

Section 1 - IdentificationProduct Name: **B.O.C. # 2, Radex[®]**

A granular caustic paint stripper and boiling out compound.

Revised: 4/28/15

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Section 2 - Hazards Identification

Hazard categories: Corrosive to metals 1; Skin Corrosion/Irritation 1

Hazard statements: May be corrosive to metals. Causes severe skin burns and eye damage.

Signal word: Danger

Pictogram: Corrosion

Precautionary statements

Prevention

Keep only in original container.

Do not breath dusts or mists.

Wash hands thoroughly after handling.

Wear protective gloves such as latex.

Wear eye protection such as safety glasses with side shields.

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

Absorb spillage to prevent material damage.

Storage: Store in corrosive resistant container with a resistant inner liner. Store locked up.Disposal: Dispose of contents in accordance with local, regional, national and international regulations.**Section 3 - Composition / Information on Ingredients**

Ingredient	C.A.S. No.	Concentration
Sodium hydroxide	1310-73-2	85%
Sodium gluconate	527-07-1	10%
Sodium tripolyphosphate	7758-29-4	3%

The remaining ingredients are not reportable as described in Appendix D to Sec. 1910.1200 Table D.1.

Section 4 - First Aid Measures**Eye Contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing, lifting upper and lower eyelids occasionally. If eye irritation persists: Get medical attention.**Skin Contact:** Immediately brush off any visible granules. Immediately flush the exposed skin with water in the sink or safety shower. Granules may be brushed off of clothing and it should be determined whether to immediately change clothing or not. Launder contaminated clothing before reuse. Discard contaminated shoes. If irritation persists, get medical attention.**Inhalation:** Move the affected person to fresh air. If irritation persists get medical attention.**Ingestion:** If the product is swallowed, do NOT induce vomiting. If the affected person is conscious, give a glass of water or milk to drink. Treat for shock by keeping the person warm and quiet. Get medical attention immediately.**Section 5 - Fire-Fighting Measures****Extinguishing Media:** Any**Special Fire Fighting Procedures:** None.

Unusual Fire And Explosion Hazards: When heated in a fire a small amount of oxygen may be liberated which could burst a sealed container. Damp material in contact with organic material such as paper, wood, cloth, etc., may cause spontaneous combustion of the organic material.

Section 6 - Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Sweep up.

Section 7 - Handling and Storage

Store in a dry area and keep container closed. Keep water out of container. Do not store near acids. Addition to water generates heat. Add slowly to cold water only to prevent splattering. Do not put aluminum or magnesium components into the solution. They will dissolve and liberate flammable hydrogen gas. Empty containers retain product residue and may be hazardous. Observe all precautions given in this data sheet.

Section 8 - Exposure Controls / Personal Protection

Ingredient	C.A.S. No.	Concentration	TWA(source)	STEL	Ceiling
Sodium Hydroxide	1310-73-2	85%	2 mg/m ³ (2)	-	2 mg/m ³ (3,4)

(1)=OSHA (2)=NIOSH (3)=ACGIH (4)=CANADA TWA=8 hour Time Weighted Average STEL=15 minute TWA Ceiling=Instantaneous
Ingredients not shown either have no known limits or are below reportable levels in section 3 above.

Ventilation: None when used as directed.

Respiratory Protection: If dust may be inhaled in excess of OSHA limits, a NIOSH approved breathing apparatus or respirator should be used. If minor dust causes irritation, wear a nuisance dust mask while scooping and handling dry product.

Gloves: Use rubber or latex gloves. Disposable latex gloves do not provide sufficient protection.

Eye Protection: Safety glasses with side shields, chemical splash goggles or a face shield, as needed, depending on the amount of exposure and hazard expected.

Other Protective Equipment: An eyewash station and a safety shower meeting ANSI Standards should be located within 10 seconds travel time. Wear impervious clothing, apron and boots depending on the amount of exposure and hazard expected.

Section 9 - Physical and Chemical Properties

Appearance and Odor: A white to tan granular/powdered solid with little odor.	
Odor Threshold: Not Available	Vapor Pressure: Not Applicable
pH: of 6% w/w solution: 13.5 ± 0.5	Vapor Density: Not Applicable
Melting Point: Not Available	Relative Density (Specific Gravity): 2.13
Freezing Point: Not Available	Solubility(ies): Water: 100%
Boiling Point, Initial: 2,536° F.	Partition coefficient: Not Available
Boiling Range: Not Available	Auto-ignition Temperature: Not Applicable
Flash Point: None. (ASTM D-56 closed cup)	Decomposition Temperature: Not Applicable
Evaporation Rate: Not Applicable	Viscosity: Not Applicable
Flammability: (solid, gas): Not flammable	Volatiles Percent: 0%
Upper Explosive Limit: None	V.O.C.: 0% - 0 grams/liter
Lower Explosive Limit: None	

Section 10 - Stability and Reactivity

Incompatibility: strong acids such as sulfuric, hydrochloric, nitric, etc., reactive metals such as aluminum and magnesium.

Hazardous Decomposition Products: Contact with reactive metals releases small amounts of flammable hydrogen gas. Solution in water releases heat and may boil the water.

Section 11 - Toxicological Information

Target Organs: None.

Primary Routes of Entry: Skin contact; Skin absorption; Inhalation; Ingestion

Potential Health Effects:

Eyes - dry product, dust and solutions cause immediate, severe and possibly permanent damage or blindness.

Skin - dry product or dust becomes corrosive as soon as it becomes damp from humidity or sweat. Dry product may penetrate deeply into tissues. Solutions are very corrosive even in very small amounts. Considerable damage may be done before pain or irritation is noticed. Severe burns may require skin grafting. Even small amounts of dust landing on the skin will remove hair and cause irritation, especially when skin is moist.

Swallowing - causes severe irritation and damage to mucous membranes. It may penetrate to other organs.

Breathing - excessive inhalation of dust can cause irritation or serious damage to nose and airways.

Section 12 - Ecological Information

Do not dispose of product in the environment.

Section 13 - Disposal Considerations

Waste Disposal Method: Amounts of a few pounds or less may be rinsed to a sanitary sewer with lots of water. (Product is like drain opener.) Larger amounts should be dissolved in water and neutralized before putting down the drain or disposed of by an approved hazardous waste handler. Call Damon Industries for more information.

Section 14 - Transport Information

D.O.T. Hazard Class: Sodium Hydroxide, Solid, 8, UN 1823, PG II

Section 15 - Regulatory Information

The components of this product are on the TSCA inventory of chemical substances.

Section 16 - Other Information

NFPA: H:3 F:0 I:1 **HMIS® III:** H:3 F:0 P:1 These ratings estimates are to be used only with a fully implemented training program in the workplace. NFPA® is a mark registered by the NFPA. HMIS® is a mark registered by the NPCA.

Replaces sheet dated 4/17/09. GHS conversion.

The information accumulated herein is believed to be accurate but is not warranted to be. Recipients are advised to confirm in advance that the information is current, applicable, and suitable to their circumstances.