

MATERIAL SAFETY DATA SHEET

Effective:

11/19/1997

Chemical Product and Company Identification	Product Name: LAUNDRY STAIN SOLVENT TREATMENT #1		Emergency (800)831-9889	
	Product Code: 32600330	UPC#: 7-74205-55358-5	Medical(Collect)(303)592-1024	
Composition/Information on Ingredients	Distributor: DiverseyLever Institutional	SCC#: 10-7-74205-55358-2	Chemtrec (800)424-9300	
	Manufacturer: AMERICLEAN SYSTEMS, INC. 26935 NORTHWESTERN HWY, SUITE 400 SOUTHFIELD MI 48034		Printed 08/08/2003	
	Chemical Family: LAUNDRY AND CARPET SOLVENT STAIN TREATMENT			
	Chemical Name of Hazardous Ingredient	%	Exposure Limits	Units
	D-LIMONENE (CAS#5989-27-5)	<60	N/A	
	GLYCOL ETHER (CAS#112-34-5)	<10	N/A	
Hazard Identification	CAUSES SKIN AND EYE IRRITATION. MAY IRRITATE RESPIRATORY TRACT. HARMFUL IF SWALLOWED			
	Signs and Symptoms of Exposure	Acute		
		Chronic	NONE	
	HMIS: Health 2 Flammability 2 Reactivity 0 Personal Protection B			
	Conditions Aggravated MAY AGGRAVATE SKIN DISORDERS AND RESPIRATORY AILMENTS.			
	Carcinogen Info: NONE NTP IARC OSHA			
Target Organs or Systems				
Routes of Exposure: Inhalation <input type="checkbox"/> Skin <input type="checkbox"/> Ingestion <input type="checkbox"/>				
First Aid Measures	Inhalation: MOVE TO FRESH AIR. GET MEDICAL ATTENTION.			
	Eyes: FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.			
	Skin: FLUSH WITH WATER. WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING.			
	Ingestion: RINSE MOUTH WITH WATER. GIVE 1-2 GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.			
Fire Fighting Measures	Fire Control: MSHA/NIOSH SCBA AND PROTECTIVE CLOTHING IN FIRE AREA.			
	Measures/Equipment			
	Flammable Property Info: COMBUSTIBLE			
	Explosion Info: NONE			
Extinguishing Media: CO2, FOAM, WATER				
Gases: NO UNUSUAL				

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32600330 LAUNDRY STAIN SOLVENT TREATMENT #1

VI-Accidental Measures	Spill and Leak Clean Up Procedures	FLUSH SMALL AMOUNTS TO DRAIN. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER. RINSE AREA THOROUGHLY WITH WATER TO REDUCE SLIP HAZARD.
	Environmental Precautions KEEP CONCENTRATE OUT OF STREAMS AND LAKES.	
VII-Handling and Storage	Ventilation Required?	NONE Instructions NORMAL AIR DILUTION
	Safe Storage	DO NOT PRESSURE CONTAINER TO EMPTY. KEEP CONTAINER CLOSED.
	Handling and Use	IF FROZEN, THAW AND MIX TO MAKE USABLE. KEEP OUT OF REACH OF CHILDREN.
	Instructions	
	Incompatible Materials	MIX WITH WATER ONLY
VIII-Exposure Controls/Personal Protection	Protective Gloves	RUBBER
	Eye Protection	WHEN HANDLING LARGE AMOUNT OF CONCENTRATE USE CHEMICAL GOGGLES.
	Respiratory Protection	WHEN NEEDED TO KEEP LEVELS BELOW ALLOWABLE LIMITS.
	Other Protective Clothing/Equipment	NONE
IX-Physical and Chemical Properties	Characteristics of Hazardous Chemical	
	Vapor Pressure	N/A mmHg 20 °C Vapor Density (Air=1) N/A pH 9.5 Water Solubility 0 %
	Appearance & Odor	AMBER LIQUID, ORANGE ODOR
	Boiling Point	N/A °F Melting Point °F Flammability Limits in Air by Volume: Upper NONE Lower NON
	Flash Point	10 °F Auto Ignition N/A °F Oxidizing Properties
	Specific Gravity	0.93 Volatile by Volume >80 %
	Evaporation Rate (n-Butyl Acetate=1)	>1
X-Stability and Reactivity	Peroxide, Pyrophoric, Unstable or Water React	NONE
	Reactivity and Hazardous Polymerization	NONE
	Possible Hazardous Reaction	NONE
	Conditions to Avoid	NONE
	Materials to Avoid	DO NOT MIX WITH OTHER CHEMICALS.
	Hazardous Decomposition Products	NONE
XI-Toxicological Information		
XII-Ecological Information	Possible Effects and Environmental Fate NONE KNOWN	
	Degradability	BIODEGRADABLE
	Aquatic Toxicity	NONE KNOWN
XIII-Disposal Consideration	Method of Disposal, Residues and Safe Handling	RINSE EMPTY CONTAINER WITH WATER, ADD TO OPERATION. RECYCLE OR DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
	Disposal of Contaminated Material	DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
XIV-Transport Information	COMPOUNDS, CLEANING, N.O.I., LIQUID	
XV-Regulatory Information	NONE	
XVI-Other Information	NONE	
SARA Title III Section 313	THIS PRODUCT IS SUBJECT TO THE REPORTING REQUIREMENTS FOR SECTION 313 OF SARA TITLE III 40CFR PART 372.	
State Right to Know Information	WATER (CAS# 7732-18-5) D-LIMONENE (CAS# 5989-27-5) GLYCOL ETHER (CAS# 112-34-5)	
	PRRTK6	

MATERIAL SAFETY DATA SHEET**Effective:****11/19/1997**

I-Chemical Product and Company Identification	Product Name LAUNDRY STAIN ENZYME TREATMENT #2		Emergency (800)831-9889	
	Product Code 32601330	UPC# 7-74205-55359-2	Medical(Collect) (303)592-1024	
II-Composition/Information on Ingredients	Distributor DiverseyLever Institutional	SCC# 10-7-74205-55359-9	Chemtrec (800)424-9300	
	Manufacturer AMERICLEAN SYSTEMS, INC. 26935 NORTHWESTERN HWY, SUITE 400 SOUTHFIELD MI 48034		Printed 08/08/2003	
Chemical Family LAUNDRY & CARPET ENZYME STAIN TREATMENT				
III-Hazards Identification	Chemical Name of Hazardous Ingredient NOT HAZARDOUS PER OSHA 1910.1200		%	Exposure Limits
				Units
IV-First Aid Measures	Signs and Symptoms of Exposure	Acute	MAY CAUSE SKIN AND EYE IRRITATION. MAY IRRITATE RESPIRATORY TRACT.	
		Chronic	NONE	
	HMIS: Health 1 Flammability 0 Reactivity 0 Personal Protection A			
	Conditions Aggravated SKIN DISORDERS AND RESPIRATORY AILMENTS.			
	Carcinogen Info NONE NTP IARC OSHA			
	Target Organs or Systems			
V-Fire Fighting Measures	Routes of Exposure: Inhalation <input type="checkbox"/> Skin <input type="checkbox"/> Ingestion <input checked="" type="checkbox"/>			
	Inhalation NO HAZARD IN NORMAL USE.			
	Eyes FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.			
	Skin FLUSH WITH WATER. REMOVE CONTAMINATED CLOTHES. WASH WITH SOAP AND WATER.			
VI-Environmental Measures	Ingestion RINSE MOUTH WITH WATER. GIVE 1-2 GLASSES OF WATER. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.			
	Fire Control WEAR MSHA/NIOSH SCBA AND PROTECTIVE CLOTHING IN FIRE AREA.			
	Measures/Equipment			
	Flammable Property Info DOES NOT SUPPORT COMBUSTION			
	Explosion Info NONE			
VII-Transportation Measures	Extinguishing Media CO2, FOAM, WATER			
	Gases NO UNUSUAL			

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VI-Accidental Measures		Spill and Leak Clean Up Procedures FLUSH SMALL AMOUNTS TO DRAIN. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER. RINSE AREA WITH WATER TO REDUCE SLIP HAZARD.
		Environmental Precautions NONE
VII-Handling and Storage	Ventilation Required? NONE	Instructions NORMAL AIR DILUTION
	Safe Storage	KEEP FROM FREEZING. IF FROZEN, THAW AND MIX TO MAKE USABLE.
	Handling and Use	KEEP OUT OF REACH OF CHILDREN. USE ONLY ACCORDING TO LABEL DIRECTIONS. AVOID SKIN CONTACT AND BREATHING SPRAY OR VAPOR.
	Instructions	
	Incompatible Materials	NONE
VIII-Exposure Controls/Personal Protection	Protective Gloves	RUBBER
	Eye Protection	CHEMICAL GOGGLES
	Respiratory Protection	WHEN NEEDED TO PREVENT BREATHING MISTS
	Other Protective Clothing/Equipment	NONE
IX-Physical and Chemical Properties	Characteristics of Hazardous Chemical	
	Vapor Pressure	N/A mmHg 20 °C Vapor Density (Air=1) N/A pH 9 Water Solubility 100 %
	Appearance & Odor	LIQUID; FRESH ODOR
	Boiling Point	212 °F Melting Point -4 °F Flammability Limits in Air by Volume: Upper NONE Lower NONE
	Flash Point	NONE °F Auto Ignition N/A °F Oxidizing Properties
	Specific Gravity	1.0 Volatile by Volume 95 %
	Evaporation Rate (n-Butyl Acetate=1)	<1
X-Stability and Reactivity	Peroxide, Pyrophoric, Unstable or Water Reactive NONE	
	Reactivity and Hazardous Polymerization	NONE
	Possible Hazardous Reactions	NONE
	Conditions to Avoid	NONE
	Materials to Avoid	DO NOT MIX WITH OTHER CHEMICALS.
	Hazardous	NONE
	Decomposition Products	
XI-Toxicological Information		
XII-Ecological Information	Possible Effects and Environmental Fate NONE	
	Degradability	BIODEGRADABLE
	Aquatic Toxicity	NONE
XIII-Disposal Consideration	Method of Disposal, Residues and Safe Handling RINSE EMPTY CONTAINER WITH WATER, ADD TO OPERATION. RECYCLE OR DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.	
	Disposal of Contaminated Material DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.	
XIV-Transport Information	BACTERIA, INDUSTRIAL WASTE TREATING, WITH ENZYMES, N.O.I.	
XV-Regulatory Information	NONE	
XVI-Other Information	NONE	
U.S.A.R.A. Title II, Section 313	NONE	
State Right to Know Information	WATER - CAS# 7732-18-5 SODIUM LAURYL SULFATE - CAS# 151-21-3	
	PRRTK6	

MATERIAL SAFETY DATA SHEET**Effective:****11/20/1997**

Chemical Product and Company Identification	Product Name LAUNDRY STAIN RUST/TANNIN TRTMENT #3		Emergency (800)831-9889	
	Product Code 32602330		Medical(Collect) (303)592-1024	
	Distributor DiverseyLever Institutional		Chemtrec (800)424-9300	
	Manufacturer AMERICLEAN SYSTEMS, INC. 26935 NORTHWESTERN HWY, SUITE 400 SOUTHFIELD MI 48034		Printed 08/08/2003	
Chemical Family LAUNDRY AND CARPET RUST AND TANNIN STAIN TREATMENT				
Composition/Information on Ingredients	Chemical Name of Hazardous Ingredient	%	Exposure Limits	Units
	NOT HAZARDOUS PER OSHA 1910.1200			
Hazard Identification	MAY CAUSE SKIN AND EYE IRRITATION. MAY IRRITATE RESPIRATORY TRACT.			
	Signs and Symptoms of Exposure	Acute Chronic		
First Aid Measures	NONE			
	HMIS: Health 1 Flammability 2 Reactivity 0 Personal Protection A			
	Conditions Aggravated MAY AGGRAVATE SKIN DISORDERS AND RESPIRATORY AILMENTS.			
	Carcinogen Info NONE NTP IARC OSHA			
	Target Organs or Systems NONE			
Fire Fighting Measures	Routes of Exposure: Inhalation <input checked="" type="checkbox"/> Skin <input checked="" type="checkbox"/> Ingestion <input type="checkbox"/>			
	Inhalation MOVE TO FRESH AIR. GET MEDICAL ATTENTION.			
	Eyes FLUSH WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION.			
	Skin FLUSH WITH WATER. WASH WITH SOAP AND WATER. REMOVE ANY CONTAMINATED CLOTHING.			
	Ingestion RINSE MOUTH WITH WATER. GIVE 1-2 GLASSES OF WATER. DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.			
Fire Fighting Measures	Fire Control WEAR MSHA/NIOSH SCBA AND PROTECTIVE CLOTHING IN FIRE AREA.			
	Measures/Equipment			
	Flammable Property Info COMBUSTIBLE LIQUID			
	Explosion Info NONE			
	Extinguishing Media CO2, WATER, FOAM			
Gases NO UNUSUAL				

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VI-Accidental Measures	Spill and Leak Clean Up Procedures	FLUSH SMALL AMOUNTS TO DRAIN. COLLECT AND RETURN LARGE AMOUNTS TO CONTAINER. RINSE AREA THOROUGHLY WITH WATER TO REDUCE SLIP HAZARD.
	Environmental Precautions	NONE
VII-Handling and Storage	Ventilation Required?	NONE
	Safe Storage	IF FROZEN, THAW AND MIX TO MAKE USABLE. KEEP OUT OF REACH OF CHILDREN. AVOID SKIN CONTACT.
	Instructions and Use	
	Incompatible Materials	NONE
VIII-Exposure Controls/Personal Protection	Protective Gloves	RUBBER
	Eye Protection	WHEN HANDLING LARGE AMOUNT OF CONCENTRATE USE CHEMICAL GOGGLES.
	Respiratory Protection	WHEN NEEDED TO KEEP LEVELS BELOW ALLOWABLE LIMITS.
	Other Protective Clothing/Equipment	NONE
IX-Physical and Chemical Properties	Characteristics of Hazardous Chemical	
	Vapor Pressure	N/A mmHg 20 °C
	Vapor Density (Air=1)	N/A
	pH	4.0
	Water Solubility	100 %
	Appearance & Odor	LIQUID; FRESH ODOR
	Boiling Point	212 °F
	Melting Point	°F
	Flammability Limits in Air by Volume:	Upper NONE Lower NONE
	Flash Point	29 °F
	Auto Ignition	N/A °F
	Oxidizing Properties	°F
	Specific Gravity	1.01
	Evaporation Rate (n-Butyl Acetate=1)	1
	Volatile by Volume	95 %
X-Stability and Reactivity	Peroxide, Pyrophoric, Unstable or Water Reactive	NONE
	Reactivity and Hazardous Polymerization	NONE-KEEP FROM FREEZING
	Possible Hazardous Reactions	NONE
	Conditions to Avoid	NONE
	Materials to Avoid	DO NOT MIX WITH CHLORINE BLEACH
	Hazardous	NONE
	Decomposition Products	
XI-Toxicological Information		
XII-Environmental Information	Possible Effects and Environmental Fate	NONE
	Degradability	BIODEGRADABLE
	Aquatic Toxicity	NONE
XIII-Disposal Considerations	Method of Disposal, Residues and Safe Handling	RINSE EMPTY CONTAINER WITH WATER, ADD TO OPERATION. RECYCLE OR DISPOSE OF IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
	Disposal of Contaminated Material	DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
XIV-Transport Information		COMPOUNDS, CLEANING, N.O.I., LIQUID
XV-Regulatory Information		NONE
XVI-Other Information		NONE
State Right to Know Information		WATER - CAS#7732-18-5 SURFACTANT - CAS#9016-45-9 1-METHOXY-2-PROPANOL - CAS#107-98-2 OXALIC ACID - CAS#144-62-7 PRRTK6