
MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

THERMO CLEAR**MSDS ID: 04482**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: THERMO CLEAR

Product Descriptor: SYNTHETIC LUBRICANT

MANUFACTURER: JOHNSON DIVERSEY, INC.

EMERGENCY PHONE NUMBER: (800) 851-7145

3630 E. KEMPER ROAD

CINCINNATI, OH. 45241

II. HAZARDOUS COMPONENTS

Component Name	CAS Number	%	Exposure Limits	Units
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NONE

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

CAUTION - Contains cleaning agents that may cause eye and respiratory irritation. May be harmful if swallowed. Avoid contact with eyes or clothing and breathing of mists. Prolonged contact with undiluted product may cause skin irritation.

POSSIBLE ROUTES OF ENTRY: Not applicable under normal use

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: EYES: May cause eye irritation. SKIN: May cause skin irritation.
INGESTION: May cause nausea and diarrhea. INHALATION: May cause irritation of respiratory tract.

CHRONIC: Same as acute effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Dermatitis or sensitive skin.

TARGET ORGAN(S) OF CHEMICAL HAZARD(S): Eyes and skin.

IV. FIRST AID MEASURES

EYES: Immediately flush with plenty of water. Get medical attention.
SKIN: Flush skin with plenty of water and wash with mild soap. If irritation develops, get medical attention.
INGESTION: If swallowed, rinse mouth with water. Dilute by drinking several glasses of water. DO NOT induce vomiting. If patient vomits, rerinse mouth. Get immediate medical attention. NOTE: Never give fluids by mouth to an unconscious person.
INHALATION: Remove to fresh air and seek medical attention.

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): 450

FLAME EXTENSION: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME:

LEL: 6

UEL: 1

UNUSUAL FIRE OR EXPLOSIVE HAZARDS: Toxic fumes or vapor may form during fire.

ACCUMULATION OF MIST MAY CAUSE AN EXPLOSION HAZARD.

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V. FIRE FIGHTING MEASURES (Cont.)

EXTINGUISHING MEDIA: Water spray, CO2, foam or dry powder.

FIRE FIGHTING INSTRUCTIONS: Wear full protective gear and positive pressure breathing apparatus (SCBA) in fire area.

SPECIAL INSTRUCTIONS: Spilled product may cause slippery surface and fall hazard.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED:

Contain spill. Wear protective clothing. Soak up or absorb liquid on suitable absorbent material. Collect and place in chemical waste container. Dispose of in accordance with local, State and Federal regulations. Flush spill area with water.

This product does not contain a reportable quantity (RQ) under CERCLA.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: Store in a cool, dry area.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: Chemical goggles if contact or splash hazard exists.

PROTECTIVE GLOVES: Work gloves recommended.

RESPIRATORY PROTECTION: Not normally required.

OTHER PROTECTIVE CLOTHING/EQUIPMENT: Wear chemical resistant apron when handling.

ENGINEERING CONTROLS:

VENTILATION: None required.

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: CLEAR WATER-WHITE LIQUID WITH MILD ODOR.

BOILING POINT (DEG F): 710

FREEZING POINT: N/A

SPECIFIC GRAVITY/BULK DENSITY: 0.8460

pH: N/A

pH 1% SOLUTION: N/A

VOLATILE BY VOLUME: 0

SOLUBILITY IN WATER: Insoluble

VAPOR PRESSURE(mmHg): 0.01 at 20 C

VAPOR DENSITY: >10

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Product stable.

INCOMPATIBILITY WITH OTHER MATERIALS: Oxidizing agents; Chlorine and chlorinated compounds

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion forms; oxides of carbon

HAZARDOUS POLYMERIZATION: None known.

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XI. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL TESTING: No data available.
TOXICITY TEST DATA:
No data available.

XII. ECOLOGICAL INFORMATION

ECOTOXICITY TEST DATA:
No data available.
ENVIRONMENTAL FATE: No data available.

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Not Regulated.
CONTAINS SYNTHETIC HYDROCARBONS. DO NOT DISCHARGE TO WATER OR SEWER. ARRANGE WASTE DISPOSAL THROUGH A LICENSCED DISPOSAL COMPANY. DISPOSE OF EMPTY CONTAINER BY PRODUCT LABELING OR GOVERNMENTAL REGULATIONS.

XIV. TRANSPORT INFORMATION

Please refer to the Bill of Lading/receiving documents for up to date shipping information.

XV. REGULATORY INFORMATION

U.S. Federal Regulations:
TSCA: All ingredients in this product are on TSCA inventory.
HAPS: NONE
VOC CONTENT (EPA Method 24A): % VOC: Lb/Gal VOC:
CERCLA/EPCRA:
Section 313 Toxic Chemicals:
NONE
SARA Section 311/312:
ACUTE:YES CHRONIC:NO FIRE:NO REACTIVITY:NO
SUDDEN RELEASE OF PRESSURE:NO
LISTED CARCINOGEN: NONE
NTP: NO IARC: NO OSHA: NO
HMIS RATINGS: HEALTH: 1 FIRE: 0 REACTIVITY: 0
PERSONAL PROTECTIVE EQUIPMENT: B
NFPA RATING: HEALTH: 1 FIRE: 0 REACTIVITY:0 SPECIAL:
STATE RIGHT-TO-KNOW INFORMATION:
1-DECENE, TETRAMER, MIXED WITH 1-DECENE TRIMER, HYDROGENATED -
CAS #68649-12-7
ALKYL FATTY ACID ESTERS, PENTAERYTHROL - CAS #68424-31-7
CALIFORNIA PROPOSITION 65:
NONE

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XVI. OTHER INFORMATION

Disclaimer: The information contained in this material safety data sheet is based on the knowledge of this specific product and current national legislation. It applies to the product as sold, use dilutions may be less hazardous. It may not be valid for this material if used in combination with any other materials or in a process. It is the user's responsibility to evaluate the handling, and use.