



7818 DEPOT LANE, TAMPA, FL 33637

FOR 24 HOUR EMERGENCY: CALL CHEM\*TEL 1-800-255-3924

INTERNATIONAL: (813) 248-0573

FOR INFORMATION: (813) 988-4910

C.A.S. NO.: Mixture Proprietary

REVISION DATE: January 29, 2008

# MATERIAL SAFETY DATA SHEET

## 1. PRODUCT IDENTIFICATION

**TRADE NAME:** White Wash Regular, Plus & Super

**DOT SHIPPING NAME:** Flammable Liquids NOS (Xylene)

**DOT/UN ID NO.:** UN 1993

**DOT CLASS:** 3

**LABEL REQUIRED:** Flammable

**PACKING GROUP:** III

## 2. INFORMATION ON HAZARDOUS INGREDIENTS

MATERIAL	C.A.S. NO.	PEL	TLV
Aromatic Hydrocarbon	64742-95-6	N/E	N/E
Xylene	1330-20-7	100 PPM	100 PPM
Titanium Dioxide	13463-67-7	10 mg/M <sup>3</sup>	10 mg/M <sup>3</sup>
Propylene glycol methyl ether acetate	108-65-6	N/A	N/A
Ethyl benzene	100-41-4	100 PPM	100 PPM

## 3. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW:** Flammable liquid and vapor. Causes severe eye irritation. May cause severe respiratory tract irritation. Inhalation may cause dizziness, headache and incoordination. Causes digestive tract irritation. Ingestion may cause dizziness, faintness, headache, incoordination, inflammation of the lungs, nausea, vomiting and upset stomach. May cause skin irritation.

**PRIMARY ROUTES OF EXPOSURE:** Eye. Skin. Inhalation (breathing).

### POTENTIAL HEALTH EFFECTS:

**EYE CONTACT:** Causes moderate to severe irritation. Can cause burning sensation, tearing and redness.

**SKIN CONTACT:** May cause moderate irritation. Prolonged or repeated contact may dry skin and lead to irritation (i.e. dermatitis). May be absorbed through skin. Can cause redness, itching and burning sensation.

**INHALATION (Breathing):** Irritating to the eyes, nose and respiratory tract. Can cause dizziness, headaches and incoordination, drowsiness, unconsciousness and other central nervous system effects, including death. Nausea, vomiting and stomach upset can occur. Can cause wheezing, coughing, shortness of breath and tightness in the chest. Can cause anesthetic and/or narcotic effects.

**INGESTION:** Severely irritating to the mouth, throat and stomach. May be harmful if swallowed. May cause nausea, vomiting, pain and stomach upset (e.g., diarrhea). Can cause dizziness, faintness, headache and incoordination. Small amounts of this product aspirated into the respiratory system during ingestion or vomiting may cause mild to severe pulmonary injury, possibly progressing to death. May cause inflammation of the lungs.

**TARGET ORGANS/CHRONIC EFFECTS:** Liver. Kidneys. Nervous system. Lungs and respiratory system. Eyes. Skin.

**CONDITIONS AGGRAVATED BY EXPOSURE:** Liver. Kidneys. Lungs and respiratory system. Skin.

CARCINOGENICITY:	ACGIH	IARC	NTP	OSHA
Aromatic Hydrocarbon	N/A	N/A	N/A	N/A
Xylene	No	No	No	No
Titanium Dioxide	No	No	No	No
Propylene glycol methyl ether acetate	No	No	No	No
Ethyl benzene	No	No	No	No

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#### 4. FIRST AID MEASURES

**SKIN:** Immediately flush with water. Remove contaminated clothing and shoes. Get medical attention if irritation persists. Professionally wash clothing and shoes before re-use.

**EYE:** Immediately flush eyes with plenty of water for at least 15 minutes. Get prompt medical attention.

**INGESTION:** Do not induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. **GET MEDICAL ATTENTION\***

**INHALATION:** Remove to fresh air. If symptoms develop, seek immediate medical attention. If not breathing, give artificial respiration.

**\*NOTE TO PHYSICIAN:** If more than 2.0 ML per KG has been ingested and vomiting has not occurred, emesis should be induced with supervision. Keep victim's head below hips to prevent aspiration. If symptoms such as loss of gag reflex, convulsions or unconsciousness occur before emesis, gastric lavage using a cuffed endotracheal tube should be considered.

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#### 5. FIRE FIGHTING MEASURES

**FLASH POINT:** 80° F (TCC)

**FLAMMABLE LIMITS:** Lower: 1 Upper: 7

**EXTINGUISHING MEDIA:** Use water fog, foam, dry chemical or CO<sub>2</sub>. Do not use a direct stream of water. Product will float and can be reignited on surface of water.

**SPECIAL FIRE FIGHTING PROCEDURE:** Caution. Combustible. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus (SCBA). Cool fire exposed containers with water.

**UNUSUAL FIRE EXPLOSION HAZARD:** High temperatures can cause sealed containers to rupture due to a build up of internal pressure. Cool with water. Vapors can travel to a source of ignition (Flame, electric motor, hot surface, cigarette, etc.) and flash back. During a fire, irritating and highly toxic gases may be generated during combustion or decomposition.

**AUTO IGNITION TEMPERATURE:** Approximately 880° F.

**HAZARDOUS DECOMPOSITION PRODUCTS:** Smoke, soot and toxic/irritating fumes (i.e., carbon dioxide, carbon monoxide, etc.). Acrylic monomers. Unidentified organic compounds.

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#### 6. ACCIDENTAL RELEASE MEASURES

**EVACUATION:** Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Eliminate all sources of ignition.

**CONTAINMENT:** Safely stop discharge. Contain material, as necessary, with a dike or barrier. Stop material from contaminating soil, or from entering sewers or bodies of water.

**CLEAN UP/ PERSONAL PROTECTION EQUIPMENT:** Appropriate safety measures and protective equipment should be used. Use supplied air respirator or self-contained breathing apparatus (SCBA) in enclosed spaces or if airborne exposure limits can be exceeded. See Section 8.

**COLLECTION AND DISPOSAL:** Stop discharge, if safe to do so. Use proper protective equipment. Use non-sparking tools and/or explosion-proof equipment. Stop ignition sources. Cover spills with absorbent clay or sawdust and place in closed chemical waste containers. Dispose of according to applicable local, state and federal regulations.

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## 7. HANDLING AND STORAGE

**STORAGE CONDITIONS:** Store in cool, dry, well ventilated area away from heat, ignition sources and direct sunlight. Keep containers tightly closed. **WARNING:** Hot organic chemical vapors or mists can suddenly and without warning combust when mixed with air. Ignition can occur at typical elevated temperature process conditions. Any use in such processes should be evaluated thoroughly to assure safe operating conditions.

**TRANSFER:** Containers should be supported and grounded before opening, dispensing, mixing, pouring and emptying. Open with non-sparking tools. If container is warm, open slowly to release internal pressure.

**PERSONAL HYGIENE:** Wash thoroughly after handling, especially before eating, drinking, smoking and using restroom facilities. Wash contaminated clothing before re-use.

**EMPTY CONTAINER PRECAUTIONS:** Attention! This container hazardous when empty. Follow label warnings even after container is emptied since empty containers may retain product residues. Do not use heat, sparks, open flames, torches, cigarettes on or near empty container. Do not reuse empty container without professional cleaning for food, clothing or products for human or animal consumption or where skin contact can occur.

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## 8. EXPOSURE CONTROLS, PERSONAL PROTECTION

**RESPIRATORY PROTECTION:** Avoid breathing vapors and/or mists. Wear NIOSH/MSHA approved equipment. Determine the appropriate type by consulting the respirator manufacturer. High airborne concentrations may necessitate the use of self-contained breathing apparatus (SCBA) or a supplied air respirator. Respiratory protection programs must be in compliance with 29 CFR 1910.134.

**VENTILATION REQUIREMENTS:** Use explosion-proof ventilation as required to control vapor concentrations.

**EYE PROTECTION:** Wear chemical splash goggles. An eye wash facility should be readily available.

**SKIN PROTECTION:** Wear protective clothing and appropriate impervious gloves. Because a variety of protective gloves exists, consult glove manufacturer to determine the proper type for a specific operation.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**BOILING POINT:** 300° F.

**VAPOR PRESSURE (MM Hg):** N.D.

**VAPOR DENSITY (AIR = 1):** N.D.

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 0.99.

**DENSITY (LBS/GAL):** 7.6932

**PERCENT VOLATILE BY VOLUME (%):** 74%.

**MELTING POINT:** N/A.

**EVAPORATION RATE:** <Ether

**SOLUBILITY IN WATER:** None

**pH:** N.D.

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## 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY:** Stable under normal conditions of use.

**HAZARDOUS POLYMERIZATION:** Will not occur.

**KEEP AWAY FROM:** High temperatures and flame. Oxidizers. Acids.

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## 11. TOXICOLOGICAL INFORMATION

**COMPONENTS:**

Aromatic Hydrocarbon:

Rats exposed for 4 months to 1700 PPM of a solvent similar to this solvent showed evidence of mild damage to liver, lungs and kidneys. These effects were not seen in rats exposed for one year to 350 PPM of another similar solvent. Rats exposed to vapors of a similar solvent during pregnancy showed embryo/fetotoxicity at concentrations producing maternal toxicity.

In response to a TSCA test rule, several studies of a compound similar to this solvent have been completed. Mutagenicity studies and a rat inhalation neurotoxicity study were negative. In a mouse developmental effects study, reduced fetal body weight was seen but no teratogenicity. A rat reproductive effects study demonstrated toxicity but little effect on reproductive parameters.

#### Xylene:

Xylene is not listed as a carcinogen by NTP, IARC or OSHA and we are not aware of data indicating it is mutagenic, carcinogenic or a skin sensitizer. Laboratory animals exposed to prolonged and repeated high doses of xylene by various routes have shown hearing loss and effects in liver, kidneys, lungs, spleen, heart, blood and adrenals: developmental toxicity studies showed embryolethal/toxic and teratogenic effects with maternal toxicity. The effects of solvents on human hearing are uncertain. Solvent abusers and noise interaction with xylene (mixed solvent) in the work environment may cause signs of hearing loss.

#### Titanium Dioxide:

In a 2 year study in rats, an increase in benign and malignant lung tumors was observed at 250 mg/m<sup>3</sup> respirable dust level. This level is 50 times the current occupational exposure level and is not expected to correlate to human exposures.

#### Propylene Glycol Methyl Ether Acetate:

Oral LD50	Rat	8532 mg/kg
Dermal LD50	Rabbit	>5000 mg/kg
Inhalation LC50	Rat	4345 ppm/6 hrs.

#### Ethyl Benzene:

Oral LD50	Rat	3500 mg/kg
Dermal LD50	Rabbit	17800 mg/kg

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## 12. ECOLOGICAL INFORMATION

No data are available on this product.

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## 13. DISPOSAL CONSIDERATIONS

GENERAL STATEMENTS: Federal regulations may apply to empty container. State and/or local regulations may be different.

GENERAL RECOMMENDATIONS: Of the methods of disposal currently available, it is recommended that an alternative be selected according to the following order of preference, based upon environmental acceptability: (1) recycle or rework, if feasible; (2) incinerate at an authorized facility; or (3) treat at an acceptable waste treatment facility.

## 14. TRANSPORTATION INFORMATION

DOT SHIPPING NAME: Flammable Liquids - NOS (Xylene)

DOT HAZARD CLASS: 3

UN/NA NUMBER: 1993

PACKING GROUP: III

DOT LABEL: Flammable Liquids - NOS (Xylene), 3, UN 1993, III

DOT PLACARD: Flammable

PRODUCT LABEL: Flammable

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## 15. REGULATORY INFORMATION

This product is considered hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

SARA Title III - Section 311/312 - Hazard Categories:

- Y- Fire Hazard
- N- Sudden Release of Pressure Hazard
- N- Reactivity Hazard
- Y- Immediate (acute) Health Hazard
- Y- Delayed (chronic) Health Hazard

Ozone Depleting Chemicals - No regulated ingredients.

SARA Section 302 Extremely Hazardous Material - No regulated ingredients.

SARA Section 313 Toxic Chemicals

- Xylene
- Ethyl Benzene

CHEMICAL LISTING - Components of this product listed on the following Country's Chemical Inventories:

European Union  
Listed

EINECS (Euro. Inventory of Chem Subst.)

United States  
Chemical components in this product are on the section 8(b) Chemical Substance Inventory List (40 CFR 710).

Toxic Substance Control Act

STATE RIGHT-TO-KNOW:

Pennsylvania - New Jersey R-T-K

Trimethylbenzene	95-63-6	18.9
Xylene	1330-20-7	11.6 - 23.2
Environmental Hazard.		
Ethyl benzene	100-41-4	2 - 3.9
Environmental Hazard.		
Titanium Dioxide	13463-67-7	9.3
Propylene glycol methyl ether acetate	108-65-6	3.4
Non-hazardous trade secret ingredient(s)	Proprietary Balance	

California - California Proposition 65

WARNING: This product contains a chemical(s) known to the State of California to cause cancer and birth defects or other reproductive harm.

Toluene	108-88-3	0.01
Reproductive Hazard.		
Benzene	71-43-2	Trace*
Cancer Hazard.		

\* Trace = present at less than 0.01 percent.

The following chemical is listed by the State of California on their Hazardous Substance List:

Trimethylbenzene	95-63-6	18.9
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CONEG - No data available.

CANADA:

This product contains materials deemed "controlled products" under the Canadian Workplace Hazardous Materials Information System (WHMIS).

Class B Division 2

Class D Division 2 Sub-division B

CEPA - NPRI

- Xylene
- Ethyl benzene

Domestic Substance List  
Listed.

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## 16. OTHER INFORMATION

HEALTH

2

FLAMMABILITY

3

REACTIVITY

0

SPECIAL HAZARD

0

(Degree of hazard: 0 = No Hazard, 4 = Severe Hazard)

**USERS RESPONSIBILITY:** A bulletin such as this cannot be expected to cover all possible individual situations. As the user has the responsibility to provide a safe workplace, all aspects of an individual operation should be examined to determine if, or where, precautions - in addition to those described herein - are required. Any health hazard and safety information herein should be passed on to your customers or employees, as the case may be.

**DISCLAIMER OF LIABILITY:** The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. All chemicals may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist. Final determination of suitability of the chemical is the sole responsibility of the user. No representations or warranties, either expressed or implied, of merchantability, fitness for a particular purpose or any other nature are made hereunder with respect to the information contained herein or the chemical to which the information refers. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations.

< = Less Than

> = More Than

N/A = Not Applicable

ND = Not Determined

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