



Safety Data Sheet

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ProCoat Hard Surface Cleaner

Per GHS Standard Format

Prepared to U.S., OSHA, CMA, ANSI, Canadian WHMIS Standards

SECTION 1- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 Trade Name:	ProCoat Hard Surface Cleaner
Synonyms:	None
CAS#	Mixture
1.2 Product Use:	Cleaning Product
1.3 Supplier/Manufacturer's Name:	ProCoat Products, Inc.
Address:	260 Centre Street, Suite D. Holbrook, MA. 02343
Business Phone:	781-767-2270
Email:	info@procoat.com
Web site Information:	www.procoat.com
1.4 Emergency Phone Numbers:	1 (800) 424-9300 (CHEMTREC U.S. – 24 HRS.)

SECTION 2-HAZARD IDENTIFICATION

EMERGENCY OVERVIEW:

Product Description:	This product is a clear, thin, green, foamy liquid with a mild odor.
Health Hazards:	Exposure to this product can cause serious irritation to eyes and skin. Inhalation of mist can cause irritation to mucous membranes and respiratory tract.
Flammability Hazards:	This product has a flash point greater than 200 °F (93.3 °C).
Reactivity Hazards:	This product is not reactive.
Environmental Hazards:	The environmental effects of this product have not been fully investigated.
Emergency Considerations:	Emergency responders must wear the proper personal protective equipment (and have appropriate fire suppression equipment) suitable for the situation to which they are responding.

US DOT SYMBOLS

Non-Regulated

CANADA (WHMIS SYMBOLS

Complies with WHMIS 2015

GHS HAZARD SYMBOLS



Signal Word: **WARNING!**

2.1 GHS LABELING AND HAZARD CLASSIFICATION:

This product does not meet the definition of a hazardous substance or preparation as defined by the OSHA and described in 29 CFR 1910.1200(d).

Component(s) Contributing to Classification(s):

All Ingredients

2.2 LABEL ELEMENTS

GHS Hazard Classification(s):

Acute Oral Toxicity Cat 4

Skin Irritant Cat 2

Eye Damage/Irritant Cat 2A

Hazard Statement(s):

Harmful if swallowed
 Causes skin irritation
 Causes serious eye irritation

Precautionary Statement(s):

Wash thoroughly after handling
 Wear protective gloves
 Wear eye protection/face protection

Response Statement(s):

IF SWALLOWED: Call a Poison Control Center/Doctor.

IF SWALLOWED: Rinse Mouth. Do NOT induce vomiting.

IF ON SKIN: Wash with plenty of water.

If skin irritation or rash occurs: Get medical advice/attention.

Take off contaminated clothing and wash before reuse.

Call a Poison Center/Doctor if you feel unwell.

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

Storage Statement(s):

Store in a well-ventilated place. Keep cool.

Store locked up.

Disposal Statement(s):

Dispose of contents/container in accordance with local, regional, national, international regulations.

2.3 HEALTH HAZARDS OR RISKS FROM EXPOSURE:

SYMPTOMS OF OVEREXPOSURE BY ROUTE OF EXPOSURE: The most significant routes of overexposure for this product are by contact with skin or eyes, and inhalation of mists or spray. The symptoms of overexposure are described in the following paragraphs.

ACUTE:

INHALATION: Inhalation of mist from this product causes severe irritation to the mucous membranes and respiratory tract.

SKIN CONTACT: Exposure to this product can cause skin irritation. Prolonged exposure can cause severe irritation.

EYE CONTACT: Contact with eyes can cause serious irritation with redness, tearing, and pain. Possible corneal damage.

INGESTION: Ingestion may cause gastric distress and nausea. Can result in damage to mouth, throat, esophagus and stomach.

CHRONIC: The effects of long term, low level exposures to this product have not been determined.

TARGET ORGANS: **ACUTE:** Eyes, Skin. **CHRONIC:** No data available for this product.

SECTION 3-COMPOSITION and INFORMATION ON INGREDIENTS

COMPOSITION	WT. PERCENTAGE	CAS #	HAZARD CLASSIFICATION
Water	85-98%	7732-18-5	None
Nonylphenol Ethoxylate	1.5%	9016-45-9	Acute Oral Toxicity Cat 4, Skin Irritant Cat 2, Eye Damage/Irritant Cat 2
Potassium Hydroxide	.5-1%	1310-58-3	Skin Irritant Cat 1B, Eye Damage/Irritant Cat 2
Cocamidopropyl Betaine	1-5%	61789-40-0	Eye Damage/Irritant Cat 1
Alyk Dimethyl Benzyl Ammonium Chloride	1-5%	53516-76-0	Acute Toxicity Oral Cat. 4, Flammable Liquids Cat.3, Skin Irritation Cat 1B, Eye Damage/Irritation Cat 1.

Balance of other ingredients are less than 1% in concentration (or 0.1% for carcinogens, reproductive toxins, or respiratory sensitizers)

NOTE: ALL WHMIS required information is included in appropriate sections based on the ANSI Z400.1-2010 format.

SECTION 4-FIRST AID MEASURES**4.1 DESCRIPTION OF FIRST AID MEASURES:**

EYE CONTACT: If product enters the eyes, open eyes while under gentle water for at least 15 minutes. Seek medical attention if irritation persists.

SKIN CONTACT: Wash skin thoroughly after handling. Seek medical attention if irritation develops and persists. Remove contaminated clothing. Launder before reuse.

INHALATION: If breathing becomes difficult, remove victim to fresh air. If necessary, use artificial respiration to support vital functions.

INGESTION: If product is swallowed, call a physician or poison control center for most current information. If professional advice is not available, do NOT induce vomiting. Never induce vomiting or give diluents (milk or water) to someone who is unconscious, having convulsions or who cannot swallow. Seek medical advice. Take a copy of the label and SDS with the victim to the health professional.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: None known.

4.2 SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED:

Contact with eyes may cause severe irritation with redness and tearing with possible tissue damage. Prolonged skin exposure may cause moderate to severe skin irritation.

4.3 RECOMMENDATIONS TO PHYSICIANS:

Treat symptoms and eliminate overexposure.

SECTION 5-FIRE-FIGHTING MEASURES

5.1 FIRE EXTINGUISHING MATERIALS:

Use fire extinguishing methods below:

Water Spray:	Yes	Carbon Dioxide:	Yes
Foam:	Yes	Dry Chemical:	Yes
Halon:	Yes	Other:	Any "C" Class

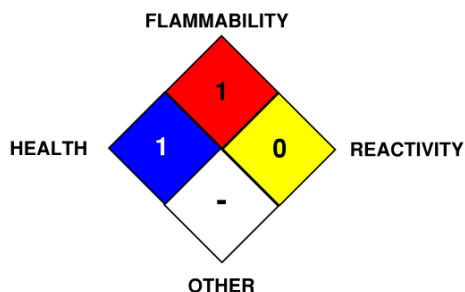
5.2 UNUSUAL FIRE AND EXPOSION HAZARDS:

Combustion may produce noxious and irritating gases
 Explosion Sensitivity to Mechanical Impact: NO
 Explosion Sensitivity to Static Discharge: NO
 FLASH POINT: >200 °F (93°C)
 AUTOIGNITION TEMPERATURE: Not Applicable
 FLAMMABILITY LIMITS (in air by volume, %): Lower: NA, Upper: NA

5.3 SPECIAL FIRE FIGHTING PROCEDURES:

Insipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Isolate materials not yet involved in the fire and protect personnel. Move containers from fire area if this can be done without risk; otherwise, cool with carefully applied water spray. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas.

NFPA RATING SYSTEM



HMIS RATING SYSTEM

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM			
HEALTH HAZARD (BLUE)		1	
FLAMMABILITY HAZARD (RED)		1	
PHYSICAL HAZARD (YELLOW)		0	
PROTECTIVE EQUIPMENT			
EYES 	RESPIRATORY See Section 8	HANDS 	BODY See Section 8

Hazard Scale: 0=Minimal, 1=Slight, 2=Moderate, 3=Serious, 4=Severe, *=Chronic Hazard

SECTION 6-ACCIDENTAL RELEASE MEASURES

6.1 PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT, AND EMERGENCY PROCEDURES:

See Section 8.2 for Exposure Controls.

6.2 ENVIRONMENTAL PRECAUTIONS:

Keep spilled material out of all sewers, and open bodies of water.

6.3 SPILL AND LEAK RESPONSE:

Contain spill if safe to do so. Cover or absorb spilled liquid with sand, earth, or other inert material. Clean up spill immediately and place in appropriate containers. Keep spill out of sewers and open bodies of water.

Dispose of in accordance with applicable Federal, State, and local procedures (see **Section 13 Disposal Considerations**).

SECTION 7-HANDLING AND STORAGE

7.1 PRECAUTIONS FOR SAFE HANDLING:

As with all chemicals, avoid getting this product ON YOU or IN YOU. Wash thoroughly after handling this product. Do not eat, drink, smoke, or apply cosmetics while handling this product. Avoid breathing vapors/mists generated by this product. Use in a well-ventilated location. Remove contaminated clothing immediately.

7.2 STORAGE AND HANDLING PRACTICES:

Containers of this product must be properly labeled. Store containers in a cool, dry location. Keep containers tightly closed when not in use. Keep away from strong alkalis, bases, and reactive materials.

7.3 SPECIFIC USES:

Developed specifically for janitorial use.

SECTION 8-EXPOSURE CONTROLS – PERSONAL PROTECTION

8.1 EXPOSURE CONTROLS:

CHEMICAL NAME	CAS#	ACGIH TLV	OSHA TWA
Water	7732-18-5	Not Listed	Not Listed
Nonylphenol Ethoxylate	9016-45-9	Not Listed	Not Listed
Potassium Hydroxide	1310-58-3	2mg/m	Not Listed
Cocamidopropyl Betaine	61789-40-0	Not Listed	Not Listed
Alyk Dimethyl Benzyl Ammonium Chloride	53516-76-0	Not Listed	Not Listed

8.2 EXPOSURE CONTROLS:

VENTILATION AND ENGINEERING CONTROLS: Use with adequate ventilation to ensure exposure levels are maintained below limits provided above.

The following information on appropriate Personal Protective Equipment is provided to assist employers in complying with OSHA regulations found in 29 CFR Subpart I (beginning at 1910.132) or equivalent standards of Canada.

RESPIRATORY PROTECTION: Not required when using this product. Maintain airborne contaminant concentrations below guidelines listed above, if applicable. If necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Protection Standard (29 CFR 1910.134), equivalent U.S. Standards, Canadian CSA Standard Z94.4-93.

EYE PROTECTION: Safety glasses or goggles are recommended when splashing is unavoidable. If necessary, refer to U.S. OSHA 29 CFR 1910.133 or appropriate Standards for Canada,

HAND PROTECTION: Chemical resistant gloves are recommended to prevent skin contact. If necessary, refer to U.S. OSHA 29 CFR 1910.138 or appropriate Standards of Canada.

BODY PROTECTION: Not normally required when using this product. If necessary, refer to U.S. OSHA CFR 1910.132 (also OSHA Technical Manual), or appropriate Standard.

SECTION 9-PHYSICAL AND CHEMICAL PROPERTIES

9.1 INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:

APPEARANCE (PHYSICAL STATE) AND COLOR: Clear, thin, green, foamy

ODOR: Mild odor.

ODOR THRESHOLD: Not available

PH: 11.7

MELTING/FREEZING POINT: Approx. 32°F (0°C)

BOILING POINT: Approx. 212 °F

FLASH POINT: >200°F (93.3°C)

EVAPORATION RATE: (n-BuAc=1): Not available

FLAMMABILITY (SOLID, GAS): Not applicable

UPPER/LOWER FLAMMABILITY OR EXPLOSION LIMITS: Not available

VAPOR PRESSURE: (mm Hg @68°F (20°C): Not available

VAPOR DENSITY: Not available

RELATIVE DENSITY: Not available

SPECIFIC GRAVITY: 1.007 @ 25°C

SOLUABILITY IN WATER: Complete Soluble

WEIGHT PER GALLON: 8.4 Lb/gal @ 25°C

PARTITION COEFFICIENT (n-octanol/water): Not applicable

AUTO-IGNITION TEMPERATURE: Not applicable

DECOMPOSITION TEMPERATURE: Not applicable

VISCOSITY: Not available

9.2 OTHER INFORMATION:

No additional information available

SECTION 10-STABILITY AND REACTIVITY

10.1 INFORMATION ON TOXICOLOGICAL EFFECTS:

REACTIVITY:

Not reactive

10.2 STABILITY:

Stable under conditions of normal storage and use.

10.3 POSSIBILITY OF HAZARDOUS REACTIONS:

None

10.4 CONDITIONS TO AVOID:

Incompatible materials

10.5 MATERIALS WITH WHICH SUBSTANCE IS INCOMPATIBLE:

Strong acids, strong oxidizing agents, and reactive metals.

10.6 HAZARDOUS DECOMPOSITIONS PRODUCTS:

When heated to decomposition, this product produces carbon monoxide and carbon dioxide.

SECTION 11-TOXICOLOGICAL INFORMATION

11.1 INFORMATION ON TOXICOLOGICAL EFFECTS:

Toxicity data is not available for this mixture:

SUSPECTED CANCER AGENT: The following ingredients are found on one or more of the following lists: **FEDERAL OSHA Z LIST, NTP, CAL/OSHA, IARC** and therefore are considered to be, or suspected to be a cancer-causing agent by these agencies.
NONE.

IRRITANCY OF THE PRODUCT: Contact with this product can be irritating to exposed skin and eyes.

SENSITIZATION TO THE PRODUCT: This product is not considered a skin and respiratory sensitizer.

REPRODUCTIVE TOXICITY INFO: This product does not contain an ingredient that may cause reproductive and fetal effects.

SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE: Not classified as a specific target organ toxicity – single exposure.

SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE: Not classified as a specific target organ toxicity – repeated exposure.

CHRONIC EFFECTS: The effects of long term, low level exposure to this product have not been determined.

SECTION 12-ECOLOGICAL INFORMATION

12.1 TOXICITY:

No toxicity data available for this mixture.

12.2 PERSISTENCE AND DEGRADABILITY:

No specific data available for this mixture.

12.3 BIOACCUMULATIVE POTENTIAL:

No specific data available for this mixture.

12.4 MOBILITY IN SOIL:

No specific data available for this mixture.

12.5 OTHER ADVERSE EFFECTS:

ALL WORK PRACTICES MUST BE AIMED AT ELIMINATING ENVIRONMENTAL CONTAMINATION.

SECTION 13-DISPOSAL CONSIDERATIONS

13.1 WASTETREATMENT METHODS:

This product, if disposed of as shipped, is not considered a hazardous waste as specified in 40 CFR 261.

Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations, and those of Canada.

SECTION 14-TRANSPORTATION INFORMATION

14.1 U.S. DEPARTMENT OF TRANSPORTATION (DOT) SHIPPING REGULATIONS:

This product is classified (per 49 CFR 172.101) by the U.S. Department of Transportation as follows:

A non-regulated material.

14.2 UN IDENTIFICATION NUMBER:

Not applicable

14.3 PROPER SHIPPING NAME:

Not applicable

14.4 HAZARD CLASS NUMBER AND DESCRIPTION:

Non-regulated material

14.5 PACKING GROUP:

Not applicable

14.6 ENVIRONMENTAL HAZARD (RQ QUANTITY):

Not applicable

MARINE POLLUTANT: The components of this product are not Designated by the Department of Transportation to be Marine Pollutants (49 CFR 172.101, Appendix B)

14.7 SPECIAL PRECAUTION FOR USER:

Use caution and avoid exposure.

14.8 INTERNATIONAL TRANSPORTATION:

INTERNATIONAL AIR TRANSPORT ASSOCIATION SHIPPING INFO. (IATA): This product is not considered as dangerous goods.

Note: Packaging does not comply with AITA regulations and cannot be shipped by aircraft.

INTERNATIONAL MARITIME ORGANIZATION SHIPPING INFORMATION (IMO): This product is not considered as dangerous goods.

SECTION 15-REGULATORY INFORMATION

15.1 SAFETY, HEALTH, AND ENVIRONMENTAL REGULATIONS SPECIFIC FOR THE SUBSTANCE OR MIXTURE:

See below

15.2 UNITED STATES REGULATIONS:

SARA REPORTING REQUIREMENTS: This product is not subject to the reporting requirements of sections 302, 304, and 313 of Title III of the Superfund Amendments and Reauthorization Act.

TSCA: All components in this product are listed on the US Toxic Substances Control Act (TSCA) inventory of chemicals.

SARA 311/312:

ACUTE HEALTH: YES **CHRONIC HEALTH:** NO **FIRE:** NO **REACTIVITY:** NO

U.S. SARA THRESHOLD PLANNING QUANTITY: There are no specific Threshold Planning Quantities for this product. The default Federal SDS submission and inventory requirements filling threshold of 10,000 lb (4,540 kg) may apply, per 40 CFR 370.20.

U.S. CERCLA REPORTABLE QUANTITY (RQ): None.

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65): This product does not contain ingredients that are on the California Proposition 65 lists.

15.3 CANADIAN REGULATIONS:

CANADIAN DSL/NDS INVENTORY STATUS: All components are DSL listed, NDSL listed, and/or are exempt from listing.

OTHER CANADIAN REGULATIONS: Not applicable

CANADIAN ENVIRONMENTAL PROTECTION ACT (CEPA) PRIORITIES SUBSTANCES LIST: This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and the SDS contains all of the information required by those regulations.

CANADIAN WHMIS CLASSIFICATION AND SYMBOLS: This product is categorized as a Controlled Product, not classified as per the Controlled Product Regulations.

SECTION 16-OTHER INFORMATION

16.1 ABBREVIATIONS AND ACRONYMS:

EPA:	United States Environmental Protection Agency
IMDG:	International Maritime Code for Dangerous Goods
DOT:	US Department of Transportation
IATA:	International Air Transport Association
ACGIH:	American Conference of Governmental Industrial Hygienists
NFPA:	National Fire Protection Association (USA)
HMIS:	Hazard Materials Identification System (USA)

DATE OF CURRENT REVISION: January 19, 2016

DATE OF LAST REVISION: January 19, 2016

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