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Revision: 09/05/2017 Supersedes Revision: 02/02/2015

#### 1. Product and Company Identification

Product Code: 10120

Product Name: No. 7 Chrome & Metal Polish

**Company Name:** CYCLO INDUSTRIES, INC. **Phone Number:** 902 SOUTH US HIGHWAY 1 (800)843-7813

JUPITER, FL 33477

Web site address:www.cyclo.comEmail address:ehs@cyclo.com

Emergency Contact: First Aid Emergency (800)752-7869

CHEMTREC (703) 527-3887 (800)424-9300 First Aid Emergency (Outside U.S.) (312)906-6194

Intended Use: Chrome & Metal Polish

#### 2. Hazards Identification

Acute Toxicity: Skin, Category 1

Specific Target Organ Toxicity (single exposure), Category 3

Serious Eye Damage/Eye Irritation, Category 1



Information:





GHS Signal Word: Danger

GHS Hazard Phrases: H314: Causes severe skin burns and eye damage.

H318: Causes serious eye damage. H400: Very toxic to aquatic life.

**GHS Precaution Phrases:** P260: Do not breathe dust/fume/gas/mist/vapours/spray.

P264: Wash hands thoroughly after handling.

P270: Do not eat, drink or smoke when using this product. P271: Use only outdoors or in a well-ventilated area.

P273: Avoid release to the environment.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P362+364: Take off contaminated clothing and wash it before reuse.

GHS Response Phrases: 301+330+331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position

comfortable for breathing.

P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated

clothing. Rinse skin with water/shower.

P363: Wash contaminated clothing before reuse.

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P309+311: Call a POISON CENTER or doctor/physician if exposed or you feel unwell.

**GHS Storage and Disposal** 

P405: Store locked up.

Phrases: P403+233: Store container tightly closed in well-ventilated place.

P501: Dispose of contents/container in accordance with

local/regional/national/international regulation.



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## 3. Composition/Information on Ingredients

CAS# **Hazardous Components (Chemical Name)** Concentration 1344-28-1 10.0 -20.0 % Aluminum oxide 0.5 -5.0 % 1336-21-6 Ammonium hydroxide

#### 4. First Aid Measures

**Emergency and First Aid** 

**Procedures:** 

If swallowed, do not induce vomiting. If inhaled, remove to fresh air. In case of skin contact, wash with soap and water and rinse thoroughly. If in eyes, rinse cautiously with water for several minutes, Remove contact lenses, if present and easy to do. Continue rinsing. Call physician immediately if adverse reaction occurs.

#### 5. Fire Fighting Measures

N.A. Flash Pt:

LEL: No data. **Explosive Limits:** UEL: No data.

No data. **Autoignition Pt:** 

Suitable Extinguishing Media: CO2, dry chemical, chemical foam or water fog.

**Fire Fighting Instructions:** Self-contained breathing apparatus and bunker gear recommended. Product should be

cooled with water fog if exposed to heat. Keep away from open flame.

Flammable Properties and

Hazards:

No data available.

**Hazardous Combustion** No data available.

Products:

#### 6. Accidental Release Measures

Steps To Be Taken In Case Material Is Released Or Spilled:

Dyke or pill area. Absorb free liquid with absorbent material. Wash area down thoroughly with soap and water and rinse. Prevent entrance into sewers and waterways.

## 7. Handling and Storage

Precautions To Be Taken in

Handling:

Do not breathe dust/fume/gas/mist/vapours/spray. Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Take off contaminated clothing and wash it before reuse. Keep out of the reach of children.

Precautions To Be Taken in

Store locked up. Store container tightly closed in well-ventilated place.

Storing:

# 8. Exposure Controls/Personal Protection

	<u>-</u>				
CAS#	Partial Chemical Name	OSHA TWA	ACGIH TWA	Other Limits	
1344-28-1	Aluminum oxide	PEL: 15 (dust); 5 (resp.) mg/m3	TLV: 10 mg/m3 (E)	No data.	
1336-21-6	Ammonium hydroxide	No data.	No data.	No data.	

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**Respiratory Equipment** 

(Specify Type):

Use NIOSH approved respirator in confined areas or if fumes are excessive.

**Eye Protection:** Safety glasses with splash guards recommended.

**Protective Gloves:** Vinyl or rubber.

Other Protective Clothing: Use as needed to minimize prolonged skin contact. Launder soiled clothing before

reuse.

**Engineering Controls** 

(Ventilation etc.):

No data available.

Work/Hygienic/Maintenance Eyewashes and safety showers in the workplace are recommended. Always wash hands

Practices: and face before consuming food or beverages.

9. Physical and Chemical Properties

**Physical States:** [X] Liquid [ ] Solid

Semi-viscous orange/brown liquid with an ammonia odor. Appearance and Odor:

9.0 - 10.2 pH: **Melting Point:** No data.

No data. **Boiling Point:** N.A. Flash Pt: < 1 **Evaporation Rate:** 

Flammability (solid, gas): No data available.

LEL: No data. UEL: No data. **Explosive Limits:** 

Vapor Pressure (vs. Air or

mm Hg):

No data.

Vapor Density (vs. Air = 1): > 1

Specific Gravity (Water = 1): 1.05 - 1.10 Solubility in Water: Miscible Octanol/Water Partition No data.

Coefficient:

Percent Volatile: 3.0 % by weight.

**Autoignition Pt:** No data. **Decomposition Temperature:** No data. Viscosity: No data.

10. Stability and Reactivity

Unstable [ ] Stable [X] Stability:

**Conditions To Avoid -**

Instability:

Open flame.

Incompatibility - Materials To Strong acids and oxidizers.

Avoid:

Hazardous Decomposition or No data available.

**Byproducts:** 

**Possibility of Hazardous** Will occur [ ] Will not occur [X]

Reactions:

**Conditions To Avoid -**Keep from freezing.

**Hazardous Reactions:** 

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#### 11. Toxicological Information

**Toxicological Information:** CAS# 1344-28-1:

Tumorigenic Effects:, TDLo, Intrapleural, Rat, 90.00 MG/KG.

Results:

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria.

Lungs, Thorax, or Respiration: Tumors.

- British Journal of Cancer., Macmillan Press Ltd, Houndmills, Basingstoke, Hampshire

RG21 2XS UK, Vol/p/yr: 28,173, 1973

Tumorigenic Effects:, TDLo, Implant, Rat, 200.0 MG/KG.

Results:

Tumorigenic: Neoplastic by RTECS criteria. Tumorigenic:Tumors at site of application.

- JNCI, Journal of the National Cancer Institute., For publisher information, see JNCIEQ.,

Washington, DC, Vol/p/yr: 67,965, 1981

Tumorigenic Effects:, TDLo, Implant, Rat, 200.0 MG/KG.

Results:

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria.

Tumorigenic:Tumors at site of application.

- IARC Scientific Publications., For publisher information, see IAPUDO, Geneva

Switzerland, Vol/p/yr: 8,289, 1973

CAS#	Hazardous Components (Chemical Name)	NTP	IARC	ACGIH	OSHA
1344-28-1	Aluminum oxide	n.a.	n.a.	A4	n.a.
1336-21-6	Ammonium hydroxide	n.a.	n.a.	n.a.	n.a.

# 12. Ecological Information

No data available.

# 13. Disposal Considerations

Waste Disposal Method: Dispose of contents/container in accordance with local/regional/national/international

regulation.

# 14. Transport Information

#### LAND TRANSPORT (US DOT):

**DOT Proper Shipping Name:** Not-Regulated

DOT Hazard Class: UN/NA Number:

LAND TRANSPORT (European ADR/RID):

ADR/RID Shipping Name: Not-Regulated

UN Number: Hazard Class:

MARINE TRANSPORT (IMDG/IMO):

IMDG/IMO Shipping Name: Not-Regulated

AIR TRANSPORT (ICAO/IATA):

ICAO/IATA Shipping Name: Not-Regulated

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## 15. Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS # Hazardous Components (Chemical Name) S. 302 (EHS) S. 304 RQ S. 313 (TRI)

1344-28-1 Aluminum oxide No No Yes

1336-21-6 Ammonium hydroxide No Yes 1000 LB No

CAS # Hazardous Components (Chemical Name) Other US EPA or State Lists

1344-28-1 Aluminum oxide CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes -

Inventory; CA PROP.65: No; CA TAC, Title 8: No; MA
Oil/HazMat: No; MI CMR, Part 5: No; NC TAP: No; NJ EHS:
Yes - 2891; NY Part 597: No; PA HSL: Yes - E; SC TAP: No;

WI Air: No

1336-21-6 Ammonium hydroxide CAA HAP,ODC: No; CWA NPDES: No; TSCA: Yes -

Inventory; CA PROP.65: No; CA TAC, Title 8: Title 8; MA Oil/HazMat: Yes; MI CMR, Part 5: Part 5; NC TAP: No; NJ EHS: No; NY Part 597: Yes; PA HSL: Yes - E; SC TAP: No;

WI Air: No

CAS # Hazardous Components (Chemical Name) International Regulatory Lists

1344-28-1 Aluminum oxide Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA:

Yes

1336-21-6 Ammonium hydroxide Canadian DSL: Yes; Canadian NDSL: No; Taiwan TCSCA:

Yes

#### 16. Other Information

**Revision Date:** 09/05/2017

**Hazard Rating System:** 

Flammability Instability
Health
NFPA: Special Hazard

Additional Information About No data available.

**This Product:** 

**Company Policy or** 

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