
MATERIAL SAFETY DATA SHEET

Page 1 of 4
Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

MULTI-TERJ CR-1111**MSDS ID: 03513**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: MULTI-TERJ CR-1111

Product Descriptor: Degreaser

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
-----	-----	-----	-----	-----
TRIETHANOLAMINE	102-71-6	1 - 5%	TWA 5	MG/M3

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

CAUTION-Contains cleaning agents that may cause eye irritation. May be harmful if swallowed. Do not get in eyes or on clothing. Do not take internally. Clean up spill and any runoff to prevent environmental damage.

POSSIBLE ROUTES OF ENTRY: Ingestion 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, diarrhea, nausea and vomiting may occur.

CHRONIC: Same as Acute Effects.

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

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

IV. FIRST AID MEASURES

EYES: Immediately flush with plenty of water. If irritation or redness develop, get medical attention.

SKIN: Flush skin with plenty of water. Remove and launder contaminated clothing before reuse. Get medical attention for irritation or injury.

INGESTION: Do not take internally. If swallowed, drink several glasses of water. Do not induce vomiting. Contact a physician or poison control center.

INHALATION: Remove to fresh air. If breathing difficulties arise, get medical attention.

MATERIAL SAFETY DATA SHEET

Page 2 of 4
Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

MULTI-TERJ CR-1111

MSDS ID: 03513

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): ND FLAME EXTENSION: ND
FLAMMABLE LIMITS IN AIR BY VOLUME: LEL: ND UEL: ND
UNUSUAL FIRE OR EXPLOSIVE HAZARDS: None known.
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.

VI. ACCIDENTAL RELEASE MEASURES

IF MATERIAL IS RELEASED OR SPILLED:
Flush small amounts to drain. Collect and return large amounts to container.
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: Safety glasses.
PROTECTIVE GLOVES: Chemical resistant.
RESPIRATORY PROTECTION: Not normally required.
OTHER PROTECTIVE CLOTHING/EQUIPMENT: Not normally required.
ENGINEERING CONTROLS:
MECHANICAL VENTILATION: Normal room ventilation should be sufficient to control airborne levels.
LOCAL VENTILATION: Not usually required.

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Clear amber liquid with no odor.

BOILING POINT (DEG F): 215 FREEZING POINT: Not determined
SPECIFIC GRAVITY/BULK DENSITY: 1.004
pH: 11.04 pH 1% SOLUTION: 9.86
VOLATILE BY VOLUME: ND
SOLUBILITY IN WATER: Soluble
VAPOR PRESSURE(mmHg): 17.5 at 20 C. VAPOR DENSITY: ND

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 sulfur.
HAZARDOUS POLYMERIZATION: None known.

MATERIAL SAFETY DATA SHEET

Page 3 of 4
Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

MULTI-TERJ CR-1111

MSDS ID: 03513

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 REGULATED: Not Regulated.

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 (EPA Method 24A): % VOC: 10 Lb/Gal VOC: 0.8

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:

WATER - CAS #7732-18-5

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

CAPRYLOAMPHOPROPIONATE - CAS #68630-92-2

PROPYLENE ETHYLENE BLOCK COPOLYMER - CAS #9003-11-6

TRIETHANOLAMINE - CAS #102-71-6

CALIFORNIA PROPOSITION 65:

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

MATERIAL SAFETY DATA SHEET

Page 4 of 4
Revised 2/02/04
Replaces 8/12/03
Printed 2/03/04

MULTI-TERJ CR-1111

MSDS ID: 03513

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.