



PRODUCT SPECIFICATION REPORT

ZEP LUBEZE DRILL CHILL™ Cutting Oil

DESCRIPTION

A fatty, mineral oil based, ready to use metalworking fluid, fortified with extremely pressure additives.

FEATURES

- Versatile
- Anti weld
- Prolongs tool life
- Inhibits rust
- Conserves energy

BENEFITS

- Can be used on carbon, allot, and stainless steel as well as softer metals such as aluminum.
- Helps prevent chips from welding to tool surface
- Reduces friction, increases cutting speeds
- Leaves behind a light oil film which provides temporary protection to the work piece and tool surface
- Lowers resistance to cutting resulting in lower torque and power requirements

APPLICATIONS

An excellent lubricating fluid for metalworking applications, particularly in extreme pressure situations such as drilling and threading. Used in any metalworking and fabricating facility.

COMPANION PRODUCTS

Zep Gator Tails, Zep degreasers, Zep Cold Galvanized, Zep Super Penetrant, Zep Ironclad, Zep PLS, Zep Viton Gloves

SPECIFICATIONS

Physical form	Thin, amber oil	Boiling point	545 - 884°F
Flash point (TCC)	300°F	Shelf life	1 year minimum
Odor	solvent odor	DOT Shipping label	LUBRICANTS, METAL CUTTING, LIQUID, NOI
pH	N/A		
Specific gravity0.88		

PACKAGING

- 5 gallon pail
- 55 gallon drum



An AcuityBrands Company

PRODUCT LABEL

PROD. #1378
205

ZEP LUBEZE DRILL CHILL™ Cutting Oil



BEFORE USING THIS PRODUCT, PLEASE
READ THIS ENTIRE LABEL.

ZEP MANUFACTURING COMPANY
A Division of Acuity Specialty Products Group, Inc.
ATLANTA, GA 30301
CLEAN ACROSS AMERICA
AND THROUGHOUT THE WORLD



Your One Source for Cleaning &
Maintenance Products

1-877-1 BUY ZEP
(1-877-428-9937)

KEEP OUT OF REACH OF CHILDREN
FOR INDUSTRIAL AND INSTITUTIONAL
USE ONLY
NOT FOR HOUSEHOLD USE OR RESALE

PRECAUCION

AL USUARIO: Si usted no lee inglés, no use
este producto hasta que la etiqueta le haya sido
explicada ampliamente.
(TO THE USER: If you cannot read English, do
not use this product until the label has been fully
explained to you.)

This product is designed exclusively for industrial and
institutional use by trained, professional maintenance
personnel. Label directions and precautions must be
followed exactly. Zep Manufacturing Company will
not be responsible for any injury, loss, or damage if
product is used in any manner not in compliance with
label directions, or if precautions are not observed.

HMS RATINGS

HEALTH	0	4 EXTREME 3 SERIOUS
FLAMMABILITY	0	2 MODERATE 1 SLIGHT
REACTIVITY	0	0 MINIMAL
PERSONAL PROTECTION EQUIPMENT	A	Safety Glasses

LUBEZE DRILL CHILL™ CUTTING OIL

PROD.# 1378
501B

•Drilling •Cutting •Boring •Thread Cutting and Machining Operations

A premium cutting oil fortified with sulfur and chlorine compounds for effectiveness in extreme pressure applications. Provides excellent lubricity. Reduces energy requirements by lowering resistance to cutting tool. Prolongs tool life by decreasing wear. Leaves a light protective film on workpiece and tool surfaces. Lighter in color and has lower odor than most sulfurized metalworking fluids. An excellent fluid for general purpose machining operations on tough metals such as stainless and high carbon steels as well as soft metals like aluminum.

DIRECTIONS:

ZEP LUBEZE DRILL CHILL is used undiluted in the coolant system of metal working equipment. Also available in convenient aerosol for applications in which more controlled amounts of coolant are required.

CAUTION

HARMFUL IF SWALLOWED

Oil mists which exceed the TWA (8 mg/m³), may cause respiratory irritation. Zep advocates limiting exposure to all chemical products. DO NOT swallow this product. Wearing goggles or tight fitting safety glasses is strongly recommended, especially for contact lens wearers. The use of rubber, neoprene, nitrile, or other resistant gloves is strongly recommended for prolonged use. Remove contaminated clothing promptly and DO NOT rewear until thoroughly cleaned. After handling, wash hands thoroughly with soap and water.

FIRST AID:

EYES: Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.

SKIN: Flush contaminated skin with plenty of water. Consult a physician if irritation develops.

INHALATION: Move exposed person to fresh air. If irritation persists, get medical attention immediately.

INGESTION: If this product is swallowed, DO NOT induce vomiting. If affected person is conscious give plenty of water to drink. Get medical attention at once.

DISPOSAL AND/OR SPILL INFORMATION:

As with all cleaning and maintenance procedures, run-off from the cleaning or maintenance process should be diverted to a collection vessel and not allowed to soak into the ground or to enter a storm sewer. If this product is spilled or contaminated and cannot be used, creating the need for disposal, absorb product on an inert absorbent material, such as Zep-O-Zorb or Zep Super Sorbent, and deposit in a sealable container. Thoroughly clean area with detergent solution and rinse well with water.

STORAGE: Keep this product away from food and food products. Store tightly closed container in dry area at temperatures between 40° and 120° F.

ZEP MANUFACTURING COMPANY

Your One Source for Cleaning and Maintenance Products