



# Material Safety Data Sheet

Manufacturer's Name Dylon Lubricant Technologies Co.	Emergency Telephone No. Call INFOTRAC at 1-800-535-5053
Address 7700 Clinton Rd. Cleveland, OH 44144	Other Information Calls 216-651-1300
MSDS Approved By Robert M. Humrick	Date Prepared July 27, 2006

## SECTION 1 - IDENTITY

COMMON NAME (used on label)  Anti-Seize Compound D-33	HAZARD RATING  
PRODUCT CLASS Synthetic based anti-seize lubricant	WHMIS Class D-2B

## SECTION 2 - HAZARDOUS INGREDIENTS

INGREDIENT	CAS NUMBER	WEIGHT PERCENT	Threshold Limit Value (units)
Graphite	7782-42-5	15-25	Nuisance dust; 15 mppcf/8 Hr.
Copper flake	7440-50-8	15-25	1 mg/m <sup>3</sup> (ACGIH)
Synthetic aliphatic hydrocarbon	68037-01-4	50-60	5 mg/m <sup>3</sup> (as mist); ACGIH

## SECTION 3 - PHYSICAL & CHEMICAL CHARACTERISTICS (Fire & Explosion Data)

Boiling Point 455C	Specific Gravity (H <sub>2</sub> O=1) 1.2	Vapor Pressure(mm Hg) <1 mm Hg @ 20C
Percent Volatile by Volume (%) NA	Vapor Density (Air=1) >1	Evaporation Rate (Ether=1) <<1
Solubility In Water Insoluble	pH NA	
Appearance and Odor Copper colored paste with characteristic petroleum odor.		
Flash Point 268C min.	Flammable Limits in Air(% by Volume) Not determined	Lower ND
		Upper ND
		Extinguisher Media CO <sub>2</sub> , dry chemical, foam
		Auto-Ignition Temperature Unknown
Special Fire Fighting Procedures For fires do not enter any enclosed or confined fire space without self-contained breathing apparatus to protect against the hazardous effects of normal products of combustion or oxygen deficiency.		
Unusual Fire and Explosion Hazards None		

## SECTION 4 - PHYSICAL HAZARDS

Anti-Seize Compound D-33

Stability	Unstable <input type="checkbox"/> Stable <input checked="" type="checkbox"/>	Conditions to Avoid NA
Incompatibility (Materials to Avoid) Avoid contact with strong oxidizers, strong acids and strong bases		
Hazardous Decomposition Products Normal products of combustion are CO, CO2 and copper compounds		
Hazardous Polymerization	May Occur <input type="checkbox"/> Will Not Occur <input checked="" type="checkbox"/>	Conditions to Avoid NA

## SECTION 5 - HEALTH HAZARDS

Threshold Limit Value See section 2.						
Signs and Symptoms of Exposure	1.Acute Overexposure Vapor may be irritating to eyes and nose. Contact may cause skin or eye irritation.					
2. Chronic Overexposure May cause dermatitis in some individuals.						
Medical Conditions Generally Aggravated by Exposure Unknown						
Chemical Listed as Carcinogen or Potential Carcinogen No	National Toxicology Program	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	I.A.R.C. Monographs	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	OSHA	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
OSHA Permissible Exposure Limit See section 2.	ACGIH Threshold Limit Value See section 2.				Other Exposure Limit Used ---	
Emergency and First Aid Procedure						
1. Inhalation Not expected to be inhaled. Avoid breathing fumes. Remove victim to fresh air.						
2. Eyes Flush eyes immediately with plenty of water for 15 minutes; consult a physician.						
3. Skin Wash with warm, soapy water						
4. Ingestion Consult a physician. Do not ingest. Do not induce vomiting. See section 2.						

## SECTION 6 - SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type) Not normally required. Avoid breathing fumes.				
Ventilation Normal plant ventilation	Local Exhaust Recommended	Mechanical (General) Recommended	Special ---	Other ---
Protective Gloves Work gloves			Eye Protection Safety glasses or goggles	
Other Protective Clothing or Equipment Normal work apparel				

## SECTION 7 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage Store away from open flames. Keep containers tightly closed until used.
Other Precautions None
Steps to be Taken in Case Material is Released or Spilled Treat as lubricating oil spill.
Waste Disposal Methods Absorb with clay or diatomaceous earth. Dispose in accordance with local, state and federal regulations.

### IMPORTANT

Do not leave any blank spaces. If required information is unavailable, unknown, or does not apply, so indicate.