

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identification

Product Name: Pre-Buff - Niranium
Product Number: 809003
Chemical Name: Buffing compound
Chemical Family: N/A
CAS Number: Blend

Company Identification

Niranium Co., Div. of CMP Industries LLC
413 North Pearl St
Albany, NY 12207-1311 USA
(518)-434-3147 (For product information)
(800)-424-9300 (For emergencies)
1-800-424-9300 or 1-202-483-7616 (CHEMTREC)

2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Amount</u>	<u>CAS Number</u>
GLYCERIDES	17.0 - 23.0 %	68424-60-2
FATTY ACIDS	17.0 - 23.0 %	555-43-1
ALUMINUM OXIDE, DUST	65.0 - 75.0 %	1344-28-1
QUARTZ (SILICA DUST)	12.0 - 14.0 %	14808-60-7

(See Section 8 for exposure guidelines)

(See Section 15 for regulatory information)

HAZARDS DISCLOSURE

This product contains hazardous materials as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

As defined under Sara 311 and 312, this product contains materials that are acute hazards.



3. HAZARDS IDENTIFICATION

***** EMERGENCY OVERVIEW *****
*
* N/A. *
* *

NFPA Rating - Health:
Flammability:
Reactivity:
Special Hazard: N/A

POTENTIAL HEALTH EFFECTS

EYE:
May cause slight irritation.

SKIN:
May cause skin irritation.

INHALATION:
May be slightly irritating to respiratory tract.

INGESTION:
Ingestion is not considered a potential route of exposure.

CHRONIC EFFECTS:
Injury to Pulmonary System may result due to long term exposure.

REPRODUCTIVE HAZARDS:
None.

CARCINOGENICITY INFORMATION:
No known cancer hazards.

4. FIRST AID MEASURES

EYE CONTACT FIRST AID:
Flush eye with water for 15 minutes.

SKIN CONTACT FIRST AID:
Immediately wash skin with soap and plenty of water.

INHALATION FIRST AID:
If breathing is difficult, remove to fresh air and provide oxygen. Seek medical attention.



(section 4 continued)

INGESTION FIRST AID:

Induce vomiting by sticking finger down throat. Never give anything by mouth to anyone unconscious or suffering convulsions.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

TCC Flash Point: 176.7 C (350.1 F)
Autoignition Temperature: 300.0 C (572.0 F)

FLAMMABLE LIMITS IN AIR

LEL: None
UEL: None

FLAMMABLE PROPERTIES:

None.

EXTINGUISHING MEDIA:

None.

FIRE & EXPLOSION HAZARDS:

Contact with reactive metals such as Aluminum may result in the generation of flammable hydrogen gas.

FIRE FIGHTING INSTRUCTIONS:

Avoid breathing smoke, fumes, and decomposition products. As in any fire, wear self-contained breathing apparatus pressure-demand MSHA/NIOSH (approved or equivalent) and full protective gear.

6. ACCIDENTAL RELEASE MEASURES

SAFEGUARDS (PERSONNEL):

Wear appropriate personal protective equipment.

LARGE SPILLS PROCEDURE:

Contain spilled material.

SMALL SPILLS PROCEDURE:

Poses no special clean up problem.

7. HANDLING AND STORAGE

HANDLING (PERSONNEL):

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(section 7 continued)

Use care in handling/storage. Wash hands thoroughly after handling.

HANDLING (PHYSICAL ASPECTS):

Store in a cool dry area.

STORAGE PRECAUTIONS:

Store in a cool dry place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

ENGINEERING CONTROLS:

If user operations generate dust, fume, or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.

EYE / FACE PROTECTION REQUIREMENTS:

Chemical goggles are recommended to avoid contact with eyes.

SKIN PROTECTION REQUIREMENTS:

Wear protective gloves to minimize skin contamination. Wash hands thoroughly after handling.

RESPIRATORY PROTECTION REQUIREMENTS:

Atmospheric levels should be maintained below the exposure guideline.

EXPOSURE GUIDELINES:

ALUMINUM OXIDE, DUST

OSHA PEL: 15 mg/m³

OSHA TWA: 10 mg/m³

QUARTZ (SILICA DUST)

OSHA PEL: 2.5 mg/m³

OSHA TWA: .1 mg/m³

9. PHYSICAL AND CHEMICAL PROPERTIES

FORM: Solid Stick
COLOR: Varies
ODOR: Mild Waxy
SOLUBILITY IN WATER ...: Insoluble
SPECIFIC GRAVITY: more than 1.2 (Water = 1)

10. STABILITY AND REACTIVITY

STABILITY:

Stable.



(section 10 continued)

POLYMERIZATION:

Product will not undergo polymerization.

INCOMPATIBILITY WITH OTHER MATERIALS:

Avoid contact with sodium hydroxide.

DECOMPOSITION:

Decomposition will not occur.

CONDITIONS TO AVOID:

Keep out of sun and Keep away from heat.

11. TOXICOLOGICAL INFORMATION

CHRONIC EFFECTS /:

May cause respiratory disease.

PETROLEUM WAXES

Test Code: TDLO

Species: Rat

Results: 120 mg/kg produced tumorigenic effects in the kidneys, ureter and bladder (bladder tumors).

ALUMINUM OXIDE, DUST

Test Code: TDLO

Species: Rat

Results: 90 mg/kg (implant)

QUARTZ (SILICA DUST)

Test Code: LCLO

Species: Human

Results: 300 micrograms/m³/10 yr effects the liver.

QUARTZ (SIO₂)

Test Code: TDLO

Species: Rat

Results: 200 mg/kg

Test Code: TCLO

Species: Human

Results: 6 mppcf/17.9 yrs. produces pulmonary fibrosis, cough and difficult breathing.

12. ECOLOGICAL INFORMATION



(section 12 continued)

No information available.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:

In case of spill, sweep material into containers. Buffing wheel may contain wheel lint that is combustible. Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements.

14. TRANSPORTATION INFORMATION

PRODUCT LABEL: Pre-Buff - Niranium
D.O.T. SHIPPING NAME: Non-toxic, Non-hazardous
TECHNICAL SHIPPING NAME ...: N/A
D.O.T. HAZARD CLASS: None
UN NUMBER: N/A

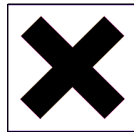
15. REGULATORY INFORMATION

REGULATORY LISTS SEARCHED:

01 = SARA 313	02 = CA Proposition 65
03 = SARA 302/304	04 = CERCLA 302.4
05 = ACGIH TWA	06 = ACGIH STEL
07 = ACGIH CALC TLV	08 = OSHA PEL
09 = CANADIAN WHMIS	10 = OSHA Ceiling

EEC Symbols and Indications of Danger:

Irritant (Xi)



R-Phrases:

R36/38 - Irritating to eyes and skin.

S-Phrases:

S3 - Keep in a cool place.

WHMIS Hazard Symbols:

Class D2 - Materials Causing Other Toxic Effects, Class F - Dangerously Reactive Material





Canadian Disclosure List

ALUMINUM OXIDE, DUST (1344-28-1)
QUARTZ (SILICA DUST) (14808-60-7)

SARA Title III - Section 313

ALUMINUM OXIDE, DUST (1344-28-1)
QUARTZ (SILICA DUST) (14808-60-7) --

Title V

ALUMINUM OXIDE, DUST (1344-28-1)

16. OTHER INFORMATION

PREPARED BY: Regina Lane
APPROVED BY: Abdul Khan
TITLE: Q. C. Manager
APPROVAL DATE: July 26, 2006
SUPERCEDES DATE ...: April 17, 2003
MSDS NUMBER: 809003
RTN NUMBER: 00000009 (Official Copy)

ABBREVIATIONS USED IN THIS MSDS:

TLV - THRESHOLD LIMIT VALUE	TWA - Time Weighted Average
STEL - SHORT TERM EXPOSURE LIMIT	TPQ - Threshold Planning Quantity
RQ - REPORTABLE QUANTITY	PEL - Permissible Exposure Limit
C - CEILING LIMIT	CAS - Chemical Abstract Service Number
NDA - NO DATA AVAILABLE	N/A - Not Applicable or Not Available

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END OF MSDS

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