

# MATERIAL SAFETY DATA SHEET

## AMERICAN BIO-CLEAN CORPORATION

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### SECTION I

**Identify:** PC PRO CLEAN PARTS CLEANER, metal parts cleaning fluid

**Part Number:** PC030PMM

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### SECTION II

**Hazardous Ingredients-Identify Information:**

**NO HAZARDOUS COMPONENTS**

(OSHA-29 CFR-1910.1200) All ingredients are organic and/or completely biodegradable.

<u>Ingredient #</u>	<u>Chemical/Common Name</u>	<u>CAS</u>	<u>Wt %</u>
1	Branched Chain Nonionic Surfactants	127087-87-0	7.53
2	Branched Chain Nonionic Surfactants	000123-91	15.24
3	Dihydric Alcohol	034590-94-8	6.72
4	Sodium Salt of Silicic Acid	001344-09-8	0.15
5	Fatty Acid Methyl Esters	67784-80-9	0.02
6	Processed Oxygenated Water	N/A	70.34

**NOTE:** Ingredients are the subject of an issued United States Patent. Manufacturer certifies that the Product as supplied is non-toxic and biodegradable.

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### SECTION 11A - REGULATORY INFORMATION

<u>Applicable Regulations</u>	<u>Ingredient #</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>
OSHA-29CFR1910 1200: Hazardous Evaluation		no	no	no	no	no	no
CERCLA-40CFR 117, 302.4: Reportable Quantity		no	no	no	no	no	no
SARA-TITLE 111/302: Extremely Hazardous Substance		no	no	no	no	no	no
SARA-TITLE 111/311 + 312: MSDS Requirement		no	no	no	no	no	no
SARA-TITLE 111/313: Toxic Chemical		no	no	no	no	no	no
RCRA-40CFR261, C + D, Hazardous Waste # or Characteristic		no	no	no	no	no	no
CWA-40CFR401.15 + 116: Listed Chemicals		no	no	no	no	no	no
CAA-40CFR 60-111 & 61-112 Covered Chemicals		no	no	no	no	no	no
MI.ACT 293: Michigan Critical Materials Register		no	no	no	no	no	no
MI.ACT 348: Air Pollutants, VOC, Etc.		no	no	no	no	no	no

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### SECTION III

**Physical/Chemical Characteristics**

Boiling Point: 100 deg C (212 deg F)

Specific Gravity: 0.98-1.04

Vapor Pressure: 17.5 mg Hg @ 80 deg F

Melting Point: NA

Vapor Density: 0.624 @ 80 deg F

Evaporation Rate: <1 (butyl/acetate=1)

Solubility in Water: Dispersible

Appearance and Odor: Slightly viscous white/gray liquid, mild cleaner/detergent scent

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### SECTION IV

**Fire and Explosion Hazard Data**

Volatile Organic Compounds (VOC): None (Certified Clean Air Solvent, SC AQMD)

Flash Point: NA

Extinguishing Media: NA

Special Fire Fighting Procedures: None

Unusual Fire and Explosion Hazards: None

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### SECTION V

**Reactivity Data:**

Stability: Stable

Conditions to avoid: None

Incompatibility: Materials that react violently with water

Hazardous Decomposition or By-products: Carbon Dioxide

Hazardous Polymerization: Will not occur

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## SECTION VI

### Health Hazard Data:

MSDS data pertains to the product as dispensed from the container. Adverse health effects would not be expected under recommended diluted conditions of use (diluted) so long as prescribed safety precautions are practiced.

Product is considered non-toxic orally according to 16 CFR 1500.3 (Code of Federal Regulations 16. Federal Hazardous Substances Act Regulations Part 1500.3). However, no product should be intentionally ingested

#### Acute Effects (Possible):

Eyes: Direct contact irritates slightly with redness and possible swelling

Inhalation: No irritation to respiratory passages. No injury is likely from vapor/odor exposures related to this stable water based fluid.

Skin: A single relatively short exposure causes no known adverse effect. Several repeated or prolonged exposures (24 to 48 hours) may irritate and cause skin dryness due to removal of natural skin oils.

Oral: Small amounts transferred to the mouth by fingers during use, etc. should not injure. Swallowing large amounts may cause digestive disorders.

#### Acute Effects of Overexposure:

There are no known effects from acute overexposure to this product, under normal recommended functional usage of this product. However, in light of good industrial hygiene, exposure to any chemical should be kept to a minimum.

Chronic Effects of Overexposure: There are no known effects from chronic exposure to this product.

### Emergency and First Aid procedures:

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. A temporary haze in vision may occur. If haze persists or irritation develops, consult a physician.

Inhalation: N/A

Skin Contact: Flush contaminated skin with plenty of water for at least 15 minutes. If irritation develops, consult a physician.

Oral: Ingestion of large amounts should be treated immediately by a physician.

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## SECTION VII

### Precautions for Safe Handling and Use:

Handling: Use goggles to protect eyes, particularly in pressure washing, pumping, using high pressure air or around spray mist. Use liquid protective chemically resistant gloves for extended or frequent contact.

Released or Spilled: Floor may be slippery; use care to avoid falling. Wash affected area with water and dry.

Waste Disposal Method: In most areas, flushing into a sanitary sewer with plenty of water is permissible. Consult local, State, Federal agencies for specific requirements for your area.

### Precautions for Storing:

Store in tightly closed container in a dry area, at temperatures between 40 and 120 degrees F.

### Other Precautions: None

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## SECTION VIII

### Control Measures:

Respiratory Protection: No special precautions are required.

Ventilation: No special precautions are required. Use adequate ventilation for heavy work areas.

Protective Gloves: Recommended for extended or prolonged contact. (i.e. immersing hands)

Eye Protection: Tight fitting safety glasses recommended for handling product in concentrated form, especially if contacts are worn.

Work/Hygienic Practices: Good housekeeping practices, normal care and "safety first" attitude help prevent accidents and adverse health effects..

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## SECTION IX

### Transportation Data

DOT Proper shipping name: None

DOT Hazard Class: N/A

DOT I.D. Number: N/A

DOT Label/Placard: None

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Symbols: NA = Not Applicable

Revised: 04/01/02

F = Fahrenheit

C = Centigrade

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