



Section 01 - Identification

Product Identifier	White-Out
Other Means of Identification	None
Product Use and Restrictions on Use	Anti-blush, re-dissolver for non-water based concrete sealers.
Initial Supplier Identifier	Advance Chemicals Ltd. 1500 Quebec Avenue Saskatoon, SK. Canada S7K 1V7
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Section 02 - Hazard Identification

GHS-Classification

Acute Toxicity-Inhalation	Category 4
Skin Corrosion/Irritation	Category 2
STOT-Single Exposure	Category 3

Physical Hazards

Flammable Liquid	Category 3
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Warning

Hazards Statements

H332 – Harmful if inhaled.
H315 – Causes skin irritation.
H336 – May cause drowsiness or dizziness.
H226 – Flammable liquid and vapour.

Pictograms



Precautionary Statements

P403 + P235 – Store in a well-ventilated place. Keep cool.

P233 – Keep container tightly closed.

P405 – Store locked up.

P210 – Keep away from heat, sparks, open flames, and hot surfaces. — No smoking.

P240 – Ground/bond container and receiving equipment.

P241 – Use explosion-proof electrical, ventilating, lighting, and equipment.

P242 – Use only non-sparking tools.

P243 – Take precautionary measures against static discharge.

P370 + P378 – In case of fire: Use carbon dioxide, dry chemical powder, appropriate foam, water spray or fog for extinction.

P271 – Use only outdoors or in a well-ventilated area.

P261 – Avoid breathing mist, vapours or spray.

P304 + P340 – IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P312 – Call a POISON CENTER or doctor/physician if you feel unwell.

P280 – Wear protective gloves, protective clothing, eye protection, and face protection.

P302 + P352 – IF ON SKIN: Wash with plenty of soap and water.

P332 + P313 – If skin irritation occurs: Get medical advice/attention.

P362 – Take off contaminated clothing and wash before reuse.

P501 – Dispose of contents/container in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act.

Section 03 - Composition / Information on Ingredients

Chemical Name	CAS Number	Weight %	Unique Identifiers
Xylene	1330-20-7	55-70%	
1-Methoxy-2-Propanol	107-98-2	30-45%	

Section 04 - First Aid Measures

Inhalation	Remove victim to fresh air. Give artificial respiration only if breathing has stopped. If breathing is difficult, give oxygen. If symptoms persist, seek immediate medical attention.
Skin Contact / Absorption	Removed contaminated clothing. Rinse skin with lukewarm, gently flowing water and non-abrasive soap for 30 minutes. If irritation persists, seek medical attention. Completely decontaminate clothing, shoes and leather goods before re-use or discard.
Eye Contact	Flush eye(s) with lukewarm, gently flowing water for at least 30 minutes, while forcibly holding the eyelid(s) open to ensure complete irrigation of the eye tissue. If irritation persists, seek medical attention.
Ingestion	NEVER give anything by mouth if victim is rapidly losing consciousness, is unconscious or convulsing. Have victim rinse mouth thoroughly with water. DO NOT INDUCE VOMITING. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Have victim rinse mouth with water again. Seek immediate medical attention.
Additional Information	This chemical is flammable. Take proper precautions to ensure your own safety before assisting others.

Section 05 - Fire Fighting Measures

Suitable Extinguishing Media	Carbon dioxide, dry chemical powder, appropriate foam, water spray or fog. Water may be ineffective because it will not cool the product below its flash point. Firefighting foams are the extinguishing agent of choice for most flammable liquid fires.
Unsuitable Extinguishing Media	Not Available
Specific Hazards Arising From the Chemical	During a fire, carbon monoxide, carbon dioxide, reactive hydrocarbons, low molecular weight aldehydes and other irritating and toxic vapours, fumes and smoke may be generated. Liquid can accumulate static charge by flow, splashing or agitation due to its very low electrical conductivity. Vapour can be ignited by static discharge of sufficient

energy. Vapour can accumulate in confined spaces, resulting in a fire, toxicity and explosion hazard. Closed containers may rupture when heated.

Special Protective Equipment and Precautions for Fire-Fighters Wear NIOSH-approved self-contained breathing apparatus and protective gear.

Further Information Releases vapour that forms explosive mixtures with air.

Section 06 - Accidental Release Measures

Personal Precautions / Protective Equipment / Emergency Procedures Wear appropriate personal protective equipment. Ventilate area. Only enter area with PPE. Stop or reduce leak if safe to do so. Flush with water to remove any residue.

Environmental Precautions Prevent material from entering sewers or confined spaces.

Methods and Materials for Containment and Cleaning Up Contain spill with earth, sand, or non-combustible, absorbent material.
SMALL SPILLS: Soak up spill with absorbent material which does not react with spilled chemical. Put material in suitable, covered, labelled containers. Flush area with water. Contaminated absorbent material may pose the same hazards as the spilled product.
LARGE SPILLS: Contact fire and emergency services and supplier for advice.

Section 07 - Handling and Storage

Precautions for Safe Handling This material is FLAMMABLE AND VERY TOXIC INHALATION HAZARD and SKIN IRRITANT. It is also a CONFINED SPACE HAZARD. Use proper equipment for lifting and transporting all containers. Use sensible industrial hygiene and housekeeping practices. Wash thoroughly after handling. Avoid all situations that could lead to harmful exposure.

Conditions for Safe Storage Store in a cool, well-ventilated area, out of direct sunlight and away from heat and ignition sources. Keep quantity stored as small as possible. Keep storage areas clear of burnable materials. Lighted cigarettes, matches or any other ignition sources should not be allowed around indoor or outdoor storage areas.

Incompatibilities Strong oxidizers, acids and alkalis. May be corrosive to lead and aluminum.

Section 08 - Exposure Controls and Personal Protection

Exposure Limit(s)

Component	Regulation	Type of Listing	Value
Xylene	ACGIH	TLV-TWA	100ppm
	ACGIH	TLV-STEL	150ppm
	OSHA	PEL-TWA	100ppm
	OSHA	PEL-STEL	150ppm
1-Methoxy-2-Propanol	ACGIH	TLV-TWA	50ppm
	ACGIH	TLV-STEL	100ppm

Engineering Control(s)

Ventilation Requirements Mechanical ventilation (dilution or local exhaust), process or personnel enclosure and control of process conditions must be provided in accordance with all fire codes and regulatory requirements. Supply sufficient replacement air to make up for air removed by exhaust systems.

Other Emergency shower and eyewash must be available and tested in accordance with regulations and be in close proximity.

Protective Equipment

Eyes/Face	Chemical safety goggles and/or face shield should be worn while product is being handled. Contact lenses should not be worn while product is being handled as they may contribute to severe eye damage.
Hand Protection	Impervious gloves of chemically resistant material (rubber or PVC) should be worn at all times. Wash contaminated clothing and dry thoroughly before reuse.
Skin and Body Protection	Body suite, aprons, and/or coveralls of chemical resistant material should be worn at all times. Wash contaminated clothing and dry thoroughly before reuse. Impervious boots of chemically resistant material should be worn at all times. No special footwear is required other than what is mandated at place of work.
Respiratory Protection	NIOSH/OSHA RECOMMENDATIONS FOR o-, m-, OR p-XYLENE CONCENTRATIONS IN AIR: Up to 900ppm: (APF=10) Any chemical cartridge respirator with organic vapor cartridge(s). (APF=25) Any powered, air-purifying respirator with organic vapor cartridge(s). (APF=10) Any supplied-air respirator. (APF=50) Any self-contained breathing apparatus with a full face piece. Emergency or planned entry into unknown concentrations or IDLH conditions: (APF=10000) Any self-contained breathing apparatus that has a full face piece and is operated in a pressure-demand or other positive-pressure mode. (APF=10000) Any supplied-air respirator that has a full face piece and is operated in a pressure-demand or other positive-pressure breathing apparatus. Escape: (APF=50) Any air-purifying, full-face piece respirator (gas mask) with a chin-style, front- or back –mounted organic vapor canister/Any appropriate escape-type, self-contained breathing apparatus.
Thermal Hazards	Not Available

Section 09 - Physical and Chemical Properties

Appearance

Physical State	Liquid
Colour	Water white
Odour	Xylene
Odour Threshold	Not Available

Property

pH	Not Available
Melting Point/Freezing Point	Not Available
Initial Boiling Point and Boiling Range	>117°C
Flash Point	43°C
Evaporation Rate	Not Available
Flammability	Highly flammable liquid
Upper Flammable Limit	Not Available

Lower Flammable Limit	Not Available
Vapour Pressure (mm Hg, 20°C)	Not Available
Vapour Density (Air=1)	Not Available
Relative Density	Not Available
Solubility(ies)	Insoluble in water
Partition Coefficient: n-octanol/water	Not Applicable
Auto-ignition Temperature	Not Available
Decomposition Temperature	Not Available
Viscosity	Not Available
Explosive Properties	Not Available
Specific Gravity (Water=1)	0.87
% Volatiles by Volume	Not Available
Formula	Mixture
Molecular Weight	Not Available

Section 10 - Stability and Reactivity

Reactivity	Not Available
Stability	Normally stable. Butylated hydroxytoluene (BHT) may be added to mitigate air oxidation.
Possibility of Hazardous Reactions	None reported. Peroxides may accumulate at hazardous levels during distillation, evaporation, or any method that will cause concentration of the peroxide.
Conditions to Avoid	Open flames, sparks, electrostatic discharge, friction, hot surfaces, direct sunlight, prolonged exposure to air, heat and other ignitions sources.
Incompatible Materials	Strong oxidizers, acids and alkalis. May be corrosive to lead and aluminum.
Hazardous Decomposition Products	During a fire, carbon monoxide, carbon dioxide, reactive hydrocarbons, low molecular weight aldehydes and other irritating and toxic vapours, fumes and smoke may be generated. Peroxides may form from prolonged exposure to air. Light and/or heat increase the rate of decomposition. The peroxides tend to decompose to carbonyl compounds.

Section 11 - Toxicological Information

Acute Toxicity Estimate

Component	Oral LD₅₀	Dermal LD₅₀	Inhalation LC₅₀
White-Out	3.7 g/kg	4.2 g/kg	2963 ppm

This product has been classified in accordance with the Hazardous Products Regulations using ATE formula documented in the GHS standard.

Chronic Toxicity – Carcinogenicity

Component	IARC
Ethyl Benzene (found in xylene)	Group 2B: Possibly carcinogenic to humans.
Skin Corrosion/Irritation	Xylene liquid is a moderate skin irritant and can result in irritation, redness and a burning sensation. Xylene can also be absorbed through the skin.
Ingestion	Ingestion of large amounts can cause central nervous system depression with symptoms of dizziness, nausea and vomiting.
Inhalation	Inhalation of vapours may cause central nervous system depression with symptoms such as headache, dizziness, nausea and vomiting.
Serious Eye Damage/Irritation	May cause mild irritation.
Respiratory or Skin Sensitization	Not Available
Germ Cell Mutagenicity	Not Available
Reproductive Toxicity	Not Available
STOT-Single Exposure	May cause drowsiness or dizziness.
STOT-Repeated Exposure	Not Available
Aspiration Hazard	Not Available
Synergistic Materials	Not Available

Section 12 – Ecological Information

Ecotoxicity

Component	Toxicity to Algae	Toxicity to Fish	Toxicity to Daphnia and Other Aquatic Invertebrates
Xylene	EC ₅₀ (Green algae, 24hr): 100mg/L	LC ₅₀ (Oncorhynchus mykiss, 96hr): 8.2mg/L	LC ₅₀ (Daphnia magna, 24hr): 150mg/L
1-Methoxy-2-Propanol	EC ₅₀ (Algae, 7d): >1000mg/L	LC ₅₀ (Pimephales promelas, 96hr): >20800mg/L	LC ₅₀ (Daphnia magna, 48hr): 23300mg/L
Biodegradability	Not Available		
Bioaccumulation	Not Available		
Mobility	Not Available		
Other Adverse Effects	Not Available		

Section 13 – Disposal Considerations

Waste From Residues/Unused Products	Dispose in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act.
Contaminated Packaging	Dispose in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act.

Section 14 – Transport Information

UN Number	UN1993
UN Proper Shipping Name	FLAMMABLE LIQUID, N.O.S. (Xylene)
Transport Hazard Class(es)	3
Packaging Group	III
Environmental Hazards	Not listed as a marine pollutant under Canadian TDG Regulations, schedule III.

Special Precautions Not Available

Transport in Bulk Not Available

Additional Information	<u>Packing Group</u>	<u>Limited Quantity Index</u>
	I	0
	II	1 L
	III	5 L

TDG

Other Secure containers (full and/or empty) with suitable hold down devices during shipment and ensure all caps, valves, or closures are secured in the closed position.

TDG PRODUCT CLASSIFICATION: This product has been classified on the preparation date specified at section 14 of this MSDS / SDS, for transportation in accordance with the requirements of part 2 of the Transportation of Dangerous Goods Regulations. If applicable, testing and/or published test data regarding the classification of this product are listed in the references at section 16 of this MSDS / SDS.

Section 15 – Regulatory Information

NOTE: THE PRODUCT LISTED ON THIS SDS HAS BEEN CLASSIFIED IN ACCORDANCE WITH THE HAZARD CRITERIA OF THE CANADIAN CONTROLLED PRODUCTS REGULATIONS. THIS SDS CONTAINS ALL INFORMATION REQUIRED BY THOSE REGULATIONS.

Section 16 – Other Information

Preparation Date November 9, 2015

Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. 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 the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations.

Attention: Receiver of the chemical goods / SDS coordinator

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If you have any questions or concerns please call our customer service center.

References:

- 1) CHEMINFO
- 2) eChemPortal
- 3) TOXNET
- 4) Transportation of Dangerous Goods Canada
- 5) HSDB
- 6) ECHA
- 7) PAN

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