

## MATERIAL SAFETY DATA SHEET

LEVER PRO ENZYMATED PRE-TREAT Product Name Emergency (800)831-9889 I 94006 UPC-A 770128940068 SCC 10770128940065 Medical(Collect) (303)592-1024 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer JOHNSONDIVERSEY INC. and Company 3630 E. KEMPER RD 04/06/2000 Date Indentification **CINCINNATI, OH 45241-2046** Chemical Family PRE-TREATMENT Chemical Name of Hazardous Ingredient Units **Exposure Limits** DIPROPYLENE GLYCOL METHYL ETHER 34590-94-8 100 PPM  $\Pi$ Composition/ Information on Ingredients EYES: IRRITATION WITH PAIN, SWELLING AND REDNESS MAY DEVELOP. SKIN: IRRITATION OR DRYNESS DEVELOP WITH LONG CONTACT. INGESTION: IF SWALLOWED, DIARRHEA, NAUSEA AND Signs П VOMITING MAY OCCUR. INHALATION: IRRITATION OF RESPIRAand TORY TRACT MAY DEVELOP. Symptoms SAME AS ACUTE EFFECTS. Exposure Ш O Haz ards Identific ation HMIS: Health 1 Personal Protection Flammability Reactivity В SENSITIVE SKIN. Conditions Aggravated Carcinogen Info NONE NTP **IARC OSHA** Target Organs or System Routes of Exposure: Inhalation Skin Ingestion X X X Inhalation REMOVE TO FRESH AIR AND SEEK MEDICAL ATTENTION. IV Eyes IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. First Aid Measures FLUSH SKIN WITH PLENTY OF WATER. IF IRRITATION DEVELOPS, GET Skin MEDICAL ATTENTION. Ingestion DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NOTE: NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. WEAR FULL PROTECTIVE GEAR AND POSITIVE PRESSURE BREATHING Fire Control Measures/ APPARATUS (SCBA) IN FIRE AREA. Equipment V Flammable Property Info NONE Fire Fighting NONE KNOWN. **Explosion Info** Measures Extinguishing Media WATER, WATER SPRAY, CO2, FOAM OR DRY POWDER. NONE Gases

Printed: 02/06/2004

Environmental Precautions  Ventilation Required? NONE  Safe Storage, STORE AT AMBIENT ROOM TEMPERATURE. Handling and Storage  Incompatible Materials STRONG OXIDIZING AND REDUCING AGENTS.  Protective Gloves IMPERMEABLE.  Exposure Controls/Personal Protection  Other Protective NOT NORMALLY REQUIRED.  Characteristics o of Hazardous Chemcial  Vapor Pressure N/A MmHg@ NA °C Vapor Density(Air=1 N/A pH 8-10 Water Solubility 10 Appearance & Odor LIGHT BLUE CLEAR LIQUID; FRUITY ORANGE ODOR.  Boiling Point N/A °F Melting Point °F Flammability Limits in Air By Volume: Upper Lower Flash Point 200 °F Auto Ignition °F Oxidizing Properties  Specific Gravity 1.01  Evaporation Rate(n-Butyl Acetate=1)  Peroxide, Pyrophoric, Unstable or Water Reactive STABLE Reactivity and Hazardous Polymerization NONE KNOWN.	
Safe Storage, STORE AT AMBIENT ROOM TEMPERATURE. Handling and Use Instructions  Imcompatible Materials STRONG OXIDIZING AND REDUCING AGENTS.  Protective Gloves IMPERMEABLE.  Eye Protection SAFETY GLASSES.  Respiratory Protection  Other Protective NOT NORMALLY REQUIRED. Clothing Equipment  Characteristics o of Hazardous Chemcial  Vapor Pressure N/A MmHg@ NA °C Vapor Density(Air=1 N/A pH 8-10 Water Solubility 10  Appearance & Odor LIGHT BLUE CLEAR LIQUID; FRUITY ORANGE ODOR.  Boiling Point N/A °F Melting Point °F Flammability Limits in Air By Volume: Upper Lower Flash Point 200 °F Auto Ignition °F Oxidizing Properties  Specific Gravity 1.01  Evaporation Rate(in-Butyl Acetate=1)  Peroxide, Pyrophoric, Unstable or Water Reactive STABLE  Reactivity and Hazardous Polymerization NONE KNOWN.	
Handling and Storage    Handling and Use Instructions   Imcompatible Materials   STRONG OXIDIZING AND REDUCING AGENTS.	
Protective Gloves IMPERMEABLE.  Eye Protection SAFETY GLASSES.  Respiratory Protection  Other Protective NOT NORMALLY REQUIRED.  Clothing Equipment  Characteristics o of Hazardous Chemcial  Vapor Pressure N/A MmHg@ NA °C Vapor Density(Air=1 N/A pH 8-10 Water Solubility 10  Appearance & Odor LIGHT BLUE CLEAR LIQUID; FRUITY ORANGE ODOR.  Physical and Chemical Properties  Boiling Point N/A °F Melting Point °F Flammability Limits in Air By Volume: Upper Lower Flash Point 200 °F Auto Ignition °F Oxidizing Properties  Specific Gravity 1.01 Volatile by Volume N/A %  Evaporation Rate(n-Butyl Acetate=1)  Peroxide, Pyrophoric, Unstable or Water Reactive STABLE  Reactivity and Hazardous Polymerization NONE KNOWN.	
Eye Protection  SAFETY GLASSES.  Respiratory Protection  Other Protective NOT NORMALLY REQUIRED. Clothing Equipment  Characteristics o of Hazardous Chemcial  Vapor Pressure N/A MmHg@ NA °C Vapor Density(Air=1 N/A pH 8-10 Water Solubility 10  Appearance & Odor LIGHT BLUE CLEAR LIQUID; FRUITY ORANGE ODOR.  Boiling Point N/A °F Melting Point °F Flammability Limits in Air By Volume: Upper Lower Flash Point 200 °F Auto Ignition °F Oxidizing Properties  Specific Gravity 1.01 Volatile by Volume N/A %  Evaporation Rate(n-Butyl Acetate=1)  Peroxide, Pyrophoric, Unstable or Water Reactive STABLE  Reactivity and Hazardous Polymerization NONE KNOWN.	
Exposure Controls/ Personal Protection  Other Protective NOT NORMALLY REQUIRED. Clothing Equipment  Characteristics o of Hazardous Chemcial  Vapor Pressure N/A MmHg@ NA °C Vapor Density(Air=1 N/A pH 8-10 Water Solubility 10 Appearance & Odor LIGHT BLUE CLEAR LIQUID; FRUITY ORANGE ODOR.  Boiling Point N/A °F Melting Point °F Flammability Limits in Air By Volume: Upper Lower Flash Point 200 °F Auto Ignition °F Oxidizing Properties  Specific Gravity 1.01 Volatile by Volume N/A %  Evaporation Rate(n-Butyl Acetate=1)  Peroxide, Pyrophoric, Unstable or Water Reactive STABLE  Reactivity and Hazardous Polymerization NONE KNOWN.	
Protection  Other Protective Clothing Equipment  Characteristics o of Hazardous Chemcial  Vapor Pressure N/A MmHg@ NA °C Vapor Density(Air=1 N/A pH 8-10 Water Solubility 10  Appearance & Odor LIGHT BLUE CLEAR LIQUID; FRUITY ORANGE ODOR.  Boiling Point N/A °F Melting Point °F Flammability Limits in Air By Volume: Upper Lower Flash Point 200 °F Auto Ignition °F Oxidizing Properties  Specific Gravity 1.01 Volatile by Volume N/A %  Evaporation Rate(n-Butyl Acetate=1)  Peroxide, Pyrophoric, Unstable or Water Reactive STABLE  Reactivity and Hazardous Polymerization NONE KNOWN.	
Clothing Equipment  Characteristics o of Hazardous Chemcial  Vapor Pressure N/A MmHg@ NA °C Vapor Density(Air=1 N/A pH 8-10 Water Solubility 10  Appearance & Odor LIGHT BLUE CLEAR LIQUID; FRUITY ORANGE ODOR.  Boiling Point N/A °F Melting Point °F Flammability Limits in Air By Volume: Upper Lower Flash Point 200 °F Auto Ignition °F Oxidizing Properties  Specific Gravity 1.01 Volatile by Volume N/A %  Evaporation Rate(n-Butyl Acetate=1)  Peroxide, Pyrophoric, Unstable or Water Reactive STABLE  Reactivity and Hazardous Polymerization NONE KNOWN.	
Namer Note	
Physical and Chemical Properties  Boiling Point N/A °F Melting Point °F Flammability Limits in Air By Volume: Upper Lower Flash Point 200 °F Auto Ignition °F Oxidizing Properties  Specific Gravity 1.01 Volatile by Volume N/A %  Evaporation Rate(n-Butyl Acetate=1)  Peroxide, Pyrophoric, Unstable or Water Reactive STABLE  Reactivity and Hazardous Polymerization NONE KNOWN.	00 **
Physical and Chemical Properties    Boiling Point N/A °F Melting Point °F Flammability Limits in Air By Volume: Upper Lower Flash Point 200 °F Auto Ignition °F Oxidizing Properties   Specific Gravity 1.01 Volatile by Volume N/A %	00 %
Properties  Flash Point 200 °F Auto Ignition °F Oxidizing Properties  Specific Gravity 1.01 Volatile by Volume N/A %  Evaporation Rate(n-Butyl Acetate=1)  Peroxide, Pyrophoric, Unstable or Water Reactive STABLE  Reactivity and Hazardous Polymerization NONE KNOWN.	r
Evaporation Rate(n-Butyl Acetate=1)  Peroxide, Pyrophoric, Unstable or Water Reactive STABLE  Reactivity and Hazardous Polymerization NONE KNOWN.	
Peroxide, Pyrophoric, Unstable or Water Reactive STABLE Reactivity and Hazardous Polymerization NONE KNOWN.	
Reactivity and Hazardous Polymerization NONE KNOWN.	
·	
X Possible Hazardous Reactions NONE	
Conditions to Avoid NONE	
Stability and Reactivity  Materials STRONG OXIDIZING AND REDUCING AGENTS. To Avoid	
Hazardous NONE KNOWN. Decomposition Products	
XI Toxicological Information	
XII Possible Effects and Environmental Fate NO DATA AVAILABLE.	
Ecological Degradability Information Aquatic Toxicity	
Aquate Toxicity	
Method of Disposal, Residues and Safe Handling  Consideration  Method of Disposal, Residues and Safe Handling  Method of Disposal, Residues and Safe Handling	
Disposal of NONE KNOWN. Contaminated Material	
XIV BACTERIA, INDUSTRIAL WASTE TREATING, WITH ENZYMES, N.O.I.	
Transport Information  XV-Regulatory Information	
XVI-Other Information  XVI-Other Information	
S.A.R.A. NONE Title III Section 313	
State Right to Know Information  DIPROPYLENE GYLCOL METHYL ETHER - CAS #34590-94-8 PROPYLENE GLYCOL - CAS #57-55-6 ETHOXYLATED ALCOHOL - CAS #68002-97-1 ETHOXYLATED ALCOHOL - CAS #68131-39-5 WATER - CAS #7732-18-5	