Section 1 CHEMICAL PRODUCT and COMPANY IDENTIFICATION

Identification: Product Name: **BC4002**
Recommended use: Polishing
Manufacturer: Osborn
3440 Symmes Road
Hamilton, OH 45015
Telephone: 513-860-3400

Emergency telephone: ChemTrec (24hr) 800-424-9300

Section 2 HAZARDS IDENTIFICATION

Hazard Classification: Irritant

WARNING: Dust produced in use may temporarily irritate eyes, skin, and respiratory system.

Hazard Pictogram:



Hazard Classifications

NFPA HAZARD RATING:	Fire: (1, minimal)	Health: (2, slight)	Reactivity: (1, minimal)
GHS HAZARDS:	Fire: (5, minimal)	Health: (4, slight)	Reactivity: (5, minimal)

National Fire Protection Association (NFPA) Ratings: This information is intended solely for the use of individuals trained in the NFPA system.

Hazard phrases: H316, H320, H335: Dust produced during use may cause mild irritation of skin, eyes, and respiratory tract.

Precautionary Phrases:
P102: Keep out of reach of children.
P261: Avoid breathing dust, may cause respiratory tract irritation
P264: Wash thoroughly after handling. Avoid skin irritation by wearing protective gloves. If needed wear eye protection and dust mask.

Emergency Overview: Dust generated in use may cause temporary irritation to skin, eyes, nose, and respiratory tract. Exposure should be minimized.

Section 3 COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS Number	EC Number	% Range
Chromium (III) Oxide	1308-38-9	215-160-9	80-90
Tallow derivatives	Proprietary	Proprietary	10-20

Section 4 FIRST AID MEASURES

General: Remove contaminated clothing.
Inhalation: If excessive dust is inhaled, remove to fresh air. Seek medical attention if breathing difficulties persist.
Eye Contact: Check for and remove any contact lenses. Flush eyes with large amounts of water, cold water may be used. Seek medical attention if vision difficulties occur.
Skin Contact: Wash contaminated skin with soapy water. Remove contaminated clothing and shoes. Wash clothing and shoes before reuse.
Ingestion: Immediately rinse mouth and drink plenty of water. DO NOT INDUCE VOMITING unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Ingestion of small quantities

is not expected to produce symptoms. If large quantities are swallowed, obtain medical help.

Section 5 FIRE FIGHTING MEASURES

Explosion hazard: None
Suitable extinguishing media: Dry chemical, alcohol foam, carbon dioxide, gentle water flow
Fire hazard: Contains combustible wax or grease which may liquefy and flow when heated
Firefighters should use self-contained breathing apparatus.

Section 6 ACCIDENTAL RELEASE MEASURES

Emergency Action: If material cannot be recovered, transfer to waste container and dispose in local landfill, in compliance with local, state and federal regulations.

Section 7 HANDLING AND STORAGE

Handling: Wear protective gloves if skin irritation is experienced. Wash hands before eating. Avoid breathing dust produced in use.
Storage: Store at room temperature away from excessive heat.

Section 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

	CAS Number	EC Number	OSHA PEL	ACGIH TLV
Chromium (III) Oxide	1308-38-9	215-160-9	1 mg/m 3 TWA	0.5 mg/m 3 TWA

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep dust levels below occupational exposure limits. See section 2 for component exposure guidelines. Local exhaust ventilation is acceptable.
Respirator: Use a NIOSH-certified dust mask or equivalent.
Hand Protection: Wear gloves.
Eye Protection: Protective eye-wear should be used in dusty environment.
Other Recommendations: Wear protective clothing such as long sleeves. Wash hands after handling.

Section 9 PHYSICAL AND CHEMICAL PROPERTIES

Density	Approximately 2.0 g/cm3	**pH**	NA
Physical State	Solid bar	**Boiling Point**	NA
Appearance	Green	**Freeze Point**	NA
Odor	Mild or none	**Vapor Density (Air=1)**	NA
Solubility in water	Insoluble		

Section 10 STABILITY AND REACTIVITY

General: Stable
Incompatible Materials and Conditions to Avoid: Strong oxidizing agents
Hazardous Polymerization: Will not occur.

Section 11 TOXICOLOGY INFORMATION

No information available on Acute or Chronic ingestion or inhalation toxicity.
No ingredients present above 0.1% which are carcinogenic according to NTP, IARC, or OSHA findings.

Section 12 ECOLOGICAL INFORMATION

All ingredients are inert in the environment, or biodegrade to non-hazardous compounds.

Section 13 DISPOSAL CONSIDERATIONS

RCRA 40 CFR 261 Classifications: Not classified as hazardous. Federal, State, and Local laws governing disposal of material can differ. Ensure proper disposal compliance with proper authorities before disposal.

Section 14 TRANSPORTATION INFORMATION

NON-HAZARDOUS MATERIAL Not regulated for transportation under US **DOT**, **IATA**, **ICAO**, **IMDG**, Canadian **TDG** Regulations, or EU **ADR**.

Section 15 REGULATORY INFORMATION

US Federal Regulations: SDS complies with the OSHA Hazard Communication Rule, 29 CFR 1910.1200.

- CERCLA/Superfund, 40 CFR 117, 302: None of the chemicals are CERCLA hazards
- SARA Superfund and Reauthorization Act of 1986 Title III sections 302, 311, 312 and 313:
- Section 302 – None of the chemicals are extremely hazardous substances (40 CFR 355).
- Section 311/312 – Material Safety Data Sheet Requirements (40 CFR 370): By our hazard evaluation, this product may be an eye and skin irritant.
- Section 313 – List of Toxic Chemicals (40CFC 372): This product contains no chemicals (at level of 1% or greater) that are found on the 313 list of Toxic Chemicals.
- Toxic Substance Control Act (TSCA): All substances are TSCA listed.
- Resource Conservation and Recovery Act (RCRA 40 CFR 261) Subpart C & D: Refer to Section 13.

STATE REGULATIONS:

- No substances in this mixture are specifically listed by individual state. Other product specific health and safety data in other sections of the SDS may also be applicable for state requirements. For details on your regulatory requirements you should contact the appropriate agency in your state.
- California Proposition 65: None of the ingredients are on the Proposition 65 list
- Canada WHMIS: Not Controlled. All components of this product are included in the Canadian DSL (Domestic Substances List)

Sections 16 OTHER INFORMATION

SHIPPING INFORMATION: For Shipping information refer to section 14.

REVISION DATES	SECTIONS	REVISED BY
11/24/2020	Company info	eb

ABBREVIATIONS USED IN THIS DOCUMENT: NE – Not Established, NA – Not Applicable, NIF – No Information Found

ABRIDGED LIST OF REFERENCES:

Code of Federal Regulations (CFR)
Chemical Guide and OSHA Hazardous Communication Standard
US Department of Labor; Occupational Safety & Health Administration (www.osha.gov)
The Environmental Protection Agency (www.epa.gov)
The Globally Harmonized System of Classification and Labeling of Chemicals (GHS)
Government of Canada: http://canadagazette.gc.ca/news-e.html

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