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**CONNOISSEURS**<sup>®</sup>

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**MATERIAL SAFETY DATA SHEETS**

For  
**METAL POLISH**

**Polish Metal**  
**307021**

**Model #: 1031**

**MATERIAL SAFETY DATA SHEET**

Connoisseurs Products urges each customer or recipient of this MSDS to study it carefully to become aware of and understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology, and fire prevention, as necessary or appropriate to use and understand the data contained in this MSDS.

To promote safe handling, each customer or recipient should: (i) notify its employees, agents, contractors and others whom it knows or believes will use this material of the information in this MSDS and any other information regarding hazards or safety; (ii) furnish this same information to each of its customers for the product; and (iii) request its customers to notify their employees, customers, and other users of the product of this information.

**EFFECTIVE DATE:** May 23, 1995

**OBSOLETE DATE:**

**I. IDENTIFICATION**

**PRODUCT NAME:** Connoisseurs Metal Polish, 8 oz. liquid  
Model #1031

**CHEMICAL NAME:** N/A

**CHEMICAL FAMILY:** Mixture

**FORMULA:**

**SYNONYMS:**

**MOLECULAR WEIGHT:**

**CAS #:**

**CAS NAME:**

**II. PHYSICAL DATA** (determined on typical material)

**BOILING POINT:** Approx. 100 ° C at 1 ATM.

**Freezing Point:** Approx. 0 ° C

**% VOLATILE BY VOLUME:** approximately 70%

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 1.178 @ 25° C

**VAPOR PRESSURE AT 20 ° C:** Approx. water

**VAPOR DENSITY (air = 1):** approx. water

**SOLUBILITY IN WATER BY WEIGHT:** dispersible

**EVAPORATION RATE (water = 1):** approx. water

**pH (as is):** 9.0

**APPEARANCE AND ODOR:** Viscous, pale purple, opaque liquid with floral odor.

**NFPA RATING:** Health 1

Flammibility 0

Reactivity -0

Hazard -

### III. INGREDIENTS

<u>Material</u>	<u>Cas #</u>	<u>%</u>	<u>OSHA PEL</u>		<u>ACGIH TLV</u>		<u>HAZARDS</u>
			<u>(ppm)</u>	<u>or</u>	<u>*mg/M3</u>		
1. Flux Calcined Diatomaceous Earth	68855-54-9	10-30	5* (1) 10* (2)		5* (1) 10* (2)		
2. Crystalline Silica (Cristobalite)	14464-46-1	5-15	0.05* (3)		0.05* (3)		
3. Dipropylene Glycol Monomethyl Ether		34530-94-8			1-10	100	100
4. N,N,N',N'-Tetrakis (2-Hydroxypropyl) Ethylene-diamine	102-60-3	1-10	N/A		N/A		
5. Hydrous Aluminum Silicate	1302-78-9	1-10	5* (1) 15* (2)		5* (1) N/A		
6. Sodium Dodecylbenzene Sulfonate	25155-30-0	1-10	N/A		N/A		

1 = Respirable nuisance dust (OSHA)

2 = Total nuisance dust (ACGIH)

3 = Respirable Cristobalite (OSHA)

### IV. FIRE AND EXPLOSION HAZARD DATA

**FLASH POINT:** N/A

**FLAMMABLE LIMITS IN AIR (% by volume):** N/A      **LOWER:**      **UPPER:**

**EXTINGUISHING MEDIA:**

Dry chemical, CO<sub>2</sub>, foam or water fog. Class ABC fire extinguisher.

**SPECIAL FIRE FIGHTING PROCEDURES:**

None

**UNUSUAL FIRE AND EXPLOSION HAZARDS:**

Combustion may produce noxious and irritating gases which will require fresh air source in fire fighting.

### V. HEALTH HAZARD DATA

**EXPOSURE LIMIT(S):** See Section III

**EFFECTS OF SINGLE OVER-EXPOSURE:**

**SWALLOWING:** May result in gastric disturbances.

**SKIN ABSORPTION:**

**SKIN CONTACT:** May cause skin irritation with prolonged contact.

**INHALATION:** If dried polish dust is inhaled, nose and throat may become sore. In extreme exposures some congestion may occur.

**EYE CONTACT:** May cause eye irritation.

**EFFECTS OF REPEATED OVER-EXPOSURE:**

**Carcinogenicity:** NTP: No IARC: Yes OSHA: No

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**MEDICAL CONDITIONS AGGRAVATED BY OVER-EXPOSURE:****Health Hazards - Acute/Chronic:**

Crystalline Silica has been classified as probably carcinogenic for humans (2A) by IARC. Crystalline Silica is also a known cause of silicosis, a noncancerous lung disease.

**Medical Conditions Aggravated by Exposure:**

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**SIGNIFICANT LABORATORY DATA WITH POSSIBLE RELEVANCE TO HUMAN HEALTH HAZARD EVALUATION:**

None Known

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**OTHER EFFECTS OF OVER-EXPOSURE:**

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**EMERGENCY AND FIRST AID PROCEDURES:**

**EYES:** Flush with copious amounts of water until all material is removed. If irritation develops or persists, get medical attention.

**SKIN:** Thoroughly wash exposed area with water. Remove contaminated clothing. Launder contaminated clothing before reuse.

**INGESTION:** If swallowed, give several glasses of water but do not induce vomiting. Do not give anything by mouth to an unconscious or convulsing person. Get medical attention.

**INHALATION:** If dried polish dust is inhaled, remove to fresh air. Drink water to clear throat and blow nose to evaluate dust.

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**VI. REACTIVITY DATA**

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**STABILITY:** Stable

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**CONDITIONS TO AVOID:**

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**INCOMPATIBILITY (material to avoid):**

Strong acids (Nitric and Sulfuric), strong alkalis and strong oxidizers.

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**HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS:**

Formaldehyde, CO, CO<sub>2</sub>, NO<sub>x</sub> and other unidentified gases.

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**HAZARDOUS POLYMERIZATION:** Will not occur.

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**VII. SPILL OR LEAK PROCEDURES**

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**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:**

Soak up small spills with inert solids. Use suitable disposal container. Flush area with water.

For large spills limit access to area. Ventilate area. Dike and contain spill with inert material (sand, earth, etc.) and transfer the liquid and solid separately to containers for recovery or disposal. Keep spill out of sewers and open bodies of water.

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**WASTE DISPOSAL METHOD:**

Dispose in accordance with all Federal, State and local regulations. Do not discharge into waterways or sewer systems without the proper authority.

**Protective Gear is required.** See Section VIII.

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**VIII. SPECIAL PROTECTION INFORMATION**

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**RESPIRATORY PROTECTION:**

None required under normal handling conditions.

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**VENTILATION:**

Normal room ventilation.

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**PROTECTIVE GLOVES:**

None required under normal handling conditions.

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**EYE PROTECTION:**

Avoid splashing. Wear safety goggles if necessary.

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**OTHER PROTECTIVE EQUIPMENT:**

No special clothing required.

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**IX. SPECIAL PRECAUTIONS**

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**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**

Handle according to good manufacturing and warehousing practices. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet facilities. Promptly remove soiled clothing and wash thoroughly before reuse.

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## X. REGULATORY INFORMATION

### STATUS ON SUBSTANCE LISTS

The concentrations shown are maximum or ceiling levels (weight %) to be used for calculations for regulations. Trade Secrets are indicated by "TS".

#### FEDERAL EPA

Comprehensive Environmental Response Compensation, and Liability Act of 1980 (CERCLA) requires notification of the National Response Center of release of quantities of Hazardous Substances equal to or greater than the reportable quantities (RQ's) in 40 CFR 302.4.

Components present in this product at a level which could require reporting under the statute are:

EPA-Comprehensive Environmental Response, Compensation and Liability Act. Under EPA - CERCLA (Superfund) releases to air, land or water which exceed the reportable quantity must be reported to the National Response Center @ 1-800-424-8802. The reportable quantity (RQ) for a release of this product is Item #6: Sodium Dodecylbenzene Sulfonate - 1000 lbs. (454 Kg). Sec. 3C: RCRA Information.

EPA-RCRA This product, if disposed as shipped, is not a hazardous waste as specified in 40CFR 261. Consult state or local officials for proper disposal method.

### SUPERFUND AMMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA) TITLE III

Requires emergency planning based on Threshold Planning Quantities (TPQ's) and release reporting based on Reportable Quantities (EHS RQ's) in 40 CFR 355 (used for SARA 302, 304, 311, 312, 313). Components present in this product at a level which could require reporting under the statute are:

<u>Chemical</u>	<u>CAS #</u>	<u>EHS RQ (lbs)</u>	<u>EHS TPQ (lbs)</u>	<u>SEC 313</u>	<u>313 Category</u>	<u>311/312 Categories</u>
		1*	2*	3*	4*	5*
1. Flux Calcined Diatomaceous Earth	68855-54-9	N/A	N/A	N/A	N/A	H-1
2. Crystalline Silica (Cristobalite)	14464-46-1	N/A	N/A	N/A	N/A	H-1, H-2
3. Dipropylene Glycol Monomethyl Ether	34530-94-8	N/A	N/A	N/A	N/A	H-1, H-2, P-3
4. N,N,N',N'-Tetrakis (2-Hydroxypropyl Ethylene-diamine)	102-60-3	N/A	N/A	N/A	N/A	H-1
5. Hydrous Aluminum Silicate	1302-78-9	N/A	N/A	N/A	N/A	H-1
6. Sodium Dodecylbenzene Sulfonate	25155-30-0	N/A	N/A	N/A	N/A	H-1

\*1 = Reportable Quantity of Extremely Hazardous Substance, Sec. 302.

\*2 = Threshold planning quantity, extremely hazardous substance. Sec. 302.

\*3 = Toxic Chemical. Sec. 313.

\*4 = Required by Sec. 313 (40 CFR 372.42) used on Toxic Release Inventory Form.

\*5 = Hazard Category for SARA Sec. 311/312 Reporting.

Health Hazard: H-1 = Immediate (acute); H-2 = Delayed (chronic).

Physical Hazard: P-3 = Fire; P-4 = Sudden release of pressure; P-5 = Reactive.

## STATE RIGHT-TO-KNOW

## CALIFORNIA PROPOSITION 65:

- NONE -

## MASSACHUSETTS:

Right-To-Know, Substance List (MSL) Hazardous Substances and Extraordinarily Hazardous Substances on the MSL must be identified when present in products. Components present in this product at a level which could require reporting under the statute are:

<u>Chemical</u>	<u>CAS #</u>	<u>Upper Bound Concentration %</u>
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## PENNSYLVANIA:

Right-To-Know, Hazardous Substances and Special Hazardous Substances on the list must be identified when present in product. Components present in this product at a level which could require reporting under the statute are: Unknown

## CALIFORNIA SCAQMD RULE 443.1 VOC'S:

Not presently available

## CANADIAN REGULATIONS:

The Workplace Hazardous Materials Information System (W.H.M.I.S.) Classification for this product is: Unknown

## OTHER REGULATORY INFORMATION:

## NOTES:

## XI. TRANSPORTATION

PROPER SHIP NAME: Cleaning Compound, nos, Non-Hazardous.

HAZARD CLASS: None

PACKING GROUP: N/A

UN/NA #:

SPECIAL PROVISIONS:

HAZARD NAME: None

LABEL PLACARD: None

IMCO:

EPA RQ: Sodium Dodecylbenzene Sulfonate

POUND: 1000

KILOS:

EMERGENCY RESPONSE GUIDE:

CARGO CLASS:

## MESSAGES:

FREIGHT CLASS: LTL -Class 55

TL - Class 55

MW -

TITLE III INFORMATION: TPQ

POUNDS:

KILOS:

## GENERIC CLASS:

## XII. MANUFACTURER'S STATEMENT

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No representation is made as to the accuracy of the information herein.

**CAUTION:** Misuse of empty containers can be hazardous. Empty containers can be hazardous if used to store toxic, flammable, or reactive materials. Cutting or welding of empty containers might cause fire, explosion, or toxic fumes from residues. Do not pressurize or expose to open flame or heat. Keep container closed and drum bungs in place.

To determine applicability or effect of any law or regulation with respect to the product, users should consult his legal advisor or appropriate government agency. Connoisseurs does not undertake to furnish advise on such matters.

The information contained herein is believed to be accurate. It is provided independently of any sale of the product as part of Connoisseurs' Product Safety Program. It is not intended to constitute performance information concerning the product. No expense warranty, or implied warranty of merchantability or fitness for a particular purpose is made with respect to the product or the information contained herein. You are urged to obtain data sheets for all products you buy, process, use or distribute and you are encouraged and requested to advise those who may come in contact with such products of the information contained herein.

Connoisseurs Products Corp. urges the customer receiving this Material Safety Data Sheet to study it carefully to become aware of hazards, if any, of the product involved. In the interest of safety you should: (i) notify your employees, agents, and contractors of the information on this sheet; (ii) furnish a copy to each of your customers for the product; and (iii) request your customers to inform their employees and customers as well.

The opinions expressed herein are those of Connoisseurs Products Corp. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Connoisseurs Products Corp., it is the user's obligation to determine the conditions of safe use of the product.

The information herein is given in good faith, but no warranty, express or implied, is made. This document is prepared, pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200). In addition, other substances not "Hazardous" per this OSHA Standard may be listed. Where proprietary ingredient shows, the identity may be made available as provided in this Standard.

Substance listed in the Ingredients Section are those identified as being present at a concentration of 1% or greater, or 0.1% if the substance is on the list of potential carcinogens cited in OSHA Hazard Communication Standard. Where proprietary ingredient shows, the identity of this substance may be made available as provided in 29 CFR 1910.1200 (1).