
MATERIAL SAFETY DATA SHEET

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Revised 2/02/04
Replaces 10/09/03
Printed 2/03/04

SUMMA GLYCOL 46**MSDS ID: 11187010**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: SUMMA GLYCOL 46
Product Descriptor: SYNTHETIC COMPRESSOR OIL
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

none				

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

CAUTION: May be mildly irritating to eyes. May be mildly irritating to skin.
POSSIBLE ROUTES OF ENTRY: Eye contact. Skin contact. Inhalation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: May be mildly irritating to eyes. May be mildly irritating to skin. May be irritating to nose, throat and respiratory tract.

CHRONIC: Contact dermatitis or sensitization.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: NONE KNOWN.

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

IV. FIRST AID MEASURES

EYES: Flush immediately with plenty of water. Get medical attention if irritation occurs.

SKIN: Flush immediately with plenty of water. Get medical attention if irritation occurs.

INGESTION: No specific first aid measures are required.

INHALATION: No specific first aid measures are required.

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): >464 F FLAME EXTENSION: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: N/D UEL: N/D

UNUSUAL FIRE OR EXPLOSIVE HAZARDS: None known.

EXTINGUISHING MEDIA: Carbon dioxide (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.

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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: Avoid contact with eyes and skin. FOR COMMERCIAL & INDUSTRIAL USE ONLY Protect from freezing. Store in a dry, cool and well-ventilated area. KEEP OUT OF REACH OF CHILDREN.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: Safety glasses with side shields.

PROTECTIVE GLOVES: No special requirements under normal use conditions.

RESPIRATORY PROTECTION: If mists/vapors are not adequately controlled by ventilation, use appropriate respiratory protection to avoid over exposure. A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

OTHER PROTECTIVE CLOTHING/EQUIPMENT: No special protective clothing is required.

ENGINEERING CONTROLS:

VENTILATION: No special ventilation requirements. General room ventilation is adequate.

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: GREEN LIQUID, MILD ODOR

BOILING POINT (DEG F): N/D

FREEZING POINT: NOT DETERMINED

SPECIFIC GRAVITY/BULK DENSITY: 0.978

pH: NOT DETERMINED

pH 1% SOLUTION: NOT DETERMINED

VOLATILE BY VOLUME: N/D

SOLUBILITY IN WATER: Insoluble

VAPOR PRESSURE(mmHg): N/D at N/D

VAPOR DENSITY: N/D

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Product stable.

INCOMPATIBILITY WITH OTHER MATERIALS: Acids; Alkalis; Oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: oxides of nitrogen; 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 oil or oil-like products. Do not discharge to water or sewer.
Arrange waste disposal through a liscensed disposal company. Dispose of or
recycle 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: NONE

HAPS: NONE

VOC CONTENT (EPA Method 24A): % VOC: N/D Lb/Gal VOC: N/D

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: NONE

STATE RIGHT-TO-KNOW INFORMATION:

PROPRIETARY BLEND

CALIFORNIA PROPOSITION 65:

None of the ingredients are on the California proposition 65 list.

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 legisla-
tion. 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

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XVI. OTHER INFORMATION (Cont.)

materials or in a process. It is the user's responsibility to evaluate the handling, and use.