
MATERIAL SAFETY DATA SHEET

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

NEXUS A-310**MSDS ID: 03716**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: NEXUS A-310

Product Descriptor: Wastewater Treatment

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
ALIPHATIC PETROLEUM DISTILLATE	64742-47-8	15 - 30%	PEL 400	PPM
AMMONIA	7664-41-7	< 1.0 %	TWA 25 STEL 35	PPM

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

CAUTION-Contains petroleum distillates that may cause eye irritation. May be harmful if swallowed. Avoid contact with eyes or clothing. Prolonged contact with undiluted product may cause defatting of skin. Avoid breathing mists which may cause respiratory irritation. Contain spill and runoff to prevent any environmental damage.

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: Same as Acute Effects.

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

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

IV. FIRST AID MEASURES

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

SKIN: Flush thoroughly with plenty of water. Wash with soap and water. Remove contaminated clothes and shoes and clean before reuse. Get medical attention for any painful, red or injured skin.

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 difficulties arise, get medical

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IV. FIRST AID MEASURES (Cont.)

attention.

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F):>200 LEL:N/A UEL:N/A
UNUSUAL FIRE OR EXPLOSIVE HAZARDS: Product may burn if liquid is evaporated by heat or fire.
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 spilled product. Wear protective clothing. Soak up liquid with a commercial absorbant or sand. Sweep up or shovel into chemical waste container and dispose of in accordance with governmental regulations. Flush 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. Keep from freezing. If frozen, warm to thaw and mix for use. Keep container closed when not in use. Wear protective gear when handling or using. Do not pressurize container to empty.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: Face shield if contact or splash hazard exists. Eye wash in use area.
PROTECTIVE GLOVES: Chemical resistant.
RESPIRATORY PROTECTION: Respirator protection required if PEL is exceeded. See Section II for information.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: Protective clothing to cover exposed skin if contact or splash hazard exists.
ENGINEERING CONTROLS:
MECHANICAL VENTILATION: Normal room ventilation should be sufficient to control airborne levels.
LOCAL VENTILATION: Local exhaust ventilation may be necessary to control any air contaminants to within their Threshold Limit Values (TLV's) during the use of this product.

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IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Opaque, white liquid with hydrocarbon odor.

BOILING POINT (DEG F): 212	FREEZING POINT: Not determined
VAPOR PRESSURE(mmHg): 17.5 at 20	VAPOR DENSITY: ND
pH: 7-10	pH 1% SOLUTION: 7
VOLATILE BY VOLUME: 60	WEIGHT % SOLIDS: 29-36
SOLUBILITY IN WATER: Emulsifiable	
SPECIFIC GRAVITY/BULK DENSITY: 1.04	

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Product stable. If frozen, thaw and mix.
INCOMPATIBILITY WITH OTHER MATERIALS: None known.
HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion forms oxides of carbon, nitrogen and sulfur.
HAZARDOUS POLYMERIZATION: None known.

XI. TOXICOLOGICAL INFORMATION

Any hazardous effects of the product mixture are based on information for each chemical part. See Section II for amounts of hazardous materials.
TOXICITY TEST DATA:
No data available.

XII. ECOLOGICAL INFORMATION

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

XIII. DISPOSAL CONSIDERATIONS

RCRA CLASS: Not Regulated.
DISPOSAL: Discharge diluted product to industrial sewer. Use product in container until empty. Triple rinse container with water and add to process. Recycle or dispose of 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: Contains no hazardous air pollutants.
VOC CONTENT (PER 40 CFR PART 59): % VOC: N/A Lb/Gal VOC:
CERCLA/EPCRA:

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XV. REGULATORY INFORMATION (Cont.)

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 RATING: HEALTH: 2 FIRE: 1 REACTIVITY: 0

PERSONAL PROTECTIVE EQUIPMENT: C

NFPA RATING: HEALTH: 2 FIRE: 1 REACTIVITY: 0 SPECIAL:

STATE RIGHT-TO-KNOW INFORMATION:

WATER - CAS #7732-18-5

PETROLEUM DISTILLATE HYDROTREATED LIGHT - CAS #64742-47-8

AMMONIUM ACRYLATE, SODIUM SALT

ALCOHOL ETHOXYLATE - CAS #68002-97-1

AMMONIUM ACETATE - CAS #631-61-8

CALIFORNIA PROPOSITION 65:

Not applicable.

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 applicability of this information for their particular conditions of storage, handling, and use.