

MATERIAL SAFETY DATA SHEET

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

AEROSOL GREASE

MSDS ID: 00686

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: AEROSOL GREASE

Product Descriptor: Multi-Purpose Grease

MANUFACTURER: JOHNSON DIVERSEY, INC.
3630 E. KEMPER ROAD
CINCINNATI, OH. 45241

EMERGENCY PHONE NUMBER: (800) 851-7145

II. HAZARDOUS COMPONENTS

Component Name	CAS Number	%	Exposure Limits	Units
CALCIUM STEARATE	3159-62-4	1 - 5%	None	
LIQUID PETROLEUM GAS	68476-86-8	>30%	775	PPM
PETROLEUM HYDROCARBON	64742-65-0	5 - 15%	TWA 5 STEL 10 (oil mist)	MG/M3
POLYMER SOLUTION	PROPRIETARY	5 - 15%	TWA 5 STEL 10	MG/M3
TOLUENE	108-88-3	>30%	TWA 100	PPM

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING-Product contains irritating or harmful chemical and solvents. Causes eye and skin irritation or burns, and possible respiratory irritation. May be harmful if swallowed. Do not get in eyes, on skin or clothing. Wear eye protection, rubber gloves, protective clothing and footwear. Wash after handling. Avoid breathing dust, mist, or vapors. Heat and evaporation may release vapors that cause respiratory irritation, dizziness or headache. Wear respiratory protection in enclosed areas.

POSSIBLE ROUTES OF ENTRY: Ingestion, Skin and Inhalation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: EYES: Irritation with pain, swelling and redness may develop. SKIN: Irritation or dryness develop with long contact. INGESTION: If swallowed, gastric distress, diarrhea, nausea or vomiting may occur. If vomiting occurs, petroleum distillates may be inhaled into the lungs and cause chemical pneumonia. INHALATION: Overexposure to vapors may cause dizziness, headache, fatigue and respiratory irritation.

CHRONIC: Contact dermatitis or sensitization.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Respiratory infections and disease.

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

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IV. FIRST AID MEASURES

EYES: Immediately flush eyes with plenty of water for 15 minutes. Get medical attention.

SKIN: Flush skin with plenty of water. If irritation develops, get medical attention.

INGESTION: Contains petroleum distillates. Do not induce vomiting because of aspiration hazard. Do not give liquids by mouth except by order of a physician. Contact a physician or Poison Center.

INHALATION: Remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention, immediately.

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): -75F FLAME EXTENSION: N/A

FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: 1.4 UEL: ND

UNUSUAL FIRE OR EXPLOSIVE HAZARDS: FLAMMABLE. Avoid exposing to heat, sparks or open flames.

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: Vapors may be heavier than air and may travel along the ground to a distant ignition source and flash back to the container causing a possible fire or explosion.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED:

Turn off ignition sources. Contain spill. Absorb onto clay or sand. Place in covered metal container. Wash spill area with soap and water. Dispose of waste in accordance with environmental regulations.

The Reportable Quantity (RQ) of Toluene - CAS #108-88-3 is 290 gallons or 2,198 pounds.

VII. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS: PRESSURIZED CONTAINER. Store in a cool, dry area away from heat and open flames. Container may burst above 120 deg. F. Use only per label directions.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: Safety glasses with side shields. Eye wash in use area if contact or splash hazard exists.

PROTECTIVE GLOVES: Nitrile, Neoprene, or other oil resistant materials.

RESPIRATORY PROTECTION: Respirator protection required if PEL is exceeded. See Section II for information.

OTHER PROTECTIVE CLOTHING/EQUIPMENT: Eyewash and safety shower in area if contact or splash hazard exists.

ENGINEERING CONTROLS:

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IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Aerosol at atmospheric pressure.

BOILING POINT (DEG F): N/A	FREEZING POINT: ND
SPECIFIC GRAVITY/BULK DENSITY: 0.91	
pH: N/A	pH 1% SOLUTION: N/A
VOLATILE BY VOLUME: 77.7	
SOLUBILITY IN WATER: Insoluble	
VAPOR PRESSURE(mmHg): ND at ND	VAPOR DENSITY: >air

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Product stable.
INCOMPATIBILITY WITH OTHER MATERIALS: Strong acids, strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion forms oxides of carbon and nitrogen.
HAZARDOUS POLYMERIZATION: None known.

XI. TOXICOLOGICAL INFORMATION

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

XII. ECOLOGICAL INFORMATION

ECOTOXICITY DATA: When handled and disposed of as directed, this product should not cause adverse effects in the environment.
ECOTOXICITY TEST DATA: No data available.
ENVIRONMENTAL FATE: No data available.

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: RCRA Regulated Hazardous Waste: Ignitability Characteristic D001.
Spent or excess product is hazardous waste. Do not discharge to sewer or environment. Arrange disposal through a licensed disposal company or treat by special Waste Disposal Sheet. Recycle or dispose of containers 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: Toluene at 45.5%
VOC CONTENT (EPA Method 24A): % VOC: 2.145 Lb/Gal VOC: ND

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XV. REGULATORY INFORMATION (Cont.)

CERCLA/EPCRA:

Section 313 Toxic Chemicals: Toluene at 45.5%

SARA Section 311/312:

ACUTE:YES CHRONIC:YES FIRE:YES REACTIVITY:NO
SUDDEN RELEASE OF PRESSURE:NO

LISTED CARCINOGEN: None

NTP: No IARC: No OSHA: No

HMIS RATINGS: HEALTH: 2 FIRE: 4 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: G

NFPA RATING: HEALTH: 2 FIRE: 4 REACTIVITY:0 SPECIAL:Flammable

STATE RIGHT-TO-KNOW INFORMATION:

PETROLEUM HYDROCARBON - CAS #64742-53-6

CALCIUM STEARATE - CAS #3159-62-4

POLYMER SOLUTION: PROPRIETARY

TOLUENE - CAS #108-88-3

LIQUIFIED PETROLEUM GAS - CS #68476-86-8

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 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.