



2XL Corporation

# Product: 2XL Advantage® Hand Sanitizing Wipes

## Safety Data Sheet

### SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

<b>PRODUCT NAME AND IDENTIFICATION:</b> Advantage® Hand Sanitizing Wipes	<b>COMPANY NAME AND ADDRESS:</b> 2XL Corporation 2 Gateway Ct Ste A, Bolingbrook IL 60440	
<b>CHEMICAL NAME, USE AND RESTRICTIONS:</b> General purpose hand cleaner/sanitizer for commercial use	<b>EMERGENCY PHONE:</b> (800)-535-5053	<b>NON-EMERGENCY PHONE:</b> (888)-977-3726
<b>TRADE NAME:</b> 2XL36	<b>WEBSITE:</b> <a href="http://www.2xlpro.com">www.2xlpro.com</a>	

### SECTION 2: HAZARDS IDENTIFICATION & GHS CLASSIFICATION

HEALTH	ENVIRONMENTAL	PHYSICAL
<b>Acute Toxicity:</b> Category 4 <b>Skin Sensitization:</b> Category 5	<b>Skin Irritation:</b> Category 4 <b>Eye Irritant:</b> Category 4 <b>Acute Toxicity:</b> Harmful to aquatic life <b>Chronic Toxicity:</b> None Known	None Established

**GHS LABEL:****SIGNAL WORD:**

Not a dangerous substance according to GHS Classification  
No diluted ingredients are hazardous at dilution according to HCS criteria.

**WHMIS CLASSIFICATION:**

Not a dangerous substance according to WHMIS Classification

HAZARD STATEMENTS	GENERAL PRECAUTIONARY STATEMENTS
<b>H302:</b> Harmful if swallowed <b>H401:</b> Harmful to aquatic life	<b>P101:</b> If medical advice is needed, have product container or label at hand. <b>P102:</b> Keep out of reach of children. <b>P103:</b> Read label before use. <b>P202:</b> Do not handle until all safety precautions have been read and understood. <b>P234:</b> Keep only in original container. <b>P270:</b> Do not eat, drink or smoke when using this product. <b>P233:</b> Keep container tightly closed.

### SECTION 3 – COMPOSITION AND INFORMATION ON INGREDIENTS

INGREDIENT - COMMON NAME (SYNONYMS)	WEIGHT PERCENT	CAS NUMBER	RECOMMENDED LIMITS
Non-hazardous proprietary blend of components	> 1.50%	Proprietary Blend	Not Determined
Quaternary Ammonium Compounds, Benzyl C12-C16, Alkyldimethyl Chlorides	0.10 – 0.13 %	68424-85-1	LD50 Dermal: >2000 mg/kg
Water (Hydrogen Oxide, Dihydrogen Monoxide)	98.00 – 99.00%	7732-18-5	Not Determined

### SECTION 4 – FIRST AID MEASURES

INGESTION	SKIN CONTACT	EYE CONTACT	INHALATION
Do not eat or drink this wipe or residual liquid. Liquid product may cause nausea and weakness if consumed in very large quantities. Do not eat wipe. <b>If Liquid Ingested:</b> Drink a quart of water. DO NOT induce vomiting. Never give anything by mouth to an unconscious person. Call a physician promptly.	For skin sensitive individuals, rinse affected area with fresh water. After flushing skin, use skin lotion to restore moisture to the skin and relieve possible dryness or redness.	Flush eyes thoroughly for 20 minutes with plenty of fresh, cool water. Hold lids open while flushing. If there is irritation after flushing or if it is for some reason severe, call a physician promptly.	If needed, remove affected person to fresh air.

**Note to physician:** Treatment of overexposure should be directed at the control of symptoms and the patient's clinical condition.

### SECTION 5 - FIREFIGHTING MEASURES

EXTINGUISHING MEDIA	Dry chemical, carbon dioxide, water spray.	HAZARD	HMIS	NFPA	<b>HMIS/NFPA Rating KEY:</b> 0 - Minimal 1 - Slight 2 - Moderate 3 - Serious 4 - Severe
UNUSUAL FIRE HAZARDS	NONE	Health	1	1	
EXPOSURE HAZARDS	NONE	Flammability	0	0	
COMBUSTION PRODUCTS	Oxides of carbon and smoke	Reactivity	0	0	
PROTECTION FOR FIREFIGHTERS	Wear self-contained breathing apparatus to avoid inhaling decomposition byproducts.	PPE	D		

### SECTION 6 – ACCIDENTAL RELEASE MEASURES (Also See Section 13)

PERSONAL PRECAUTIONS	ENVIRONMENTAL PRECAUTIONS	METHODS FOR CLEANUP
None normally required.	Do not dump large quantities of waste material on the ground, into storm sewers or into public waterways.	Methods and Materials for Containment and Cleaning Up: Treat as a non-hazardous spill. Dispose in accordance with current applicable laws and regulations, and product characteristics at time of disposal (if they apply).

### SECTION 7 – HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING	CONDITIONS FOR SAFE STORAGE
Avoid contact with eyes. Skin sensitive individuals should avoid prolonged or repeated skin contact without rinsing. Avoid all hand to mouth activities (drinking, eating, smoking, etc.) when using this product.	Keep containers tightly closed when not in use. Avoid contamination with dirt or other foreign matter. Store in cool and dry area. Keep out of direct sunlight. Make sure containers are labeled properly. Product should be used at normal ambient temperatures.

### SECTION 8 – PRECAUTIONS TO CONTROL EXPOSURE / PERSONAL PROTECTION

RESPIRATORY PROTECTION	SKIN PROTECTION	EYE PROTECTION	ENGINEERING CONTROLS
Not normally required.	Not normally required.	Not normally required. Safety glasses could be worn if needed.	Not normally required. Good general ventilation.

EXPOSURE LIMITS:	HAZARDOUS COMPONENT (S)	CAS NUMBER	VALUE	CONTROL PARAMETERS
	Quaternary Ammonium Compounds, Benzyl C12-C16, Alkyldimethyl Chlorides	68424-85-1	LD50 Dermal: >2000 mg/kg	LD50 Ingestion: > 500 mg/kg

\*This product is a liquid mixture with a proprietary blend of non-hazardous components does not contain any constituents listed by OSHA or ACGIH at 1% or greater and does not contain any carcinogens listed by OSHA, IARC or NTP at 0.1% or greater. This product is considered to be non-hazardous by WHMIS/OSHA criteria. All constituents of this product are listed on the TSCA inventory of chemical substances maintained by the U.S. EPA or are exempt from that listing.



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### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Clear and colorless	BOILING POINT:	Over 212°F	VAPOR PRESSURE:	None Established
PHYSICAL STATE:	Wipe	FLAMMABILITY:	Non-Flammable	VAPOR DENSITY:	None Established
ODOR (THRESHOLD):	Medicinal scent (N/A)	FLASH POINT:	Not Available	PARTITION COEFFICIENT:	None Established
PH:	5.0 – 7.0	AUTO-IGNITION:	None Established	SOLUBILITY:	100% Soluble in Water
EVAPORATION RATE:	None Established	UPPER/LOWER LIMITS:	None Established	VISCOSITY:	Similar to Tap Water
MELTING POINT:	None Established	DECOMPOSITION TEMP:	None Established	RELATIVE DENSITY:	1.002 - 1.008

### SECTION 10 – STABILITY AND REACTIVITY

<b>CHEMICAL STABILITY:</b> Stable - No decomposition, if used according to specifications.	<b>CONDITIONS TO AVOID:</b> Excessive heat.
<b>MATERIALS TO AVOID (INCOMPATIBLE MATERIALS):</b> Avoid contact with strong acids, caustics, oxidizers, and reducers.	<b>HAZARDOUS POLYMERIZATION:</b> Will not occur.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b> Burning can produce carbon monoxide, carbon dioxide and oxides of sulfur in trace amounts.	<b>POSSIBILITY OF HAZARDOUS REACTIONS:</b> None are known.

### SECTION 11 – TOXICOLOGICAL INFORMATION

LIKELY ROUTES OF ENTRY:		ROUTE OF ENTRY AND EFFECTS OF OVEREXPOSURE:				
SKIN:	Yes	SKIN:	Expected to be non-irritating to skin. Chronic exposure may cause temporary contact dermatitis in skin sensitive individuals.			
EYES:	Yes	EYES:	Strongly irritating to eyes. Avoid contact.			
INHALATION:	Yes	INHALATION:	Vapor or mist may cause possible discomfort in individuals sensitive to quats.			
INGESTION:	Possible, but not likely	INGESTION:	May cause nausea and weakness if liquid consumed in large amounts.			
Toxicity known to humans:		Chronic (long-term) health effects:				
None Established		None known to humans				
REPRODUCTIVE EFFECTS	TERATOGENICITY	MUTAGENICITY	EMBRYOTOXICITY	SENSITIZATION TO PRODUCT	SYNERGISTIC PROPERTIES	
None Established	None Established	None Established	None Established	None Established	None Established	
CARCINOGENIC PROPERTIES: None of the components in the product are listed in the National Toxicology Program (NTP) Report or found to be a potential carcinogen in measurable concentrations by the International Agency for Research on Cancer (IARC), or by OSHA.						

### SECTION 12 – ECOLOGICAL INFORMATION

PERSISTENCE AND DEGRADABILITY:	Liquid product are expected to be biodegradable (OECD 301A, 301B).
BIO-ACCUMULATIVE POTENTIAL:	There is no evidence to suggest bioaccumulation will occur.
AQUATIC TOXICITY:	Marine pollutant in large quantities.
MOBILITY:	Accidental spillage may lead to penetration in soil. It is unknown if this would cause adverse ecological effects.

### SECTION 13 – WASTE DISPOSAL CONSIDERATIONS

Dispose in accordance with current applicable laws and regulations, and product characteristics at time of disposal. The empty jar container is suitable for processing at an appropriate recycling facility. Do not flush wipes down toilet or sanitary sewer. Dispose of in regular garbage.
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### SECTION 14 – TRANSPORTATION INFORMATION

AGENCY	PROPER SHIPPING NAME	UN NUMBER	LABEL REQUIRED	HAZARD CLASS	SECONDARY RISK	PACKAGING GROUP	MARINE POLLUTANT
DOT (land):	Shipping Name: Non-Regulated	NA	NA	NA	NA	NA	NO
IATA/ICAO (air):	Shipping Name: Non-Regulated	NA	NA	NA	NA	NA	NO
IMDG (water):	Shipping Name: Non-Regulated	NA	NA	NA	NA	NA	NO
TDG Information:	Shipping Name: Non-Regulated	NA	NA	NA	NA	NA	NO

### SECTION 15 – REGULATORY INFORMATION

GHS Precautionary Label:	NONE
CHIP Hazard Symbols:	NONE
GHS Safety Phrases:	<b>S2</b> - Keep out of the reach of children, <b>S3</b> - Keep in a cool place, <b>S20/21</b> - When using do not eat, drink or smoke <b>S62</b> - If liquid swallowed, do not induce vomiting: seek medical advice immediately and show this container or label where possible,
GHS Risk Phrases:	<b>R66</b> - Repeated exposure may cause skin dryness or cracking
SARA Section 311/312:	No component of this product is listed as an extremely hazardous substance.
SARA Section 313:	Not listed
California Proposition 65:	The following statement is made in order to comply with the California Safe Drinking Water and Toxic Enforcement Act of 1986. There are no ingredients in this product which are subject to the reporting requirements of California Proposition 65.
TSCA:	All components of this product are listed on the Toxic Substance Control Act (TSCA) Section 8(b) Chemical Inventory and the Canadian Environmental Protection Act (CEPA) provisional domestic substances list (DSL). This product does not contain toxic components on the TSCA Section 12(b) export notification list.

### SECTION 16 – OTHER INFORMATION

<b>DISCLAIMER:</b> The Safety Data Sheet relates only to the specific information contained and does not relate to other materials or processes. The data contained is believed to be correct, current, and presented in good faith. However, because the conditions of use are outside our control, it should not be taken as a warranty or representation, expressed or implied, for which the Company, or agents acting on the Company' behalf, assumes legal responsibility. This information is provided solely for consideration, investigation, and verification. The Company disclaims any liability against infringement of any patent through customer use of any the Company product or process in combination with other materials or processes.
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