSICAL AND CHEMICAL PROPERTIES

| | |
|------------------------------------------|-------------------------------------------------|
| Appearance and Odor | Deep orange-brown liquid with little or no odor |
| Boiling Point | 212°F |
| Melting Point | NA |
| Freezing Point | <0° F |
| Vapor Pressure | NA |
| Vapor Density | NA |
| Specific Gravity/Wt.per gal | 1.37 |
| 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 |

X. STABILITY AND REACTIVITY

CONDITIONS CONTRIBUTING TO INSTABILITY: None

INCOMPATIBILITY: Strong Alkalies, iron, or steel

HAZARDOUS DECOMPOSITION PRODUCTS: Nitrous oxide fumes if iron is contacted.

CONDITIONS CONTRIBUTING TO HAZARDOUS POLYMERIZATION: None.

XI TOXICOLOGICAL INFORMATION

EMERGENCY AND FIRST AID PROCEDURES:

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.

Routes of Exposure

Inhalation: If misted will cause irritation to nose and throat.
 Skin Contact: Will cause irritation and redness.
 Skin Absorption: Not absorbed
 Eye Contact: Will cause irritation and redness. If not treated could cause burns and blindness.
 Ingestion: Will be irritating to throat and stomach.

Effects Of Overexposure

Acute Overexposure: Will cause irritation and redness to skin, eyes, nose and throat. On prolonged contact will cause burns, blisters, and in eyes may cause blindness. If ingested can cause death.

Chronic Overexposure: None known.

XII. ECOLOGICAL INFORMATION

Not Known

XIII. DISPOSAL CONSIDERATIONS

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.

XIV. TRANSPORT INFORMATION

UN 1760, Corrosive liquid, n.o.s. (Nitric, Sulfuric Acids), 8, PGII

XV. REGULATORY INFORMATION

This product contains a chemical which is subject to the reporting requirements of Section 313 of the Emergency Planning Community Right-To-Know Act of 1986 and of 40 CFR 372

XVI. 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.