



MATERIAL SAFETY DATA SHEET

EMERGENCY CONTACT: Chem-Tel
Phone: 800-255-3924

PROD CAT# STW-SERIES
DATE OF PREP : 12/20/06

NOTE: emergency number to be used only in the event of chemical emergencies involving a spill, leak, fire, exposure or accident involving chemicals

Section 1 - Chemical Product / Company Information

Product Name:	Safe-T-Wash Low Odor Screen Wash	Revision Date:	12/20/2006
Product Cat:	STW-LO1Q, STW-LO1G, STW-LO5G, STW-55G	Supersedes:	05/09/2001
Supplier:	A.W.T. WORLD TRADE, INC. 4321 North Knox Avenue Chicago, IL 60641	Phone: 773-777-7100	Fax: 773-777-0909

Section 2 - Composition / Information On Ingredients

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Wt % Less Than</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH TLV-STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-Ceiling</u>
Aliphatic dibasic esters	MIXTURE	55.0				
1-methoxy-2-propanol	107-98-2	45.0	100 ppm		150 ppm	
Terpene hydrocarbons	5989-27-5	5.0				

Section 3 - Hazards Identification

*** EMERGENCY OVERVIEW ***: Flammable liquid and vapor.

Effects Of Overexposure - Eye Contact: Causes eye irritation.

Effects Of Overexposure - Skin Contact: Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash). Causes skin irritation.

Effects Of Overexposure - Inhalation: Vapors can cause irritation of the respiratory tract. High concentrations can cause headache, nausea, weakness, lightheadedness, and stupor (CNS depression).

Effects Of Overexposure - Ingestion: Harmful if swallowed.

Effects Of Overexposure - Chronic Hazards: No Information.

Primary Route(s) Of Entry: Skin Contact, Skin Absorption, Inhalation, Ingestion, Eye Contact



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Section 4 - First Aid Measures

First Aid - Eye Contact: Flush eyes with water a minimum of 15 minutes occasionally lifting lower and upper lids. Get medical attention promptly. Remove contact lenses if worn.

First Aid - Skin Contact: Remove contaminated shoes and clothes and clean before reuse. Wash with soap and water. Get medical attention if irritation develops or persists.

First Aid - Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

First Aid - Ingestion: If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

Section 5 - Fire Fighting Measures

Flash Point, F: 105
(TCC)

Lower Explosive Limit, %: N.D.

Upper Explosive Limit, %: N.D.

Extinguishing Media: Carbon Dioxide, Dry Chemical, Foam

Unusual Fire And Explosion Hazards: May cause flash fire or explosion. Flammable liquid and vapor. Vapors/dust may form explosive mixture with air. Vapors can travel to a source of ignition and flash back.

Special Firefighting Procedures: Do not use water. Water spray to cool containers or protect personnel. Use with caution. As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

Section 6 – Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Recover by pumping (use an explosion proof or hand pump). Eliminate all ignition sources. Prevent additional discharge of material if able to do so safely. Flush spill area with water. Use water mist or spray to disperse vapors. Ventilate spill area. Use only non-combustible material for clean-up. Avoid runoff into storm sewers and ditches which lead to waterways. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

Section 7 - Handling And Storage

Handling: Follow all MSDS/label precautions even after containers are emptied because they may retain product residues. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Use only in a well ventilated area.

Storage: Store containers in a cool, well ventilated place. Keep away from heat, sparks, and flame. Keep container closed when not in use.



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Section 8 - Exposure Controls / Personal Protection

Engineering Controls: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

Respiratory Protection: NIOSH/MSHA approved respirators may be necessary if airborne concentrations are expected to exceed exposure limits.

Skin Protection: Wear impervious protective gloves.

Eye Protection: Do not wear contact lenses. Use chemical splash goggles and face shield (ANSI Z87.1 or approved equivalent).

Other protective equipment: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Hygienic Practices: Do not eat, drink, or smoke in areas where this material is used. Avoid breathing vapors. Wash thoroughly after handling.

Section 9 - Physical And Chemical Properties

Boiling Range:	N.D. - N.D.	Vapor Density:	N.D.
Odor:	Citrus	pH:	N.D.
Appearance:	Clear liquid	Evaporation Rate:	<1 (n-butyl acetate=1)
Solubility in H ₂ O:	Partial	Viscosity:	N.D.
Freeze Point:	N.D.	Specific Gravity:	1.0120
Vapor Pressure:	N.D.		
Physical State:	Liquid		

(See section 16 for abbreviation legend)

Section 10 - Stability And Reactivity

Conditions To Avoid: Minimize exposure to air.

Incompatibility: Prevent contact with strong oxidizing agents. Keep separate from alkalies. Keep away from acids.

Hazardous Decomposition: During combustion carbon dioxide may be formed. During combustion carbon monoxide may be formed. Toxic gases/fumes are given off during burning or thermal decomposition.

Hazardous Polymerization: N.D.



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Stability: N.D.

Section 11 - Toxicological Information

Product LD50: N.D.

Product LC50: N.D.

<u>Chemical Name</u>	<u>LD50 mg/kg</u>	<u>LC50 mg/L</u>
Aliphatic dibasic esters	8191.0	18.0
1-methoxy-2-propanol	6040.0	12.5
Terpene hydrocarbons		

Section 12 - Ecological Information

Ecological Information: N.D.

Section 13 - Disposal Information

Disposal Information: Dispose of waste in accordance with all local, state and federal regulations.

Section 14 - Transportation Information

DOT Proper Shipping Name: Combustible liquid, n.o.s. (1-methoxy-2-propanol, d-limonene) - Combustible Liquid
Packing Group: III
DOT Hazard Class:
DOT UN/NA Number: NA1993
Hazard Subclass:
ERG # 128

The listed Transportation Information applies only to ground transport and does not address regulatory variations due to changes in package size, mode of shipment, or other regulatory descriptors.



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Section 15 - Regulatory Information

CERCLA – SARA Hazard Category

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD, FIRE HAZARD

SARA Section 313:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR Part 372:

Toxic Substances Control Act:

All components of this product are listed or are exempt from listing on the TSCA 8(b) inventory. If identified components of this product are listed under the TSCA 12(b) export notification rule, they will be listed below:

U.S. State Regulations: As follows –

New Jersey Right-to-Know:

The following materials are non-hazardous, but are among the top five components in this product.

<u>Chemical Name</u>	<u>CAS Number</u>
Nonionic alkoxyate	9016-45-9

Pennsylvania Right-to-Know:

The following non-hazardous ingredients are present in the product at greater than 3%.

California Proposition 65:

Warning: The following ingredients present in the product are known to the state of California to cause Cancer:

Warning: The following ingredients present in the product are known to the state of California to cause birth defects or other reproductive hazards.



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International Regulations:

CANADIAN WHMIS:

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

Section 16 - Other Information

HMIS Ratings:

Health: 1 Flammability: 2 Reactivity: 0 Personal Protection: X

VOLATILE ORGANIC COMPOUNDS, g/L: 989

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