



Safety Data Sheet – 16 Sections

SECTION 1 — CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: H2O Repel		Product Line: Marine/RV/Auto	
Product Use: Industrial/Institutional/Residential: Fabric Water & Stain Repellant			
Manufacturer's Name: Bio-Kleen Products, Inc.		Website: www.biokleen.com	
Street Address: 810 Lake Street		Part Number: M01292,M01293,M01205,M01209,M01215	
City: Kalamazoo	State: MI		Product CAS: Mixture
Postal Code: 49001	Contact Telephone: 269.567.9400	Fax: 269.388.5491	
SDS Effective Date: 11/06/19		MSDS Supersedes Date: 02/01/14	

SECTION 2 — HAZARD(S) IDENTIFICATION

Hazards: Ingredients as mixture are considered hazardous under the Federal Hazard Communication Standard (29CFR 1910.1200)
--

SECTION 3 — COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients (<i>specific</i>)	CAS Number/Weight-%
Distillates, petroleum, hydrotreated light	64742-47-8/>95-98%
1,2,4-Trimethylbenzene	95-63-6/<1%
Tetraisopropoxy titanate	546-68-9/<1%
Synthetic Isoparaffinic Hydrocarbon	Withheld/<!%
Trimethylated silica	Withheld/<1%

If Chemical Name/CAS No is "proprietary" and /or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been "WITHHELD" as a trade secret.



SECTION 4 — FIRST AID MEASURES

Skin Contact: If contact occurs, flush with water. If irritation persists, see a physician
Eye Contact: If contact occurs, flush with plenty of water, If irritation persists, see a physician
Inhalation: If contact occurs, move to fresh air, If irritation persists, see a physician.
Ingestion: Get immediate medical attention. Drink large quantities of milk or water. See a physician.

SECTION 5 — FIRE FIGHTING MEASURES

NA = Not Applicable

Flammable: YES NO XX	If Flammable, under which conditions?
Flashpoint (° C) and Method: AP 152 F	Auto Ignition Temperature (°C): 231
Upper Flammable Limit (% by volume): NA	Lower Flammable Limit (% by volume): 0.6%(V)
Means of Extinction: Water, Water Fog, Dry Chemical or Chemical Foam	Hazardous Combustion Products: NFPA Class IIIA Combustible Liquid
Explosion Data — Sensitivity to Impact: NA	Explosion Data — Sensitivity to Static Discharge: NA

SECTION 6 — ACCIDENTAL RELEASE MEASURES

Leak and Spill Procedures: Ventilate area of leak or spill. Wear appropriate personal protective equipment. Small spills: Dilute and absorb. Large spills: Neutralize with soda ash or sodium bicarbonate.

SECTION 7 — HANDLING AND STORAGE

Handling Procedures and Equipment: Keep out of reach of children. Avoid contact with eyes, nose, mouth, and excessive skin contact.

Storage Requirements: Protect against physical damage. Observe all warnings and precautions listed for the product.



SECTION 8 — EXPOSURE CONTROL / PERSONAL PROTECTION

Exposure Limits: TLV- 50ppm	OSHA PEL: 50ppm	Other (specify)
Specific Engineering Controls (such as ventilation, enclosed process): Warning-Combustible mixture. Do not use near fire, open flames, welding arcs, heat or sparks. Use in a well-ventilated area.		
Personal Protective Equipment:		
Gloves X	Mask X	
Eye X	Footwear	
Clothing X	Other	
Respiratory Protection (specify type): Mask for sprayed mist.		
Protective Gloves: Rubber: If prolong contact will occur.		
Eye Protection: Goggles: If splashing could occur.		
Other Protective Clothing or Equipment: Special Fire Fighting Equipment-Self-contained breathing apparatus. Use water fog to prevent rupturing & exploding container. Provide shielding for personnel		

SECTION 9 — PHYSICAL AND CHEMICAL PROPERTIES

NA = Not Available

Physical State: Liquid	Appearance: Clear	Odor: Hydrocarbon-like
Specific Gravity:(H ₂ O = 1) 0.810	Boiling Point:416-449 F 213-232 C	Vapor Pressure (mmHg): NA
Evaporation Rate: 75%	Vapor Density (air = 1): NA	Freezing Point (° C): N/A
pH: N/A	Coefficient of Water/Oil Distribution: NA	Solubility in Water: Insoluble

SECTION 10 — STABILITY AND REACTIVITY

Chemical Stability: YES XX NO	If not stable, under which conditions?
Incompatibility with Other Substances: YES XX NO	If incompatible, which substances? Strong Oxidizers
Reactivity and under what conditions: Open flames, welding arcs, heat and sparks	
Hazardous decomposition products: Carbon Monoxide, Carbon Dioxide	



SECTION 11 — TOXICOLOGICAL INFORMATION

NK=No Known Significant Effects or Critical Hazards

Chemical Listed as Carcinogen or Potential Carcinogen by NTP, IARC, or OSHA 1910(z) (specify): YES NO XX	
Effects of chronic exposure: LD50 (rat): >5,000 mg/kg	
Irritancy of product : NK	
Skin sensitization: NK	Respiratory sensitization: NK
Carcinogenicity-IARC : None	NTP Carcinogenicity Anticipated : None
Reproductive toxicity: NK	Teratogenicity: NK
Embryo toxicity: NK	Mutagenicity: NK

SECTION 12 — ECOLOGICAL INFORMATION

Aquatic Toxicity: Not toxic to aquatic organisms (fish, daphnia, algae) up to water solubility. May adsorb to sediments and possibly cause toxic effects to organisms.
--

SECTION 13 — DISPOSAL CONSIDERATIONS

Waste Disposal: Dispose of properly according to local and federal regulations.

SECTION 14 — TRANSPORT INFORMATION

Special Shipping Information:		
IATA (Air)	YES	NO XX
IMO (Water)	YES	NO XX
DOT (Land)	YES	NO XX



SECTION 15 — REGULATORY INFORMATION

Sara 302 RQ: NO	TPQ: NO	Sara 313: NO	Chemical Catg: NO
CERCLA: NO	TCRA 261.33: NO	TSCA 8 (d): NO	
California Proposition 65: No California proposition 65 listed chemicals are known to be present.			
All ingredients are either listed on the TSCA & DSL inventory or are exempt			

SECTION 16 — OTHER INFORMATION

The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of Bio-Kleen Products, Inc. we will not be responsible for loss, injury or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.