



*Painting the World...
Without costing the Earth*

AquaSurTech OEM (Head Office)
2148 Trans-Canada Highway
Dorval, Quebec, CANADA, H9P 2N4
Tel.: (514) 684-2628 / Fax: (514) 684-2620
sales@aquasurtech.com

Toronto Office
#9-6380 Tomken Rd.
Mississauga, ON, L5T 1Y4
Tel: 905-670-0079 / Fax:905-670-4143

MATERIAL SAFETY DATA SHEET

Issued October 2010

AquaSurTech-OEM. urges the customer receiving this Material Safety Data Sheet to study it carefully to become aware of hazards, if any, of the product involved. In the interests of safety you should:

- 1) notify your employees, agents and contractors of the information on this sheet,
- 2) furnish a copy to each of your customers for the products, and
- 3) request that your customers inform their employees and customers as well.

1) Identification of the Product and Company:

TRADE NAME: AQUA ULTRA STAIN
DESCRIPTION: Water based paints for hard plastics
COMPANY: AquaSurTech-OEM.
COMPILER: Michael Braeuel
Telephone: (514) 684-2628 Fax: (514) 684-2620

2) Composition / Information on Ingredients

Substances presenting a health hazard within the meaning of the Chemicals (Hazard Information & Packaging) Regulations.

<u>INGREDIENT</u>	<u>CAS #</u>	<u>EINECS #</u>	<u>Content</u>	<u>Product hazard</u>
N-methyl-2-pyrrolidone	872-50-4	212-828-1	1-5%	Xi
2-(2-butoxyethoxy)ethanol-butyl diglycol	112-34-5	203-961-6	<3%	Xi

3) Hazards Identification

Physical & Environmental: Product is not a marine pollutant
Adverse Human Effects: Can enter the body by inhalation or ingestion.
Irritates the eyes, skin and respiratory tract.
Prolonged skin contact can irritate the skin.

Risk Phrases Harmful by inhalation R20
Harmful in contact with skin R21
Harmful if swallowed R22
Irritating to eyes R36

Safety Phrases see section 15.

4) First Aid Measures

Never give anything by mouth to a person who is unconscious or having convulsions.



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Inhalation	Remove to fresh air. Keep warm and at rest.
Ingestion	If swallowed drink one or two glasses of clean water and obtain medical attention. Keep at rest. Do not induce vomiting. If taken into mouth and not swallowed, swill out with clean water.
Skin Contact	Remove contaminated clothing. Wash with soap and water or a proprietary compound. Do not use solvents or thinners.
Eye Contact	Rinse immediately with plenty of water and seek medical advise. Contact lenses should be removed.

5) Fire Fighting Measures:

Flash Point:	Not Applicable
Lower Flammable limit (%):	Not Applicable
Upper Flammable limit (%):	Not Applicable
Auto Ignition Point:	Not Applicable

Flammable Properties: Material is non combustibile in the liquid state. Dried out material may burn.

Suitable Extinguisher Media: Apply carbon dioxide, dry powder or foam.

Exposure Hazards : After evaporation could emit carbon (sooty) deposits and carbon monoxide and dioxide. Cool closed containers exposed to fire with water spray. Do not allow run off to enter drains or watercourses.

Special Protective Equipment: As for any fire, wear self-contained breathing apparatus and protective clothing. Material can splatter above 100 ° C.

6) Accidental Release Measures:

Personal Precaution: Wear protective equipment as specified in Section 8. Avoid contact with eyes.
See "EXPOSURE CONTROLS/PERSONAL PROTECTION"

Environmental Precautions: Avoid material entering drainage system. Avoid discharge to sewers or natural waters.

Cleaning up Methods: Collect for disposal. Scrape, soak or wipe bulk. Residue may be removed by detergent or if dried, solvent.
See "DISPOSAL CONSIDERATIONS"

7) Handling and Storage

Handling: Do not breathe fumes /vapor/spray
In case of insufficient ventilation, wear suitable respiratory equipment. Persons with a history of skin sensitization problems should not be employed in a situation where skin contact with this product could occur, nor should those with asthma or similar disorders be exposed to



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the vapor or spray mist. Good standards of industrial and personal hygiene should be observed.

Storage:

Containers should always be kept upright and tightly sealed to avoid leaking. Open only when ready for use and reseal part used containers after use. Store in well labeled container preferably the original container.

Keep from freezing; material may coagulate. The minimum recommended storage temperature for this material is 1°C/34°F. The maximum recommended storage temperature for this material is 60°C/140°F. Avoid being exposed directly to the sun.

8) Exposure Controls / Personal Protection

OCCUPATIONAL EXPOSURE LIMITS EH40/02 (Check current edition of EH40 to ensure limits have not changed).

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

INGREDIENT	EXPOSURE LIMIT			
	OSHA			
	8 hour TWA		15 minutes STEL	
	ppm	mg/m ³	ppm	mg/m ³
N-Methyl-2-Pyrrolidone	N/A	N/A	N/A	N/A
2-(2-butoxyethoxy)ethanol-butyl diglycol	N/A	N/A	N/A	N/A

TWA- Time Weighted Average

STEL- Short Term Exposure Limit

Respiratory:

Provide adequate ventilation. Including forced ventilation in confined spaces such as tanks etc. Where reasonably practical this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentration of particulate and or solvent vapors below the relevant occupational exposure limits, suitable respiratory equipment as shown below should be worn. Inside tanks or similar confined spaces: Particle mask if spraying. This applies not only to the user, but to all people who cannot be vacated from the work area.

Hand:

Use protective gloves. Suitable types are polyvinyl alcohol , pvc or neoprene. Other types may be available and used. Avoid those, which soak up the product and lead to skin contact. If in doubt seek advice from a reputable manufacturer. Barrier creams may help to protect exposed areas but are not substitutes for full physical protection. They should not be applied once exposure has occurred. Gloves may degrade or be damaged according to different circumstances of use. Always ensure the gloves you are using are in good condition.

Eye:

Eye protection designed to protect against liquid splashes should be



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worn, e.g. wear goggles giving complete protection to eyes.

Skin:

Cotton or cotton / synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

All personal protection equipment must be selected to meet the requirements of the COSHH Regulations.

9) Physical and Chemical Properties

Colour:	Various	State:	Liquid
Odour:	Slightly Ammoniacal	Vapour Pressure:	2267 Pa H ₂ O
Change in Physical State:	Melting point 0°C water Boiling point 100°C water	Solubility in water:	miscible
Vapour Density:	<1water	Flammability:	Water based
pH Value:	8.0 – 8.5	Flash Point:	>100 °C
Percentage Volatility:	50% water, <3% Glycols	S.G.:	1-1.04g/cm ³
Viscosity @ 20°C:	250-600 CPAs @ 20 rpm Brookfield Viscometer (Spindle No.2)	VOC:	90 g/liter

10) Stability and Reactivity

Stable under normal conditions of storage (see Handling and Storage)

Materials to avoid: Keep away from oxidizing agents and strongly alkaline and strongly acidic materials to prevent the possibility of exothermic reaction.

Hazardous Decomposition Products:

Carbon (sooty) deposits plus carbon monoxide, dioxide and oxides of nitrogen.

11) Toxicological Information:

Dermal LD50 Rabbit >2800mg/kg
Oral LD50 Rat >2500mg/kg

Carcinogenics Effects: No recorded data was found
Mutagenic Effects: No recorded data was found
Teratogenic Effects: No recorded data was found
Developmental Effects: No recorded data was found
Chronic Effects: No recorded data was found

12) Ecological Information:

There is no data on the product itself, but it should not be allowed to enter drains or watercourses.



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13) Disposal Considerations:

Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes, including emptied containers, may be controlled wastes and should be disposed of in accordance with the regulations made under the Control of Pollution Act and the Environmental Protection Act. (Using information provided in this data sheet, advice should be obtained from the Waste Regulation Authority whether the special regulations apply). It is recommended that any surplus of the product should be disposed of by incineration.

“DISPOSE OF IN ACCORDANCE WITH LOCAL AND NATIONAL REGULATIONS”.

14) Transport Information:

Not classified as hazardous for transport.

15) Regulatory Information:

EC HAZARD CLASSIFICATION: Xi= irritant

RISK PHRASES: R36 /37/38 Irritating to eyes, respiratory system and skin.

SAFETY PHRASES: S24 Avoid contact with skin
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S37/39 Wear suitable gloves and eye/face protection.
S46 If swallowed, seek medical advice immediately and show this container label.

Occupational exposure limits are advised in publication EH40 from the HSE for the purpose of Regulation 7(1) of the COSHH Regulations.

International Inventories:

TSCA/(USA)	Listed
DSL/ (CANADA)	Listed
EINECS/ (EU)	Listed

SARA 313 Information: This product contains the following chemicals subject to the reporting requirements of Section 313 of the EPCRA : Butyl Diglycol (CAS# 112-34-5) –listed;
N-methyl-2-pyrrolidone (CAS 872-50-4)-listed

California Proposition 65: Butyl Diglycol (CAS# 112-34-5) –Not listed
N-methyl-2-pyrrolidone (CAS 872-50-4)-listed

16) Other Information:

Training Advice: Do not use unless trained to do so.

MSDS

October 2010



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Recommended use: The product is only supplied for use in accordance with uses listed in Section 1. (polyurethane-acrylic hybrid dispersion for coatings)

Data Sources: EH 40/03 Occupational Exposure Limits 2003.
Control of Substances Hazardous to Health Regulations 1988.

17) Disclaimer

The information accumulated here in is believed to be accurate and reliable as of the date above, however AquaSurTech-OEM, makes no representation, warranty or guarantee nor assumes any legal responsibility as to its accuracy, reliability or completeness. Ultimate determination of suitability for intended use is the responsibility of the user.