
MATERIAL SAFETY DATA SHEET

Page 1 of 4
Revised 3/29/04
Replaces (None)
Printed 3/30/04

MULTI-TERJ 2000**MSDS ID: 11576**

I. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Multi-TERJ 2000

Product Descriptor: INDUSTRIAL CLEANER

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
SODIUM HYDROXIDE	1310-73-2	1 - 5%	TLV-C 2	MG/M3
TETRAPOTASSIUM PYROPHOSPHATE	7320-34-5	>30%	None established	

III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

CAUTION: May cause eye and skin irritation.

POSSIBLE ROUTES OF ENTRY: Eye contact. Skin contact. Ingestion.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

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

CHRONIC: Prolonged and repeated exposure may cause irritation.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Persons with pre-existing skin disorders may be more susceptible to irritating effects.

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

IV. FIRST AID MEASURES

EYES: Flush immediately with plenty of water. If irritation persists, get medical attention.

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

INGESTION: Immediately drink one cupful of water or milk. Never give anything by mouth to an unconscious person. Get medical attention.

INHALATION: If breathing is affected, remove to fresh air. Get medical attention.

V. FIRE FIGHTING MEASURES

FLASH POINT (degrees F): N/A

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: Water, water spray, CO2, foam or dry powder.

MATERIAL SAFETY DATA SHEET

Page 2 of 4
Revised 3/29/04
Replaces (None)
Printed 3/30/04

MULTI-TERJ 2000

MSDS ID: 11576

V. FIRE FIGHTING MEASURES (Cont.)

FIRE FIGHTING INSTRUCTIONS: Wear full protective gear and positive pressure breathing apparatus SCBA) in fire area.

SPECIAL INSTRUCTIONS: None required.

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, skin and clothing. Do not taste or swallow. Remove and wash contaminated clothing and footwear before reuse. Wash thoroughly after handling. FOR COMMERCIAL & INDUSTRIAL USE ONLY Protect from freezing. Store in a dry, cool and well-ventilated place with adequate ventilation. KEEP OUT OF REACH OF CHILDREN

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE/FACE PROTECTION: No special requirements under normal use conditions.

PROTECTIVE GLOVES: No special requirements under normal use conditions.

RESPIRATORY PROTECTION: No special protective equipment is required.

OTHER PROTECTIVE CLOTHING/EQUIPMENT: If major exposure is possible, wear suitable protective clothing.

ENGINEERING CONTROLS:

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

IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: COLORLESS LIQUID, NO ODOR

BOILING POINT (DEG F): 212 F

FREEZING POINT: N/D

SPECIFIC GRAVITY/BULK DENSITY: 1.14

pH: 10.8

pH 1% SOLUTION: 10.4

VOLATILE BY VOLUME: 62

SOLUBILITY IN WATER: Soluble

VAPOR PRESSURE(mmHg): 17.5 at 20 C

VAPOR DENSITY: 17.3

X. STABILITY AND REACTIVITY

CHEMICAL STABILITY: Product stable.

INCOMPATIBILITY WITH OTHER MATERIALS: None known

HAZARDOUS DECOMPOSITION PRODUCTS: None known.

HAZARDOUS POLYMERIZATION: None known.

MATERIAL SAFETY DATA SHEET

Page 3 of 4
Revised 3/29/04
Replaces (None)
Printed 3/30/04

MULTI-TERJ 2000**MSDS ID: 11576**

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:**Sodium Hydroxide:**

Acute Oral LD50 (rat) 500 mg/kg (RTECS)

Acute Skin LD50 (rabbit) 1350 mg/kg (MSI)

Sodium Tripolyphosphate:

Acute Oral LD50 (rat) 4100 mg/kg

XII. ECOLOGICAL INFORMATION

ECOTOXICITY TEST DATA:

No data available.

ENVIRONMENTAL FATE: No data available.

XIII. DISPOSAL CONSIDERATIONS

RCRA REGULATED: Not Regulated.

Adjust pH of diluted product and discharge to industrial sewer in accordance with discharge permit or local POTW regulations. Use product in container until empty. Triple rinse container with water and add to process. Recycle or dispose of container according to product labeling or Federal, State or local 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: 0 Lb/Gal VOC: 0**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:** 2 **FIRE:** 0 **REACTIVITY:** 0**PERSONAL PROTECTIVE EQUIPMENT:** B**NFPA RATING:** **HEALTH:** 2 **FIRE:** 0 **REACTIVITY:** 0 **SPECIAL:** NONE**STATE RIGHT-TO-KNOW INFORMATION:****WATER** CAS#778-29-4**SODIUM POLYACRYLATE** CAS#9003-01-4

MATERIAL SAFETY DATA SHEET

Page 4 of 4
Revised 3/29/04
Replaces (None)
Printed 3/30/04

MULTI-TERJ 2000

MSDS ID: 11576

XV. REGULATORY INFORMATION (Cont.)

SODIUM TRIPOLYPHOSPHATE CAS#7758-29-4

TETRAPOTASSIUM PYROPHOSPHATE CAS#7320-34-5

SODIUM HYDROXIDE CAS#1310-73-2

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.