



1 - PRODUCT and COMPANY INFORMATION

Company Info: iCOAT Products, Inc. www.icoatproducts.com
Company Address: 1519 W. Grant St. Phoenix, AZ 85007, USA
Phone: (602) 258-1114
Fax: (602) 258-1119
CHEMTREC: For emergencies in the US Call CHEMTREC: (800) 424-9300
Canutec: In Canada, all CANUTEC: (613) 996-6666 (call collect)
MSDS Format: According to ANSI Z400.1-2004

Product Name: Cleaning Agent - Pretreat
Product Group: Floor Degreaser

HMIS Classification: H F R PP
2 0 0 D

2 - COMPOSITION INFORMATION

Chemical Name	Cas #	Ingredient Percent
Water	7732-18-5	90-100 %
2-Butoxyethanol	11=76-2	0-5 %
Potassium Alkyl Aryl Sulfonate	27177-77-1	0-5 %
Potassium Tall Oil Soap	61790-44-1	0-5 %
Nonionic Surfactant	9016-45-9	0-5 %
Sodium Metasilicate	6834-92-0	0-5 %
Dye	N/A	< 1 %
Fragrance	N/A	< 1 %

3 - HAZARDS IDENTIFICATION

Emergency Overview: Irritant.
Physical Hazards: No known physical hazards.

Potential Health Effects

Target Organs: Eye, Skin Contact, Inhalation, Ingestion.
Eye Contact: May cause irritation.
Skin Contact: Moderate skin irritation.
Inhalation: Prolonged or excessive inhalation may cause irritation.
Ingestion: May be harmful if swallowed. May cause vomiting.
Chronic/Carcinogenicity Effects: Overexposure may cause headaches and dizziness.
Aggravation of Pre-Existing Conditions: None generally recognized.

4 -FIRST AID MEASURES

Eye Contact: Immediately flush eyes with plenty of water for 15 – 20 minutes. Get medical attention if irritation or symptoms of overexposure persists.
Skin Contact: Immediately wash skin with soap and plenty of water for 15 minutes. Get medical attention if irritation develops or persists.



- Inhalation:** If inhaled, remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.
- Ingestion:** If swallowed, DO NOT induce vomiting. Drink large quantities of water. Seek medical attention immediately. Never give anything by mouth to an unconscious person.

5 - FIRE FIGHTING MEASURES

- Flash Point:** None (waterbased).
- Lower Flammable / Explosive Limit:** Not Applicable.
- Upper Flammable / Explosive Limit:** Not Applicable.
- Extinguishing Media:** Not Applicable.
- Special Firefighting Procedures:** Non Flammable

NFPA Ratings:

- NFPA Health: 2
- NFPA Flammability: 0
- NFPA Reactivity: 0

6 - ACCIDENTAL RELEASE MEASURES

- Personnel Precautions:** Use proper personal protective equipment as listed in Section 8.
- Environmental Precautions:** Avoid runoff into storm sewers, ditches and waterways. Contain any fluid that runs out using suitable material (e.g. earth) Floors will become slippery. Avoid walking on product.
- Spill Cleanup Measures:** Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Provide ventilation. Clean up spills immediately observing precautions in the protective equipment section.

7 - HANDLING AND STORAGE

- Handling:** Use only with adequate ventilation. Avoid breathing vapor and contact with eyes, skin and clothing.
- Storage:** Store in a cool, dry, well ventilated area. Keep container tightly closed when not in use.
- Work / Hygienic Practices:** Wash thoroughly with soap and water after handling. Avoid contact with eyes and skin. Avoid inhaling vapor or mist. Wear rubber gloves, chemical splash goggles and protective outerwear when handling. Keep out of reach of children. For use by trained personnel only. For institutional and industrial use only.

8 - EXPOSURE CONTROLS / PERSONAL PROTECTION – EXPOSURE GUIDELINES

- Engineering Controls:** Provide local exhaust to keep TLV of Section 2 ingredients below acceptable limit.
- Eye/Face Protection:** Wear appropriate protective glasses or splash goggles as described by 29 CFR 1910.133, OSHA eye and face protection regulation, or the European standard EN 166
- Skin Protection:** Chemical-resistant gloves and/or boots and chemical goggles, face-shield and synthetic apron or coveralls should be used to prevent contact with eyes, skin or clothing. Wear appropriate protective gloves. Consult glove manufacturer's data for permeability data.
- Respiratory Protection:** Use in well ventilated area.
- Other Protective:** Wear protective rubber footwear when using on floor. Wear protective outerwear when danger of mist may occur.

9 - PHYSICAL and CHEMICAL PROPERTIES

- Physical State Appearance:** Liquid
- Color:** Purple



Odor: Characteristic odor
Boiling Point: 212° F
Specific Gravity: 1.048
Vapor Density: > 1 (Air = 1)
Vapor Pressure: 20mm Hg @ 68° F
pH: 12.0 to 13.0
Solubility in Water: Complete
Evaporation Rate: < 1 (Water=1))
% Volatile: 85+
VOC Content: 2.93% (wt/wt), 0.26 lbs/gal., 30.7 grams/liter

10 - STABILITY and REACTIVITY

Chemical Stability: Stable.
Hazardous Polymerization: None.
Incompatible Materials: Strong Acids.
Special Decomposition Products: Alkaline vapors in a fire.

11 - ECOLOGICAL INFORMATION

Ectotoxicity: No Ectotoxicity data was found for the product.
Environmental Fate: No environmental information found for this product.

12 - DISPOSAL CONSIDERATIONS

Waste Disposal: Consult with the US EPA Guidelines listed in 40 CFR Part 261.3 for the classification of hazardous waste prior to disposal. Furthermore, consult with your state and local waste requirements or guidelines, if applicable, to ensure compliance. Arrange disposal in accordance to the EPA and/or state and local guidelines.

13 - TRANSPORTATION INFORMATION

General Information: Not regulated for transport by US DOT or Canada TDG. Not regulated by sea transport by IMDG. Not regulated by air transport by ICAO-TI or IATA-DGR
Dot UN Number: No Data
DOT Hazard Class: No Data

14 - REGULATORY INFORMATION

California Prop 65: This product does not contain a chemical known to the state of California to cause cancer and birth defects or other reproductive harm.

SARA 311/312: The Superfund Amendments and Reauthorization Act of 1986 (SARA) Title III requires facilities subject to this subpart to submit aggregate information on chemical by "Hazard Category" as defined in 40 CFR 370.2. This material would be classified under the following hazard categories

No - Fire hazard
No - Sudden release of pressure hazard
No - Reactivity hazard
Yes - Immediate (acute) health hazard
No - Delayed (chronic) health hazard

Shipping Information:
For Containers: Cleaning Compound
For 1 Gal. Containers: Cleaning Compound
For Containers < 1 Gal: Cleaning Compound

SARA 313: This product contains the following components in concentrations above de minimis levels that are listed as toxic chemicals in 40 CFR Part 372 pursuant to the requirements of Section 313 of SARA:



Chemical Name	Cas #	Ingredient Percent
Glycol Ether	111-76-2	3% Max

This product contains the following chemical(s) which have been established to either be a carcinogen or suspected carcinogen

Chemical Name	Cas #	Ingredient Percent
None		

15 - ADDITIONAL INFORMATION

HMIS Health Hazard: 2
HMIS Fire Hazard: 0
HMIS Reactivity: 0
HMIS Other: D
MSDS Creation Date: January 9, 2009
MSDS Revision Date: September 9, 2009
MSDS Revision Notes: Quarterly Formula Update
MSDS Author: iCOAT Products, Inc.

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