



MATERIAL SAFETY DATA SHEET

Section 1 - Chemical Product and Company Identification

Product Name: DYNUBA® 100 (60000, 60001, 60003, 60004)

Chemical Name: Petroleum Hydrocarbon

Synonyms: Metal Working Fluid

Chemical Formula: Mixture

CAS Number: Mixture

Manufacturer: Dynabrade Inc., 8989 Sheridan Drive, Clarence, NY 14031-1490, Phone (716) 631-0100, FAX (716) 631-2073, U.S. Customers Call Toll Free 1-800-828-7333

HMIS

H 1

F 0

R 0

PPE†

†Sec. 8

Section 2 - Composition / Information on Ingredients

Ingredient Name	CAS Number	%
Solvent Refined Hydrotreated Heavy Paraffinic Distillate	64741-89-5/64741-88-4	>95
Minor Additives*		<5

*Additive manufacturer considers this additive package to be confidential business information and is being withheld as permitted by 29CFR 1910.1200.

Acute Toxicity Data

No.	Acute Oral	Acute Dermal	Acute Inhalation
	N.D.	N.D.	N.D.

Section 3 - Health Information

Effects of Exposure:

OSHA PEL/TWA	N.E.	OSHA PEL/CEILING	N.E.	ACGIH TLV/TWA	N.E.	ACGIH TLV/STEL	N.E.	OTHER
IRRITATION		Skin	X	Severe	Moderate		Mild	X
		Eye	X	Severe	Moderate		Mild	X
CORROSIVITY		Skin	X					
		Eye	X		May Cause Blindness			
					Not Corrosive	X		

Section 4 - Emergency First Aid

INGESTION							
Induce vomiting		DO NOT Induce vomiting	X	Give plenty of water		Get medical attention	X Other
DERMAL							
Flush with soap and water	X	Get medical attention	X	Contaminated clothing – Remove and launder	X	Contaminated shoes destroy	Other
EYE CONTACT							
Flush with plenty of water at least 15 minutes	X	Get medical attention	X				Other
INHALATION							
Remove to fresh air	X	If not breathing, give artificial respiration		Give oxygen		Get medical attention	X Other

N.D. – NOT DETERMINED
< – LESS THAN

N.A. – NOT APPLICABLE
> – GREATER THAN

N.E. – NOT ESTABLISHED

N.R. – NOT REVIEWED

Section 5 – Physical Data

Appearance and Odor: Clear reddish liquid, petroleum odor

Vapor Pressure (mm Hg): N.D.

Vapor Density (Air=1): N.A.

Specific Gravity (H₂O=1): 0.8830

Solubility In Water: NEGLIGIBLE

Boiling Point (deg f): N.D.

Melting Point (deg f): N.A.

Pour Point (deg f): 5

Dropping Point (deg f): N.A.

Evaporation Rate: Is faster than Butyl Acetate

Section 6 – Fire and Explosion Hazards

Flash Point (deg f) (coc): 370+

Flammable Limits Lower: N.D.

Flammable Limits Upper: N.D.

Auto Ignition Temperature/Fire Point

Undiluted (deg f): N.A.

Extinguishing Media: CO₂, Dry Chemical, Foam

Special Fire Fighting Procedures: N.A.

Section 7 – Reactivity Data

Stability: Stable

Incompatibility: Strong Oxidizers

Hazardous Polymerization: Will Not Occur

Conditions to Avoid: Heat, Open Flames

Section 8 – Employee Protection

Respiratory Protection: If exposure may or does exceed occupational exposure limits, use a NIOSH approved respirator to prevent overexposure. In accord with 29 CFR 1910.134 Use either an atmosphere-supplying respirator to prevent overexposure. In accordance with 29 CFR 1910.134 use either an atmosphere-supplying respirator or an air-purifying respirator for organic vapors.

Protective Clothing: Wear chemical resistant gloves and other protective clothing as required minimizing skin contact, wearing safety goggles to avoid eye contact.

Section 9 – Environmental Protection

Spill or Leak Procedures: Use judgment when cleaning large spill, shut off source of leak, dike and contain. Soak up with an absorbent such as clay, sand or other suitable materials, dispose of properly.

Section 10 – Special Precautions

Minimize skin contact. Wash with soap and water before eating, drinking, smoking or using toilet facilities. Launder contaminated clothing before reuse. Store in a cool, dry place with adequate ventilation, keep away from open flames and high temperatures.

Section 11 - Transport Requirements

Department of Transportation Classification

Not Regulated

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations. Dynabrade, Inc. assumes no legal responsibility for use or reliance upon this data.