

Zip Wax Antifog Cleaner

SAFETY DATA SHEET

SECTION 1 — PRODUCT IDENTIFICATION

Product Identifier Zip Wax Antifog Cleaner (liquid/spray)		Product Type Finished Product – Consumer or Commercial Use	
Product Use Antifog and/or Cleaner for glass or plastic surfaces including: prescription glasses, safety glasses, face shields, goggles, mirrors, windows, and other glass and plastic surfaces			
Manufacturer's Name ZW Enterprises, LLC		Supplier's Name ZW Enterprises, LLC	
Street Address 3842 N. Palmer Drive		Street Address 3842 N. Palmer Drive	
City Coeur d' Alene	Province Idaho	City Coeur d' Alene	Province Idaho
Postal Code 83815	Emergency Telephone 208 659 0221	Postal Code 83815	Emergency Telephone 208 659 0221

SECTION 2 — Hazard Identification

"Consumer Products" as defined by the US Consumer Product Safety Act which are unused as intended (typical consumer duration and frequency) are exempt from the OSHA Hazard Communication Standard (29 CFR 1910.1200). This SDS is being provided as a courtesy to help assist in the safety handling and proper use of the product.

Hazard Category

Eye/Damage Irritation	Category 2B
Signal Word	Warning
Precautionary Statements	<p>If in EYES Rinse cautiously with water for several minutes. Remove Contact lenses, if present and easy to do. Continue rinsing</p> <p>If eye irritation persists: Get medical advice/attention</p> <p>IF SWALLOWED: Drink 1 or 2 glasses of water.</p> <p>SKIN CONTACT: Rinse with water if prolonged contact occurs. Get Medical attention if irritation develops and persists.</p>
Potential Environmental Effects	Considering the limited amount applied during use and the size of the Container, the risk of adverse effects is considered small.
Precautionary Statements Storage	NONE
Precautionary Statements Disposal	NONE
Hazards not otherwise classified (HNOC)	NONE

Section 3 Composition/Information on INGREDIENTS

Ingredients (<i>specific</i>)	Weight %	CAS NUMBER	LD ₅₀ of Ingredient <i>ORAL</i>	LC ₅₀ of Ingredient <i>(specify species)</i>
Poly (oxy-1, 2 ethanediyl), alpha-sulfo-omega-hydroxy-C10-16 alkyl ethers, sodium salts	5 - 10	68585-34-2		
Amine Oxides, C10-16, alkyldimethyl	5 - 10	70592-80-2		
Coconut Oil	10 - 15	8001 - 31 - 8	-	-
Glycerin	5 - 10	56-81-5	-	-
Tallowate	5 -10	8052-48-0	-	-
Food Coloring	< 1	3844-45-9	-	-
Water	< 50	7732-18-5	-	-

SECTION 4 — FIRST AID MEASURES

Inhalation Move to Fresh Air, if symptoms persist call a physician.
Ingestion Drink 1 – 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.
Skin Contact Rinse with plenty of water. Get medical attention if irritation develops and persists.
Eye Contact Rinse with plenty of water. Get medical attention immediately if irritation persists

SECTION 5 — FIRE FIGHTING MEASURES AND EXPLOSION DATA

Flammability	Yes x No	If yes, under which conditions? None	
Means of Extinction	Dry Chemical, CO ₂ , alcohol-foam resistant or water spray. As with any fire wear self-contained breathing apparatus pressure-demand and full protective gear.		
Flashpoint and Method No Flash to Boiling (NFTB)	Upper Flammable Limit No Information Available	Lower Flammable Limit No Information Available	
Special Hazard None	Specific Hazards arising from the chemical None	Unsuitable Extinguishing Media None	
Hazardous Combustion Products None			

SECTION 6 — ACCIDENTAL RELEASE AND FIRST AID MEASURES

Inhalation Move to Fresh Air, if symptoms persist call a physician.
Ingestion Drink 1 – 2 glasses of water. Do NOT induce vomiting. Get medical attention immediately if symptoms occur.
Skin Contact Rinse with plenty of water. Get medical attention if irritation develops and persists.
Eye Contact Rinse with plenty of water. Get medical attention immediately if irritation persists
Personal Precautions – Use personal protective equipment. Do not get on eyes or skin or clothing. Emergency Responders use personal protective equipment as required.
Methods and Materials for containment - Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal
Methods for clean-up - Contain spillage, and then collect with non-combustible absorbent material, (sand, earth, etc.) and place in container for disposal according to local/national regulations.

SECTION 7 — HAULING AND STORAGE

Precautions for safe handling Use personal protective equipment as required. Keep container closed when not in use. Never return spills in original containers for re-use. Keep out of reach of children.
Storage Conditions Keep containers tightly closed in a dry, cool and well ventilated place.
Incompatible products None known

SECTION 8 — EXPOSURE CONTROL/PERSONAL PROTECTION

Engineering measures Distribution Workplace and Home Settings - Ensure Adequate Ventilation Product Manufacturing Plant – Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction
Personal Protective Equipment Workplace and Home Settings – No personal protective equipment required Product Manufacturing Plant – Use Appropriate Eye Protection
Hand Protection Workplace and Home Settings – No personal protective equipment required Product Manufacturing Plant – Protective Gloves
Skin and Body Protection Workplace and Home Settings – No special protective equipment required Product Manufacturing Plant – Wear Suitable protective clothing
Respiratory Protection Workplace and Home Settings – No special protective equipment required Product Manufacturing Plant – In case of insufficient ventilation wear suitable respiratory equipment

SECTION 9 — PHYSICAL DATA

Physical State @ 55 degrees Fahrenheit Paste/Wax	Appearance White in Color	Odor No Odor	
Water Solubility 100%	Relative Density 1.04	Vapor Pressure (mmHg) No Information Available	Evaporation Rate No Information Available
Boiling Point (°F) 132 - 136 degrees	Freezing Point (°F) 19 - 27 degrees	pH 5.7 - 6.2	Solubility in other solvents No Information Available

SECTION 10 — STABILITY AND REACTIVITY DATA

Chemical Stability X Yes No	Stable under normal conditions
Incompatibility with Other Substances Yes X No	No known incompatibility with other substances
Conditions to avoid None under normal processing.	
Hazardous Reactions None under normal processing	
Hazardous polymerization Hazardous polymerization does not occur	
Reactivity None under normal use conditions	
Materials to Avoid None in particular	
Hazardous Decomposition Products None under normal use.	

ZIP WAX ANTIFOG CLEANER

SECTION 11 — TOXICOLOGICAL PROPERTIES

Route of Entry X Skin Contact <input type="checkbox"/> Skin Absorption X Eye Contact X Inhalation X Ingestion	
Effects of Acute Exposure to Product There are no effects to exposure.	
Effects of Chronic Exposure to Product There are no effects to chronic exposure to product.	
DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE	
Exposure Limits There are no known exposure limits.	Germ cell mutagenicity Yes X No No known effect
Skin Sensitization Yes X No No known effect	Carcinogenicity Yes X No No known effect
Reproductive Toxicity Yes X No No known effect	Teratogenicity Yes X No No known effect
Neurological Effects Yes X No No known effect	Synergistic Products Yes X No No known effect
Respiratory Sensitization Yes X No No known effect	STOT - Single and repeated exposure Yes X No No known effect

SECTION 12 — ECOLOGICAL INFORMATION

Ecotoxicity - The product is not expected to be hazardous to the environment.

Persistence and degradability - No information available.

Bio accumulative potential - No information available.

Mobility - No information available.

Other adverse effects - No information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste treatment

Waste from Residues / Unused Products - Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging - Disposal should be in accordance with applicable regional, national and local laws and regulations.

California Hazardous Waste Codes - (non-household setting)

331

SECTION 14 – TRANSPORTATION INFORMATION

DOT - Not regulated
IMDG - Not regulated
IATA - Not regulated

SECTION 15 — REGULATORY INFORMATION

U.S. Federal Regulations

SARA 313 - Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

CERCLA - This material, as supplied, does not contain any chemicals which are subject to the reporting requirements under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302):

SECTION 16 — OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge. Information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Zip Wax Antifog Cleaner	Telephone Number 208-659-0221	Preparation Date 07-March 2016
-------------------------	----------------------------------	-----------------------------------