



SAFETY DATA SHEET

Product: YM.1261.01 - BLACK WIPING STAIN WB

Revision: 01

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1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Identification of the product:	YM.1261.01 - BLACK WIPING STAIN WB
Supplier product code:	YM.1261.01
Recommended uses:	This product is indicated to prepare new wiping stain colors for spray gun and rag application in furniture finishing processes for interior use.
Restrictions on use:	There are not known restrictions on use of the product.
Supplier name:	Renner Wood Coatings
Address:	651, Michael Wylie Drive, Charlotte - NC - USA
Telephone number:	1 704 527 9261
Emergency telephone number:	001 800 255 3924
Fax number:	1 704 527 9225
E-mail address:	info@rennerwoodcoatings.com

2 - HAZARDS IDENTIFICATION

Most important hazards:	May cause drowsiness or dizziness. May cause respiratory irritation. Causes mild skin irritation. Causes eye irritation. Harmful to aquatic life with long lasting effects.
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Product effects

Adverse effects to the human health:	May cause drowsiness or dizziness. May cause respiratory irritation. Causes mild skin irritation. Causes eye irritation.
Environmental effects:	Harmful to aquatic life with long lasting effects.
Physical and chemical hazards:	It is not expected that product presents physical and chemical hazards.
Chemical product-specific hazards:	It is not expected that product presents specific hazards.
Classification of the chemical product:	Skin Corrosion/Irritation - Category 3 Eye Damage/Irritation - Category 2B Specific Target Organ Toxicity - Single Exposure - Category 3 Hazardous to the Aquatic Environment - Acute Hazard - Category 3 Hazardous to the Aquatic Environment - Chronic Hazard - Category 3
Classification system adopted:	Globally Harmonized System of Classification and Labeling of Chemicals (GHS), United Nations.

Adequate labeling elements

Pictograms:



Signal word: WARNING



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Hazard statement(s):
H316 Causes mild skin irritation.
H320 Causes eye irritation.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statement(s):
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash hands thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P273 Avoid release to the environment.
P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER or a doctor, if you feel unwell.
P332 + P313 If skin irritation occurs: Get medical advice/attention.
P337 + P313 If eye irritation persists: Get medical advice/attention.
P403 + P233 Store in a well-ventilated place. Keep container tightly closed.
P405 Store locked up.
P501 Dispose of contents and container in accordance with local regulations.

3 - COMPOSITION/INFORMATION ON INGREDIENTS**MIXTURE**

Components contributing to the hazard:
Propylene glycol (CAS 57-55-6): 14.775 - 24.625%
Acetyltributyl citrate (CAS 77-90-7): 13.350 - 22.250%
1-methoxy-2-propanol (CAS 107-98-2): 10.500 - 17.500%
Dipropylene glycol monomethyl ether (CAS 34590-94-8): 6.000 - 10.000%
Acid black 52 (CAS 5610-64-0): 4.500 - 7.500%
Ammonium hydroxide (CAS 1336-21-6): 0.045 - 0.075%
2-(2-butoxyethoxy)ethanol (CAS 112-34-5): 0.038 - 0.063%
1,2-benzisothiazoline-3-one (CAS 2634-33-5): 0.006 - 0.011%
Sodium hydroxide (CAS 1310-73-2): 0.002 - 0.003%

4 - FIRST-AID MEASURES**Exposure routes**

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If the victim feels unwell, contact a TOXICOLOGICAL INFORMATION CENTER or a doctor. Bring this SDS.

Skin contact: Wash exposed skin with sufficient amount of water to remove the material. Take off and isolate contaminated clothing and shoes. In case of skin irritation: contact a doctor. Bring this SDS.

Eye contact: Wash carefully with water for several minutes. In case of use of contact lenses, remove them, if possible. Keep washing. If eyes irritation continues: Contact a doctor. Bring this SDS.



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Ingestion:	Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse the victims mouth with water in abundance. If the victim feels unwell, contact a TOXICOLOGICAL INFORMATION CENTER or a doctor. Bring this SDS.
Most important acute and/or anticipated delayed symptoms/effects:	Causes irritation to skin Redness and dryness and with eyes Redness and tearing. May cause respiratory irritation. May cause drowsiness or dizziness.
Protection of first-aiders and/or special notes to a physician:	Avoid contact with the product to help the victim. Keep victim warm and quiet. Symptomatic treatment should comprise mainly supportive measures such as correction of electrolyte disturbances, metabolic, and respiratory support. In case of skin contact do not rub the affected site.

5 - FIRE-FIGHTING MEASURES

Extinguishing media:	Appropriate: Compatible with carbon dioxide (CO ₂), foam, water mist and powder. Inappropriate: Water jet directly.
Specific hazards arising from the chemical product:	The combustion or the chemical containers may form toxic and irritant gases such as carbon monoxide and carbon dioxide. Vapors may be heavier than air and tend to accumulate in low or confined areas, such as sewers and basements. Containers may explode if heated.
Special equipment for the protection of fire-fighters and specific extinguishing methods:	Use self-contained breathing apparatus (SCBA) operated in positive pressure mode and complete protective clothing. Containers and tanks involved in the fire should be cooled with water mist.

6 - ACCIDENTAL RELEASE MEASURES

Personal precautions:	Do not smoke. Avoid exposure to the product. If necessary, use personal protective equipment as described in Section 8.
Protective equipment:	Use protective equipment as described in Section 8.
Emergency procedures:	It is recommended the installation of fire alarm system and leak detection in local storage and use of the product.
Environmental precautions:	Avoid that the spilled material reaches waterways or sewage system.
Methods and materials for containment and cleaning up:	Use water mist or vapor suppressing foam to reduce the dispersion of vapors. Use natural barriers or spill containment. Collect spilled material and put it into containers. Adsorb the remaining product with dried sand, vermiculite or any other inert material. Put the adsorbed material in appropriate containers and remove them to a safe place. Use tools that do not cause sparks to collect absorbed material. For final destination, proceed pursuant to Section 13 of this SDS.
Secondary disaster prevention measures:	Do not dispose directly into the environment or into the sewage system. The products resulting from fire control may cause pollution.

7 - HANDLING AND STORAGE

Handling



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Precautions for safe handling:	Handle in a well ventilated area or with general system of ventilation/local exhaust. Avoid vapors and mists formation.
Technical measures:	It is not expected that the product presents a fire or explosion hazard. Use personal protective equipment as described in Section 8.
Suitable precautions and prevention of contact:	Wash hands and face thoroughly after handling and before eating, drinking, smoking or going to the bathroom. Do not eat, drink or smoke while using this product.
Storage	
Conditions for safe storage:	Store in a well ventilated place away from sunlight. Keep container closed. Keep away from high temperatures. Keep stored at room temperature not exceeding 35°C (95°F).
Technical measures:	Keep away from high temperatures and contact with incompatible materials.
Incompatible substances and mixtures:	Hydrochloric acid, perchloric acid, acids, oxidizing agents, alcohols, acid anhydride, air, base, ketones, chlorine, oxygen difluoride, glycol esters, fluorine, glycols, nitrates and chloro trifluoride.
Packaging materials	
Recommended material:	Plastic
Inappropriate material:	Metal

8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION**Permissible concentration**

Occupational exposure limit:	<u>-1-methoxy-2-propanol:</u> TLV - TWA (ACGIH, 2015): 50 ppm TLV - STEL (ACGIH, 2015): 100 ppm. <u>-Dipropylene glycol monomethyl ether:</u> TLV - TWA (ACGIH, 2015): 100 ppm TLV - STEL (ACGIH, 2015): 150 ppm. <u>-2-(2-butoxyethoxy)ethanol:</u> TLV - TWA (ACGIH, 2015): 10 ppm (IFV). <u>-Ammonium hydroxide:</u> TLV - TWA (ACGIH, 2012): 14 TLV - STEL (ACGIH, 2012): 50. (IFV) Inhalable fraction and vapor.
Biological limit:	Not established.
Engineering controls measures:	Promote direct mechanical ventilation and exhaust system to the outside environment. These measures help reduce exposure to product. Maintain atmospheric concentrations of the constituents of the product below occupational exposure limits indicated.
Other limits:	Not established.
Appropriate personal protective equipment	
Respiratory protection:	Respiratory protective mask with filter for organic solvents.
Hand protection:	Butyl rubber, nitrile rubber, latex, neoprene or PVC protective gloves.
Eye protection:	Safety glasses or face shield.
Skin and body protection:	Safety shoes, pants and long sleeves cotton shirt with clenched fists or protection of whole body against chemical splash.
Special precautions:	Not established.



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9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, form and colour):	Liquid
Odour and odour threshold:	Not available.
pH:	8 to 9
Melting point/freezing point:	Not available.
Boiling point, initial boiling and boiling range:	Not available.
Flashpoint:	Not available.
Evaporation rate:	Not available.
Flammability (soil, gas):	Not applicable.
Upper/lower flammability or explosive limits:	Not available.
Vapour pressure:	Not available
Vapour density:	Not available
Density/relative density:	1.085 to 1.125 at 25°C (77°F)
Solubility(ies):	Miscible in water.
n-octanol/water partition coefficient:	Not available.
Auto-ignition temperature:	Not available.
Decomposition temperature:	Not available.
Viscosity:	Not available.
Other information:	VOC: 461.87 g/L; VOC: 3.854 lb/US gal HAP: 0.0 g/L; HAP: 0.000 lb/US gal

10 - STABILITY AND REACTIVITY

Chemical stability:	Product is stable under normal conditions of temperature and pressure.
Hazardous reactions:	1-methoxy-2-propanol: Reacts violently with strong oxidizing agents, hydrochloric acid and acid anhydride. 2- (2-butoxyethoxy) ethanol: Vapors of the product may form an explosive mixture with air. Ammonia hydroxide: The product shows corrosive action on copper alloys. Reacts with acids releasing chlorine (very irritating and toxic gas)
Conditions to avoid:	High temperatures. Contact with incompatible materials.
Incompatible materials:	Hydrochloric acid, perchloric acid, acids, oxidizing agents, alcohols, acid anhydride, air, base, ketones, chlorine, oxygen difluoride, glycol esters, fluorine, glycols, nitrates and chloro trifluoride.
Hazardous decomposition products:	No dangerous decomposition products known.

11 - TOXICOLOGICAL INFORMATION



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Acute toxicity:	It is not expected that the product presents acute toxicity.
Skin irritation/corrosion:	Causes mild skin irritation with Redness and dryness.
Eye damage/irritation:	Causes eye irritation with Redness and tearing.
Respiratory or skin sensitization:	It is not expected that the product causes respiratory or skin sensitization.
Reproductive cell mutagenicity:	It is not expected that the product presents germ cell mutagenicity.
Carcinogenicity:	It is not expected that the product presents carcinogenicity.
Reproductive toxicity:	It is not expected that the product presents reproductive toxicity.
Specific target organ toxicity - single exposure:	May cause drowsiness or dizziness may cause dizziness and nausea. May cause respiratory irritation may cause cough and sneezing.
Specific target organ toxicity - repeated exposure:	It is expected that the product presents toxicity specific target organ toxicity by repeated exposure.
Aspiration Hazard:	It is not expected that the product presents aspiration hazard.

12 - ECOLOGICAL INFORMATION**Environmental effects, behavior and fate of the product**

Ecotoxicity:	Harmful to aquatic life with long lasting effects. Information regarding to: -Acid black 52: LC ₅₀ (<i>Pimephales promelas</i> , 96h): 6.2 mg/L -Propylene glycol: LC ₅₀ (Fish, 96h): > 100 mg/L ErC ₅₀ (<i>Green algae</i> , 96h): 18.8 mg/L LC ₅₀ (<i>Oncorhynchus mykiss</i> , 96h): 40.613 mg/L -Acetyltributyl citrate: EC ₅₀ (<i>Crustacea</i> , 48h): 7.82 mg/L -Ammonium hydroxide: LC ₅₀ (Fish, 96h): 0.45 mg/L
Persistence and degradability:	It is expected that the product presents persistence and it is not considered readily biodegradable. Information regarding to: -Dipropylene glycol monomethyl ether: Degradation rate: 75% in 28 days.
Bioaccumulative potential:	Presents high bioaccumulative potencial in aquatic organisms. Information regarding to: -Acetyltributyl citrate: log K _{ow} : 4.86
Mobility in soil:	Not determined.
Other adverse effects:	There are not known other environmental effects for this product.

13 - DISPOSAL CONSIDERATIONS



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Methods of disposal to the product waste/residues:	Must be disposed of as hazardous waste in compliance with local regulations. The treatment and disposal should be evaluated for each specific product. Keep the product remains in its original and properly closed containers. Disposal should be performed as established for the product.
Contaminated container/packaging:	Do not reuse empty containers. These may contain product residues and should be kept closed and sent for proper disposal as established for the product.

14 - TRANSPORT INFORMATION

International regulations

Land:	UN - "United Nations" Recommendations on the TRANSPORT OF DANGEROUS GOODS. Model Regulations
Sea:	IMO - International Maritime Organization International Maritime Dangerous Goods Code (IMDG Code)
Air:	IATA - International Air Transport Association Dangerous Goods Regulation (DGR)
UN number:	Not classified as hazardous to transport in different modals.
Transport in bulk according to MARPOL 73/78, Annex II, and the IBC Code:	Consult regulations: - International Maritime Organization. MARPOL: Articles, protocols, annexes, unified interpretations of the International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 relating thereto, consolidated edition. IMO, London, 2006. - International Maritime Organization. IBC code: International code for the construction and equipment of shipping carrying dangerous chemicals in bulk: With Standards and guidelines relevant to the code. IMO, London, 2007.

15 - REGULATORY INFORMATION

Specific regulations for the chemical product:	Convention concerning Safety in the use of Chemicals at Work (Convention 170) - International Labour Organization, 1990; International Organization for Standardization - ISO 11014:2009. TSCA status: We certify that all of the components of this product are listed on the TSCA Inventory. DSL status: We certify that all of the components of this product are listed on the DSL. Prop.65: This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.
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16 - OTHER INFORMATION



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Important information, but not specifically described in the previous sections:

This SDS was prepared based on current knowledge about the proper product handling and under normal conditions of use, in accordance with the application specified on the packaging. Any other use of the product involving their combination with other materials, and use various forms of those indicated, are the responsibility of the user. Warns that the handling of any chemical substance requires the prior knowledge of its hazards for the user. In the workplace it is for the user company's product promotes training of its collaborators about the possible risks arising from exposure to the chemical.

SDS elaborated in November 2016.

Hazard classification of chemical: Health: 1
Flammability: 0
Instability: 0

Classification system adopted: National Fire Protection Association: NFPA 704.

Hazard classification of chemical: Health: 2
Flammability: 0
Physical Hazard: 0
Personal Protection: G

Classification system adopted: National Paint & Coatings Association: NPCA.
NFPA 704:



HMIS:

HEALTH	2
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	G



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Captions and abbreviations:

ACGIH - *American Conference of Governmental Industrial Hygienists*

CAS - *Chemical Abstracts Service*

EC₅₀ - *Effective Concentration 50%*

LC₅₀ - *Lethal Concentration 50%*

STEL - *Short Term Exposure Limit*

TLV - *Threshold Limit Value*

TWA - *Time Weighted Average*

VOC - *Volatile Organic Compound*

Bibliographical references:

Globally Harmonized System of Classification and Labelling of Chemicals (GHS). 6. rev. ed. New York: United Nations, 2015.