

NFPA RATING
0 = none to
4 = hazardous rating



OvenPlus™ Degreaser S-1660-Q

DATE PREPARED: 04/01/99

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MATERIAL SAFETY DATA SHEET (MSDS)

SECTION I - IDENTITY AND RESPONSIBLE PARTY INFORMATION



PEN Products
Indiana Department of Correction
6075 Lakeside Boulevard
Indianapolis, Indiana 46278

Toll Free: (800) PEN-2550

Direct: (317) 388-8580

24-Hour Emergency Number - Chemtrec (800) 424-9300

Product Name: **OvenPlus™ Degreaser**
Janitorial Product

Preparer: Regulatory Affairs Department

HMIS Hazard Ratings:	
Health:	3
Flammability:	0
Reactivity:	0
PPE	D

SECTION II - HAZARDOUS INGREDIENTS AND IDENTITY INFORMATION

HAZARDOUS COMPONENTS

Specific Chemical Identity: Common Name(s)	CAS Nos.	OSHA PEL	ACGIH TLV	Other Limits Recommended	Percent Optional
Sodium Hydroxide	1310-73-2	2mg/M ³	2mg/M ³	N/A	5-10%
*Glycol Ether	112-34-5	N/A	N/A	N/A	1-5%

* THIS CHEMICAL IS SUBJECT TO THE REPORTING REQUIREMENTS FOR SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372.

SECTION III - PHYSICAL AND CHEMICAL CHARACTERISTICS

Boiling Point:	Approx. 212° F	Specific Gravity (H ₂ O=1):	1.061
Vapor Pressure (mm HG):	N/E	Percent Volatile by Weight:	>90%
PH (conc.):	13.5-14.0	Evaporation Rate (H ₂ O=1):	Approx. 1
Solubility in Water:	Complete	Appearance and Fragrance:	Clear liquid, mild odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used):	Not Established
Flammable Limits:	LEL = N/E UEL = N/E
Extinguishing Media:	Water, CO ₂ Foam or media suitable for surrounding fire.
Special Fire Fighting Procedures:	Standard fire fighting procedures may be followed, including full protective gear, NIOSH approved self-contained breathing apparatus.
Unusual Fire & Explosion Hazards:	None Known



SECTION V - PHYSICAL HAZARDS

Stability: Unstable Stable X
 Conditions to Avoid: None known
 Incompatibility
 (Materials to Avoid): Do not mix with other chemicals.
 Hazardous Decomposition
 Products or By-products: Thermal decomposition on burning may produce toxic vapors or gases.
 Hazardous Polymerization: May occur Will not occur X

SECTION VI - HEALTH HAZARDS

Route(s) of Entry: Inhalation? X Skin:? X Ingestion? X
 Health Hazards
 (1. Acute and 2. Chronic): 1. ACUTE: Harmful if swallowed. Causes eye and skin damage.
 2. CHRONIC: None known.
 Chemical Listed as Carcinogen
 or Potential Carcinogen: National Toxicology Program: NO
 I.A.R.C. Monographs: NO
 OSHA: NO
 Signs & Symptoms
 of Exposure: Irritation or burning sensation.
 Medical Conditions Generally
 Aggravated by Exposure: May aggravate skin disorders or respiratory ailments.
**Emergency & First Aid
 Procedures:** EYE CONTACT: Flush immediately with water for 15 minutes. Get medical attention.
 INHALATION: Move to fresh air. Get immediate medical attention.
 SKIN CONTACT: Flush with water for 15 minutes. Remove and wash contaminated clothing. INGESTION: Rinse mouth with water. Then drink 1 to 2 glasses of water.
 Never give anything by mouth to an unconscious person.
 Get immediate medical attention.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be Taken in Case
 Material is Released or Spilled: Wear appropriate protective equipment. If possible, contain spill and collect in approved container. Rinse affected area thoroughly with water. Keep product out of storm sewers or waterways. Hold for disposal.
 Waste Disposal Method: Dispose of in accordance with local, state and Federal regulations. If possible, triple rinse container, and recycle.
 Precautions to be taken in
 Handling & Storing: Avoid contact with skin or eyes. Avoid breathing vapor, spray or mist. Store in original container, in cool dry place with adequate ventilation. Keep out of reach of children. Keep container tightly closed when not in use.
 Other Precautions: Use only according to label directions. If unsure about safe use, contact your supervisor immediately.



SECTION VIII - CONTROL MEASURES

Respiratory Protection

(Specify Type): Not expected to be necessary under normal conditions of use.
Where exposure cannot be adequately controlled by general or local ventilation, use appropriate respiratory protection to prevent over exposure.
An approved dust/mist respirator would be recommended.

Ventilation: X Local Exhaust: As necessary Mechanical (General): Adequate
Special: N/A Other: N/A

Protective Gloves: Water impervious (latex, neoprene)

Eye Protection: Chemical resistant goggles or face shield.

Other Protective Clothing

or Equipment: Apron, eye wash.

Work & Hygiene Practices: Follow OSHA mandated procedures. Never eat or smoke while working with chemicals. Good housekeeping practices apply. Wash thoroughly after handling.

NOTICE: NO REPRESENTATION OR WARRANTIES, EITHER EXPRESS OR IMPLIED, OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR OF ANY OTHER NATURE, ARE MADE WITH RESPECT TO INFORMATION CONCERNING THE PRODUCT REFERRED TO IN THIS MATERIAL SAFETY DATA SHEET. The goal of defining precisely, in measurable terms, every possible health effect that may occur in the workplace as a result of chemical exposures cannot realistically be accomplished. The information and recommendation contained in this MSDS are supplied pursuant to 29 C.F.R. 1910. 1200 of the Occupational Safety and Health Standards Hazard Communication Rule. The information and recommendations set forth herein are presented in good faith and believed to be correct as of the date hereof.

Key: N/A = Not applicable/Not available N/E = Not established