

NFP JETTACIN

MSDS ID: 03525

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: NFP JETTACIN

Product Descriptor: INDUSTRIAL GENERAL CLEANER/DEGREASER

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
LINEAR ALCOHOL ETHOXYLATE	68439-46-3	1 - 5%	None est.	
3-METHOXY-3-METHYL-1-BUTANOL	56539-66-3	1 - 5%	None established	

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

WARNING - Contains chemicals that cause irritation to eyes and skin. May be harmful if swallowed. Wear eye protection, clothing and rubber gloves to prevent prolonged skin contact. Wash after handling.

POSSIBLE ROUTES OF ENTRY: All Routes of Entry/Exposure

SIGNS AND SYMPTOMS OF OVEREXPOSURE

ACUTE: EYES: Severe irritation with redness, pain and swelling. SKIN: Irritation or dryness develops with long contact. 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, skin and respiratory tract.

IV. FIRST AID MEASURES

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

SKIN: Rinse off product and wash with mild soap and water.

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: If inhaled, move to fresh air. If patient is not breathing, give artificial respiration. If breathing is difficult, give oxygen under the direction of trained personnel or a physician. Get immediate medical attention.

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V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): None FLAME EXTENSION: N/A
FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: N/A UEL: N/A
UNUSUAL FIRE OR EXPLOSIVE HAZARDS: Toxic fumes or vapor may form during 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 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, keep away from acids. 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: Safety glasses with side shields. Face shields.
PROTECTIVE GLOVES: Alkali resistant.
RESPIRATORY PROTECTION: Use NIOSH/MSHA approved respirator where TLV/PEL may be exceeded.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: Eyewash and safety shower in area if contact or splash hazard exists.
ENGINEERING CONTROLS:
VENTILATION: Normal room ventilation should be sufficient to control airborne levels.

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear yellow liquid with slight citrus odor.

BOILING POINT (DEG F): 220	FREEZING POINT: N/D
SPECIFIC GRAVITY/BULK DENSITY: 1.034	
pH: 12.5	pH 1% SOLUTION: 9.60
VOLATILE BY VOLUME: 87.5	
SOLUBILITY IN WATER: Soluble	
VAPOR PRESSURE(mmHg): 17.5 at 20 C.	VAPOR DENSITY: 17.3

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X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Product stable.

INCOMPATIBILITY WITH OTHER MATERIALS: Acids; Oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete combustion forms; oxides of sulfur; oxides of carbon

HAZARDOUS POLYMERIZATION: None known.

XI. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL TESTING: Toxicological testing has not been performed on the product. Listed below is the available toxicology test data for components of the product.

TOXICITY TEST DATA:

Alcohol Ethoxylates (CAS# 68439-46-3):

Acute Oral LD50	(rat)	1.4 gm/kg
Acute Dermal LD50	(rabbit)	5 gm/kg
Eye Irritation	(rabbit)	Severe
Skin Irritation	(rabbit)	Draize 1.2 (4 hrs.)

3-Methoxy-3-Methyl-1-Butanol:

Acute Oral LD50	(rat)	4.3 gm/kg
Acute Oral LD50	(mouse)	5.8 gm/kg
Acute Dermal LD50	(rat)	>2000 mg/kg

XII. ECOLOGICAL INFORMATION

ECOTOXICITY TEST DATA:

No data available.

ENVIRONMENTAL FATE: No data available.

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Concentrated product is considered D002 - Corrosive, if declared hazardous waste.

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: NONE

VOC CONTENT (EPA Method 24A): % VOC: 5.0 Lb/Gal VOC: 0.43

CERCLA/EPCRA:

Section 313 Toxic Chemicals:

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XV. REGULATORY INFORMATION (Cont.)

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: 2 FIRE: 0 REACTIVITY: 0
PERSONAL PROTECTIVE EQUIPMENT: B

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

STATE RIGHT-TO-KNOW INFORMATION:

WATER - CAS# 7732-18-5

LINEAR ALCOHOL ETHOXYLATE - CAS# 68439-46-3

3-METHOXY-3-METHYL-1-BUTANOL - CAS# 56539-66-3

SODIUM DODECYLBENZENE SULFONATE - CAS# 25155-30-0

SODIUM SILICATE - CAS #1344-09-8

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.