

43327-1007

Date Printed: 10/3/2019

Product:43511

Safety Data Sheet

according to OSHA Hazard Communication
29 CFR Part 1910.1200



AWT World Trade Inc.

SECTION 1. Identification

Product Code 43511
Product Name: EM43511 / Safe-T- Wash Low Odor

Supplied by: AWT World Trade, Inc.
 4321 N. Knox Ave.
 Chicago, IL 60641

24 hr. Emergency:
CHEMTREC: 1-800-424-9300
International: +1-703-527-3887

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

SECTION 2. Hazard(s) Identification

*** EMERGENCY OVERVIEW ***: Flammable liquid and vapor. May cause harm to breast-fed children. May damage fertility or the unborn child.

GHS Classification

Flam. Liq. 3, Lact. Effect, Repr. 1A, Skin Sens. 1, STOT SE 3 NE

Symbol(s) of Product



Signal Word

Danger

Possible Hazards

54% of the mixture consists of ingredient(s) of unknown acute toxicity

GHS HAZARD STATEMENTS

Flammable Liquid, category 3	H226	Flammable liquid and vapor.
Skin Sensitizer, category 1	H317	May cause an allergic skin reaction.
STOT, single exposure, category 3, NE	H336	May cause drowsiness or dizziness.
Reproductive Toxicity, category 1A	H360	May damage fertility or the unborn child.
Effects on or via lactation	H362	May cause harm to breast-fed children.

GHS PRECAUTIONARY STATEMENTS

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting/equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe dust/fume/gas/mist/vapors/spray.
P263	Avoid contact during pregnancy/while nursing.
P264	Wash thoroughly after handling.

Date Printed: 10/3/2019

Product:43511

P270	Do not eat, drink or smoke when using this product.
P271	Use only outdoors or in a well-ventilated area.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: Wash with plenty of water
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P312	Call a POISON CENTER/doctor/physician if you feel unwell.
P321	Specific treatment (see first aid section on this label).
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P370+P378	In case of fire: Use appropriate method to extinguish.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P403+P235	Store in a well-ventilated place. Keep cool.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 3. Composition/Information on Ingredients

Chemical Name	CAS-No.	Wt. %	GHS Symbols	GHS Statements
1-methoxy-2-propanol	107-98-2	25-50	GHS02-GHS07	H226-336
Dimethyl glutarate	1119-40-0	25-50	No Information	No Information
Dimethyl succinate	106-65-0	10-25	No Information	H320
Dimethyl adipate	627-93-0	2.5-10	GHS07	H332
Terpene hydrocarbons	5989-27-5	2.5-10	GHS02-GHS07-GHS08	H226-304-315-317
Alkylphenol ethoxylate	127087-87-0	1.0-2.5	GHS07	H319
Methanol	67-56-1	0.1-1.0	GHS02-GHS06-GHS08	H225-301-311-331-360-362-370

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

SECTION 4. First-Aid Measures



FIRST AID - EYE CONTACT: Immediately flush eyes with water. Flush eyes with water for a minimum of 15 minutes, occasionally lifting and lowering upper lids. Get medical attention promptly. Remove contact lenses if worn.

FIRST AID - SKIN CONTACT: Immediately flush skin with plenty of water. Remove clothing. Get medical attention immediately. Wash clothing separately and clean shoes before reuse.

FIRST AID - INHALATION: Rescuers should put on appropriate protective gear. Remove from area of exposure. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Keep victim warm. Get immediate medical attention.

FIRST AID - INGESTION: Small amounts which accidentally enter mouth should be rinsed out until taste of it is gone. If swallowed, do NOT induce vomiting. Give victim a glass of water. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person. To prevent aspiration, keep head below knees.

SECTION 5. Fire-Fighting Measures

UNUSUAL FIRE AND EXPLOSION HAZARDS: Flammable liquid and vapor. May cause flash fire or explosion. Vapors/dust may form explosive mixture with air. Vapors can travel to a source of ignition and flash back. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. Also, do not reuse container without commercial cleaning or reconditioning. Closed container may explode under extreme heat.

SPECIAL FIREFIGHTING PROCEDURES: As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear. Do not use water. Water spray to cool containers or protect

Date Printed: 10/3/2019

Product:43511

personnel. Use with caution.

EXTINGUISHING MEDIA: Carbon Dioxide, Dry Chemical, Foam, Water Fog**SECTION 6. Accidental Release Measures**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Wear appropriate personal protective equipment. (See Exposure Controls / Personal Protection Section.) Eliminate all ignition sources. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Avoid runoff into storm sewers and ditches which lead to waterways. Ventilate spill area. Stay upwind of spill. Use water mist or spray to disperse vapors. Collect spilled materials for disposal. Use only non-combustible material for clean-up. Use clean, non-sparking tools to collect absorbed materials. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Flush spill area with water spray after clean up.

SECTION 7. Handling and Storage

HANDLING: Use only in a well ventilated area. Avoid breathing vapor, fumes or mist. Avoid contact with eyes, skin, and clothing. Potential peroxide former. If peroxide formation is suspected, do not open or move container. Take precautionary measures against static discharge. Ground and bond containers when transferring material. Use spark-proof tools and explosion proof equipment. Always open containers slowly to allow any excess pressure to vent. After opening, purge container with nitrogen before reclosing. Addition of water or appropriate reducing materials will lessen peroxide formation. Follow all MSDS/label precautions even after containers are emptied because they may retain product residues.

STORAGE: Keep away from heat, sparks, and flame. Containers can build up pressure if exposed to heat (fire). Store containers in a cool, well ventilated place. Keep container closed when not in use. Storage under nitrogen atmosphere is recommended. Do not allow to evaporate to near dryness. Protect from direct sunlight.

SECTION 8. Exposure Controls/Personal Protection**Ingredients with Occupational Exposure Limits**

<u>Chemical Name</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH-TLV STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
1-methoxy-2-propanol	50 ppm	100 ppm	N.D.	N.D.
Dimethyl glutarate	N.D.	N.D.	N.D.	N.D.
Dimethyl succinate	N.D.	N.D.	N.D.	N.D.
Dimethyl adipate	N.D.	N.D.	N.D.	N.D.
Terpene hydrocarbons	N.D.	N.D.	N.D.	N.D.
Alkylphenol ethoxylate	N.D.	N.D.	N.D.	N.D.
Methanol	200 ppm	250 ppm	200 ppm	N.D.

Personal Protection

RESPIRATORY PROTECTION: Wear a MSHA/NIOSH approved (or equivalent) full-facepiece airline respirator in the positive pressure mode with emergency escape provisions.



SKIN PROTECTION: Wear impervious gloves to prevent contact with the skin. Wear protective gear as needed - apron, suit, boots.



EYE PROTECTION: 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. Remove contaminated clothing and wash before reuse. Wash thoroughly after handling. Wash hands before eating.

Date Printed: 10/3/2019

Product:43511

SECTION 9. Physical and Chemical Properties

Appearance:	Clear liquid	Physical State:	Liquid
Odor:	Citrus	Odor Threshold:	N.D.
Density, g/cm³:	1.012	pH:	N.D.
Freeze Point, °F:	N.D.	Viscosity:	N.D.
Solubility in Water:	Partial	Explosive Limits, vol%:	0.9 - 8.0
Boiling Range, °F:	201 - 446	Flash Point, °F:	105
Evaporation Rate:	N.D.	Auto-ignition Temp., °F:	N.D.
Vapor Density:	N.D.	Vapor Pressure:	N.D.

(See "Other information" Section for abbreviation legend)

SECTION 10. Stability and Reactivity**STABILITY:** No Information**CONDITIONS TO AVOID:** Avoid impact, friction, heat, sparks, flame and source of ignition. Minimize exposure to air.**INCOMPATIBILITY:** Avoid contact with moisture and/or water. Prevent contact with strong oxidizing agents. Keep away from strong bases. Keep away from acids. Keep separate from alkalis. Avoid contact with strong acids.**HAZARDOUS DECOMPOSITION PRODUCTS:** Toxic gases/fumes are given off during burning or thermal decomposition. During combustion carbon monoxide may be formed. During combustion carbon dioxide may be formed. May form peroxides of unknown stability. Combustion can lead to the formation of formaldehyde. Combustion can lead to formation of formic acid.**HAZARDOUS POLYMERIZATION:** No Information**SECTION 11. Toxicological Information****Information on Toxicological Effects****Primary Route(s) of Entry:** Eye Contact, Ingestion, Inhalation, Skin Contact

EFFECTS OF OVEREXPOSURE - INHALATION: Breathing in the material may irritate the mucous membranes of the nose, throat bronchi and lungs. Vapors can cause irritation to the respiratory tract. Inhalation may cause CNS symptoms like fatigue, muscular weakness, drowsiness and lack of coordination. May cause dizziness and drowsiness. May cause blurred vision. High vapor concentrations may cause headache, dizziness, tiredness, nausea and/or vomiting. High doses may cause loss of concentration with collapse, coma and death in severe cases of over-exposure.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Causes skin irritation. Allergic reactions are possible. May cause redness and pain. Prolonged and or repeat skin contact may result in redness and blurred vision. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Causes eye irritation. May cause corneal injury. Symptoms may include stinging, tearing, redness and swelling. May cause blurred vision.

EFFECTS OF OVEREXPOSURE - INGESTION: May be harmful if swallowed. Ingestion may cause gastrointestinal tract irritation. May be fatal if swallowed and enters airway. May cause nausea, diarrhea, and/or vomiting.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Possible reproductive hazard. May cause damage to unborn child. May cause harm to breast-fed children. Material is slowly eliminated from the body, therefore it can have cumulative toxicity effects with repeated exposures. Significant exposure to this chemical may adversely affect people with chronic disease of the respiratory system, central nervous system, kidney, liver, skin, and/or eyes.

Carcinogenicity

<u>CAS-No.</u>	<u>Name</u>	<u>IARC</u>	<u>NTP</u>
107-98-2	1-methoxy-2-propanol	3- Not classifiable as to its carcinogenicity to humans.	Not Listed
1119-40-0	Dimethyl glutarate	3- Not classifiable as to its carcinogenicity to humans.	Not Listed

Date Printed: 10/3/2019

Product:43511

106-65-0	Dimethyl succinate	3- Not classifiable as to its carcinogenicity to humans.	Not Listed
627-93-0	Dimethyl adipate	N.D.	N.D.
5989-27-5	Terpene hydrocarbons	3- Not classifiable as to its carcinogenicity to humans.	Not Listed
127087-87-0	Alkylphenol ethoxylate	3- Not classifiable as to its carcinogenicity to humans.	Not Listed
67-56-1	Methanol	3- Not classifiable as to its carcinogenicity to humans.	Not Listed

Acute Toxicity Values

The acute effects of this product have not been tested. Data on individual components are tabulated below:

CAS-No.	Name	Oral LD50, mg/kg	Dermal LD50, mg/kg	Vapor LC50, mg/L
107-98-2	1-methoxy-2-propanol	4016	>2000	25.8
1119-40-0	Dimethyl glutarate	>5000	>2000	>20
106-65-0	Dimethyl succinate	>5000	>2000	>20
627-93-0	Dimethyl adipate	>5000	>2000	>11
5989-27-5	Terpene hydrocarbons	4400	5000	N.D.
127087-87-0	Alkylphenol ethoxylate	3314	>3000	>20
67-56-1	Methanol	300	>200	>2

SECTION 12. Ecological Information

ECOLOGICAL INFORMATION: No Information

SECTION 13. Disposal Considerations

For more guidance and information contact our Waste Services Division at (262) 658-4000.

Always dispose of any waste in accordance with all local, state, and federal regulations.

DISPOSAL METHOD: Dispose of waste in accordance with all local, state and federal regulations.

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASE OR SPILLED: Wear appropriate personal protective equipment. (See Exposure Controls / Personal Protection Section.) Eliminate all ignition sources. Prevent additional discharge of material if able to do so safely. Do not touch or walk through spilled material. Avoid runoff into storm sewers and ditches which lead to waterways. Ventilate spill area. Stay upwind of spill. Use water mist or spray to disperse vapors. Collect spilled materials for disposal. Use only non-combustible material for clean-up. Use clean, non-sparking tools to collect absorbed materials. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Flush spill area with water spray after clean up.

SECTION 14. Transport Information

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

Date Printed: 10/3/2019

Product:43511

SECTION 15. Regulatory Information**U.S. Federal Regulations:****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:

Fire Hazard, Acute Health Hazard, Chronic Health 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:

<u>Chemical Name</u>	<u>CAS-No.</u>
Methanol	67-56-1
1,4-Dioxane	123-91-1

TOXIC SUBSTANCES CONTROL ACT:

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

<u>Chemical Name</u>	<u>CAS-No.</u>
Dimethyl adipate	627-93-0

U.S. State Regulations:**NEW JERSEY RIGHT-TO-KNOW:**

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

No NJ Right-To-Know components exist in this product.

PENNSYLVANIA RIGHT-TO-KNOW

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

No PA Right-To-Know components exist in this product.

CALIFORNIA PROPOSITION 65 CARCINOGENS

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

<u>Chemical Name</u>	<u>CAS-No.</u>
1,4-Dioxane	123-91-1
ethylene oxide	75-21-8

CALIFORNIA PROPOSITION 65 REPRODUCTIVE TOXINS

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

<u>Chemical Name</u>	<u>CAS-No.</u>
Methanol	67-56-1
ethylene oxide	75-21-8

International Regulations: As follows -**CANADIAN WHMIS:**

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

WHMIS Class: No Information

Date Printed: 10/3/2019

Product:43511

SECTION 16. Other Information

Revision Date: 10/2/2019 **Supersedes Date:** 2/7/2018

Datasheet produced by: EH&S - Regulatory Department

HMIS Ratings:

Health:	1	Flammability:	2	Reactivity:	0	Personal Protection:	X
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Volatile Organic Compounds, gr/ltr: 924

DISCLAIMER: THE VOLATILE ORGANIC COMPOUND (VOC) CONTENT REPORTED HEREIN, IF ANY, IS BASED ON A MATERIAL VOC CALCULATION. NOTE THAT SEVERAL METHODS ARE USED FOR CALCULATING VOC CONTENT AND THAT STANDARDS/ REQUIREMENTS REGARDING VOC CONTENT VARY BY LOCATION/JURISDICTION. ACCORDINGLY, EMCO MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, REGARDING THIS MATERIAL'S COMPLIANCE WITH VOC STANDARDS/ REQUIREMENTS APPLICABLE IN LOCATIONS/JURISDICTIONS WHERE THIS MATERIAL MAY BE SOLD OR USED.

Text for GHS Hazard Statements shown in Section 3 describing each ingredient:

H225	Highly flammable liquid and vapor.
H226	Flammable liquid and vapor.
H301	Toxic if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H320	Causes eye irritation.
H331	Toxic if inhaled.
H332	Harmful if inhaled.
H336	May cause drowsiness or dizziness.
H360	May damage fertility or the unborn child.
H362	May cause harm to breast-fed children.
H370	Causes damage to organs.

Icons for GHS Pictograms shown in Section 3 describing each ingredient:

GHS02



GHS06



GHS07



GHS08



Date Printed: 10/3/2019

Product:43511

Legend: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined, N.I. - No Information

The information on this SDS was obtained from sources which we believe to be reliable. However, the information provided is without any warranty, expressed or implied, regarding its correctness. Some information presented and conclusions drawn herein are from sources other than direct test data on the product itself. The information and recommendations are offered for the user's consideration and examination and should be used to make an independent determination of the methods to safeguard workers and the environment. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For these reasons we do not assume responsibility and expressly disclaim any liability for loss, damage, or expense arising out of or in any way connected with handling, storage, use, or disposal of this product. If the product is used as a component in another product, this SDS may not be applicable. It is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.