

SAFETY DATA SHEET

Section 1 - Product and Company Identification

Product Name: GRAY AQUA MAR QUICK DRY WR AD EN Product Code: SP-13043-3

Manufacturer

Marcus Paint Company
235 E. Market Street
Louisville, KY 40202

Phone: 1-502-584-0303
1-866-348-1392
Fax: 1-502-587-0922
Email: info@marcupaint.com
Web: www.marcupaint.com

Emergency Phone in KY: 1-800-722-5725
Outside Kentucky: 1-800-854-6813

Product Use: Paint and Related
Not recommended for: Not Applicable

Section 2 - Hazards Identification

GHS Ratings:

Flammable liquid	4	Flash point $\geq 60^{\circ}\text{C}$ (140°F) and $\leq 93^{\circ}\text{C}$ (200°F)
Oral Toxicity	Acute Tox. 2	Oral $>5 < \leq 50\text{mg/kg}$
Skin corrosive	3	Reversible adverse effects in dermal tissue, Draize score: $\geq 1.5 < 2.3$
Respiratory sensitizer	1	Respiratory sensitizer
Carcinogen	2	Limited evidence of human or animal carcinogenicity
Reproductive toxin	2	Human or animal evidence possibly with other information

GHS Hazards

H227	Combustible liquid
H300	Fatal if swallowed
H316	Causes mild skin irritation
H334	May cause allergy or asthma symptoms or breathing difficulties if inhaled
H351	Suspected of causing cancer
H361	Suspected of damaging fertility or the unborn child

GHS Precautions

P201	Obtain special instructions before use
P202	Do not handle until all safety precautions have been read and understood
P210	Keep away from heat/sparks/open flames/hot surfaces – No smoking
P235	Keep cool
P261	Avoid breathing dust/fume/gas/mist/vapours/spray
P264	Wash hands thoroughly after handling
P270	Do not eat, drink or smoke when using this product
P280	Wear protective gloves/protective clothing/eye protection/face protection
P281	Use personal protective equipment as required
P285	In case of inadequate ventilation wear respiratory protection
P321	Specific treatment as specified on label
P330	Rinse mouth

P301+P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
P304+P341	IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
P308+P313	IF exposed or concerned: Get medical advice/attention
P332+P313	If skin irritation occurs: Get medical advice/attention
P342+P311	Call a POISON CENTER or doctor/physician
P370+P378	In case of fire: Use ... for extinction
P405	Store locked up
P403+P235	Store in a well ventilated place. Keep cool
P501	Dispose of contents/container to an approved waste disposal plant

Danger



Unnecessary exposure to any chemical should be avoided. NOTICE--Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Do not breathe vapors or spray mist. Wear an appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after applicable limits. Follow respirator manufacturer's directions for respirator use.

Section 3 - Composition Information On Ingredients

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Water 7732-18-5 60 to 70% Vapor Pressure: 2.3 kPa (20C)	No Data Available	No Data Available	No Data Available
Titanium dioxide 13463-67-7 1 to 5%	15 mg/m3 TWA (total dust)	10 mg/m3 TWA	No Data Available
Glycol Ether DPNB 29911-28-2 1 to 5%	No Data Available	No Data Available	No Data Available
2-Butoxyethanol 111-76-2 1 to 5% Vapor Pressure: .6 mmHg	50 ppm TWA; 240 mg/m3 TWA	20 ppm TWA	NIOSH: 5 ppm TWA; 24 mg/m3 TWA

Carbon Black (1) 1333-86-4 0.1 to 1.0%	3.5 mg/m ³ TWA	3 mg/m ³ TWA (inhalable fraction)	NIOSH: 3.5 mg/m ³ TWA; 0.1 mg/m ³ TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as PAH)
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(1) Exposure to this material, per se, does not occur when it remains bound within a product matrix, such as rubber, ink, or paint

Section 4 - First Aid

Inhalation:

Inhalation may cause irritation of the lungs and respiratory tract. Excessive inhalation of vapors can cause nasal and respiratory irritation. Inhalation of high vapor concentrations are irritating to the respiratory tract. May cause headaches and dizziness. Solvents are anesthetic and may have other central nervous system effects. Inhalation of dust concentrations above the PEL may cause temporary upper respiratory tract discomfort.

After inhalation:

If inhaled, move person into fresh air. Monitor respiratory function. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.
In case of unconsciousness place patient stably in position for transportation.

Eye Contact:

Eye contact may cause severe irritation, redness, tearing and blurred vision. Eye contact can cause moderate irritation, redness and tearing. Eye contact may cause temporary discomfort.

After eye contact:

Rinse opened eye for at least 15 minutes under running water. Remove contact lenses if present and easy to do so. If symptoms persist, consult a doctor.

Skin Contact:

Skin contact prolonged or repeated can cause moderate irritation, defatting and dermatitis. Skin contact can cause slight irritation. Can be absorbed through the skin. Skin contact can cause reddening, irritation, dermatitis, possible sensitization.

After skin contact:

Immediately wash with water and soap and rinse thoroughly. Remove contaminated clothing. If skin irritation continues, consult a doctor.

Ingestion:

Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

After ingesting:

Drink copious amounts of water and provide fresh air. Immediately call a doctor. DO NOT induce vomiting unless instructed to do so. Material can enter lungs (aspiration hazard) during swallowing or vomiting resulting in lung inflammation or other lung injury. Never give anything by mouth to an unconscious person.

Section 5 - Fire Fighting Measures

Flash Point: 62 C (144 F)

LEL: 1.00

UEL: 11.00

Suitable extinguishing agents:

CO₂, sand, extinguishing powder. Do not use water for solvent based products.
Fight larger fire with alcohol resistant foam.

For safety reasons unsuitable extinguishing agents:

Do not use volume water jet.

Special hazard arising from the substance or mixture:

Formation of toxic gases is possible during heating or in case of fire. Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Vapors may be heavier than air and may travel along the ground before ignition/flashing back to vapor source. Keep welding or cutting equipment away from product. Dispose of debris and contaminated firefighting material in accordance with all local, state, and federal regulations.

Keep containers tightly closed. Isolate from heat, electrical equipment, sparks and open flame. Vapors may be heavier than air and may travel along the ground before ignition/flashing back to vapor source. Keep welding or cutting equipment away from product. Dispose of fire debris and contaminated firefighting material in accordance with official regulations .

Clear fire area of unprotected personnel. Containers that are exposed to intense heat should be cooled with water. Avoid spreading burning liquid with the water used for cooling purposes . Do not enter fire area without protective gear. Fight fire from safe distance or a protected location.

Section 6 - Accidental Release Measures
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Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Keep unprotected persons away.
Keep away from ignition sources.
Wear protective clothing.
Keep from contacting skin or eyes.
Avoid breathing vapors, mist, or gas.
Ensure adequate ventilation.
Evacuate personnel to safe areas.
If any equipment is necessary, ensure that it is non-sparking and electrically-protected .

Environmental precautions:

Do not allow product to reach sewage system or any water source.
In case of seepage into the ground inform responsible authorities
Prevent from spreading (e.g. by damming-in or oil barriers).
Keep contaminated washing water and dispose of appropriately

Methods and material for containment and cleaning up:

Ensure adequate ventilation
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Dispose of contaminated material as waste.
Do not flush with water or aqueous cleansing agents.
Send for recovery or disposal in suitable receptacles according to local, state and federal regulations.

Section 7 - Handling and Storage

Precautions for safe handling:

Store in cool, dry place in tightly closed receptacles.
Keep away from heat and direct sunlight.
Avoid contact with eyes.
Ensure good ventilation/exhaustion at the workplace.

Open and handle container with care.
 Prevent formation of aerosols.
 Avoid breathing vapors or mist.

Handling:

Apply proper ventilation, possibly combined with local exhaust. Do not eat, smoke or drink during use.
 For personal protection see Section 8.
 Keep away from sources of ignition.
 Keep material out of reach of children.
 Use only explosion proof equipment.
 Wash thoroughly after handling.

Information about protection against explosions and fires:

Keep ignition sources away - Do not smoke.
 Protect against electrostatic charges by bonding and grounding product containers before and during material transfers.
 Keep respiratory protective device available.

Conditions for safe storage, including any incompatibilities:

Storage:

Keep away from sources of ignition - no smoking. Store in a cool, well ventilated place. Keep in original, closed packaging. Comply with governmental regulations.
 Keep container tightly closed
 Do not store in direct sunlight

Specific end use(s):

FOR INDUSTRIAL USE ONLY!

Section 8 - Exposure Control and Personal Protection			
Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limits
Water 7732-18-5	No Data Available	No Data Available	No Data Available
Titanium dioxide 13463-67-7	15 mg/m3 TWA (total dust)	10 mg/m3 TWA	No Data Available
Glycol Ether DPNB 29911-28-2	No Data Available	No Data Available	No Data Available
2-Butoxyethanol 111-76-2	50 ppm TWA; 240 mg/m3 TWA	20 ppm TWA	NIOSH: 5 ppm TWA; 24 mg/m3 TWA
Carbon Black 1333-86-4	3.5 mg/m3 TWA	3 mg/m3 TWA (inhalable fraction)	NIOSH: 3.5 mg/m3 TWA; 0.1 mg/m3 TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as PAH)

Engineering Controls:

Ventilation:

All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94). Use local exhaust at filling zones and where leakage and dust formation is probable. Use mechanical (general) ventilation for storage areas. Use appropriate ventilation as required to keep Exposure Limits in Air below TLV & PEL limits.

Respiratory Protection:

In outdoor or open areas use (NIOSH/MSHA approved) mechanical filter respirator to remove solid airborne particles of overspray during spray application. In restricted ventilation areas use (NIOSH/MSHA approved) chemical-mechanical filters designed to remove a combination of particulate and gas and vapor. In confined areas use (NIOSH/MSHA approved) airline type respirators or hoods. Respiratory protection may also be necessary in any later manufacturing operations in which the product may become airborne in the form of vapor or dust.

Protective Gloves:

Protective gloves are required for prolonged or repeated contact. Wear resistant gloves such as natural rubber, neoprene, buna N or nitrile. An apron should be worn to avoid skin contact. (Consult your safety equipment supplier.)

Eye Protection:

Avoid contact with eyes. Wear goggles if there is a likelihood of contact with eyes. (Consult your safety equipment supplier.) Eyewash stations and safety showers should be readily available in use and handling areas. Contact lenses pose a special hazard; soft lenses may absorb irritants and all lenses concentrate them.

Body Protection:

Chemically resistance gloves, apron and safety goggles are recommended. Type of protective equipment should be selected based on concentration amount and conditions of use of this material.

Contaminated Gear:

Dispose of in accordance with official regulations.

Section 9 - Physical and Chemical Properties

<p style="text-align: center;">Appearance: Liquid</p> <p style="text-align: center;">Vapor Pressure: not determined</p> <p style="text-align: center;">Odor threshold: not determined</p> <p style="text-align: center;">VOC/Gallon (INCLUDE) 0.556</p> <p style="text-align: center;">pH: not determined</p> <p style="text-align: center;">Freezing point: not determined</p> <p style="text-align: center;">Boiling Point 100°C</p> <p style="text-align: center;">Evaporation rate: not determined</p> <p style="text-align: center;">Explosive Limits: 1% - 11%</p> <p style="text-align: center;">Autoignition temperature: 189°C</p> <p style="text-align: center;">Physical State Liquid</p> <p style="text-align: center;">Grams VOC/Liter (LESS EXEMPT) 233.782</p>	<p style="text-align: center;">Odor: Slight, solvent odor</p> <p style="text-align: center;">% Weight Solids 25.900</p> <p style="text-align: center;">Vapor Density: 0.8</p> <p style="text-align: center;">VOC/Gallon (EXCLUDE) 1.949</p> <p style="text-align: center;">Melting point: not determined</p> <p style="text-align: center;">Solubility: not determined</p> <p style="text-align: center;">Flash point: 62 C, 144 F</p> <p style="text-align: center;">Flammability: not determined</p> <p style="text-align: center;">Partition coefficient (n-octanol/water): not determined</p> <p style="text-align: center;">Decomposition temperature: not determined</p> <p style="text-align: center;">Viscosity: not determined</p>
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Section 10 - Stability and Reactivity
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Incompatibilities:

Avoid contact with strong oxidizing agents.

Hazardous Decomposition:

Thermal decomposition may form toxic materials; carbon dioxide, carbon monoxide, etc. Thermal decomposition may form toxic materials; carbon dioxide, carbon monoxide, various hydrocarbons, etc.

Not Determined

Section 11 - Toxicological Information

Mixture Toxicity

Oral Toxicity LD50: 46mg/kg

Inhalation Toxicity LC50: 1,092mg/L

Effects of Overexposure

<u>CAS Number</u>	<u>Description</u>	<u>% Weight</u>	<u>Carcinogen Rating</u>
13463-67-7	Titanium dioxide	1 to 5%	Titanium dioxide: NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed
1333-86-4	Carbon Black	0.1 to 1.0%	Carbon Black: NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed

Section 12 - Ecological Information

Environmental Impact Statement/Toxicity:

Aquatic toxicity: No further relevant information available

Persistence and degradability: No further relevant information available

Bioaccumulative potential: No further relevant information available.

Mobility in soil: No further relevant information available.

Other adverse effect: No further relevant information available

Component Ecotoxicity

Glycol Ether DPNB

96 Hr LC50 Poecilia reticulata: 841 mg/L [static]

2-Butoxyethanol

96 Hr LC50 Lepomis macrochirus: 1490 mg/L [static]; 96 Hr LC50 Lepomis macrochirus: 2950 mg/L
48 Hr EC50 Daphnia magna: >1000 mg/L

Section 13 - Disposal Considerations

Waste treatment methods:

Recommendation:

Must not be disposed of together with household garbage.

Do not allow product to reach sewage system.

Disposal of this product and any by-products must at all times comply with local, state and Federal regulations for hazardous wastes. All entities that store, transport or handle hazardous waste must take the necessary measures to prevent risks of pollution, release into the environment or damage to people and animals.

Contaminated Packaging:

Waste packaging should be recycled. Care should be taken when handling emptied containers that have not been cleaned. Empty containers retain some product residues. Vapor from that residue may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers.

Section 14 - Transport Information

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
DOT	Paint	UN1263	III	Combustible Liq

Section 15 - Regulatory Information

State of California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): WARNING!

This product contains the following chemicals which are listed by the State of California as carcinogenic or a reproductive toxin:

1333-86-4 Carbon Black
13463-67-7 Titanium dioxide

IARC Listing - Group 2B:

1333-86-4 Carbon Black
13463-67-7 Titanium dioxide

IARC Listing - Group 3:

111-76-2 2-Butoxyethanol

New Jersey - Right to Know Hazardous Substance List:

Alkyl Alkanolamine - Exact identity Trade Secret
111-76-2 2-Butoxyethanol
29911-28-2 Glycol Ether DPNB
13463-67-7 Titanium dioxide
7732-18-5 Water

- None

Section 16 - Other Information

Hazardous Material Information System (HMIS)

HEALTH	*	2	HMIS & NFPA Hazard Rating Legend * = Chronic Health Hazard 0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH
FLAMMABILITY		1	
PHYSICAL HAZARD		0	
PERSONAL PROTECTION		<input type="text"/>	

Date Prepared: 5/29/2015

Date revised: 2015-04-21

Reviewer Revision

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