

**MATERIAL SAFETY DATA SHEET**  
(SIMILAR TO OSHA 174)

**SECTION 1-MANUFACTURER/DISTRIBUTOR INFORMATION**

**Supplier's Name:** INSCO, INC.  
**Supplier's Address:** 1611 Ralston Street • Wilson, NC 27893  
**Emergency Phone #:** Chemtel 800-255-3924  
**HMIS Rating:** Health 2 • Flammability 0 • Reactivity 0

**Product Identification:** DG-90  
Heavy Duty Cleaner/Degreaser  
Built Alkaline Cleaner  
**Date:** 06/04/02

**SECTION 2-HAZARD INGREDIENTS**

CHEMICAL NAME	CAS NO.	ACHIH	TLV
2-Butoxethanol	111-76-2	25	ppm
Nonylphenol Polyethylene Glycol Ether	9016-45-9		

The exact composition of this formulation is considered to be proprietary, however this product contains no other hazardous components at a level of 1% greater and no known or suspected carcinogen at a level of 0.1% or greater.

\*Denotes ceiling limits

Section 313: Supplier Information

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the emergency planning and community Right-to-Know Act of 1986 and of 40 CFR 372:

CAS NO.	CHEMICAL NAME	% BY WIGHT
111-76-2	2-BUTOXETHANOL	4-6
9016-45-9	NONYLPHENOL POLYETHYLENE	3-6

This information must be included in all MSDS that are copied and distributed for this material.

**SECTION 3-PHYSICAL DATA**

**Boiling Point (F):** 212°  
**Vapor Pressure:** > Water  
**Vapor Density:** (Air =1): Not Est  
**Solubility In Water:** Infinite  
**Appearance:** Clear Purple Liquid  
**Odor:** Technical

**Specific Gravity:** (Water=1):1.08  
**% Volatile By Weight:** 90  
**Evaporation Rate:**(Water =1): = To Water  
**pH:** 13

**SECTION 4-FIRE AND EXPLOSION DATA**

**Flash Point:**(Method Used): None to Boiling  
**Flammable Limits:** N.A.  
**Extinguishing Media:** All types as determined by primary cause of combustion.  
**Special Fire Fighting Procedures:** None  
**Unusual Fire & Explosion Hazards:** None

**SECTION 5-HEALTH HAZARD DATA**

**Threshold Limit Value:** Has Not Been Determined

**Carcinogen:** This product contains non known carcinogen or potential carcinogen as defined by OSHA, the NTP, or the IRAC monographs.

**Effects of Overexposure:** This product may cause moderate to severe irritation and possible tissue damage to eyes, depending on exposure. Nausea, vomiting and diarrhea may occur upon ingestion. Prolonged skin contact may cause moderate irritation, defatting and dermatitis.

**Emergency & First Aid Procedures:** **Eyes:** Flush with water (minimum 15 min.). If irritation apparent, call physician.

**Skin:** Flush with water, if irritation apparent, call physician.

**Ingestion:** Drink large volumes of milk or water, call physician.

**SECTION 6-REACTIVITY DATA**

**Stability:** (Stable/Unstable) Stable  
**Conditions to Avoid:** None  
**Incompatibility:** Strong Acids and Oxidizers  
**Hazardous Decomposition Products:** Carbon Oxides  
**Hazardous Polymerization:** Will not occur

**SECTION 7-SPILL OR LEAK PROCEDURES**

**Steps to be taken if material is released or spilled**  
Wash to sewer or absorb with oil dri and sweep away.  
**Waste Disposal Method:** Wash to sewer or dispose of in accordance to local regulations.  
Regulations for disposal of large non-reclaimable spills.

**SECTION 8-SPECIAL PROTECTION INFORMATION**

**Respiratory Protection:** Not Necessary  
**Ventilation:** (Local/Mechanical/Special): Local  
**Protective Gloves:** Yes  
**Eye Protection:** Safety glasses  
**Other Protective Equipment:** Rubber boots should be worn  
If working in standing solution

**SECTION 9-SPECIAL PRECAUTIONS**

**Precautions to be taken in a handling and storage:**  
Keep lid sealed when not in use. Do not transport in open container. Thoroughly wash all contaminated clothing before reuse. Keep out of reach of children. For sale to use and storage by service personnel only.

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PREPARED BY: S.B.

