Product Name:
WITE-OUT® Water Base Correction Fluid
WITE-OUT® Ecolutions Water Base Correction Fluid

SAFETY DATA SHEET

Date Prepared:
November 13, 2015 Version 8

SECTION 1 – IDENTIFICATION	
Product Name:	WITE-OUT® Water Base Correction Fluid WITE-OUT® Ecolutions Water Base Correction Fluid
Synonyms:	None
Product Use:	Correction fluid
Manufacturer/ Vendor Information:	Manufactured for/Distributed by: BIC Corporation One BIC Way, Suite 1 Shelton, CT 06484 USA (203) 783-2000 Emergency Telephone Number: (203) 783-2412 Supplier Information: BIC Inc. 155 Oakdale Road Downsview, Ontario M3N 1W2 CANADA (416) 742-9173 x288 (Business hours)
SDS Contact:	Product Safety
Telephone Number:	(203) 783-2412

SECTION 2 – HAZARD(S) IDENTIFICATION	
This product is a consumer product and is not subject to the requirements of OSHA HCS/HazCom 2012 nor Health Canada Hazardous Products Regulations (WHMIS 2015). Nonetheless, this SDS is provided for the information of product users.	
Classification in Accordance with 29 CFR § 1910.1200 and WHMIS 2015:	Not Classified
Signal Word:	No signal word as product is not classified
Hazard Statements:	No hazard statements as product is not classified
Symbols:	No symbols as product is not classified
Precautionary Statements:	No precautionary statements as product is not classified
Any Hazards Not Otherwise Classified – Physical Hazards:	None
Any Hazards Not Otherwise Classified – Health Hazards:	None
For more information refer to Section 11 of this SDS	

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Preparation:

CAS No.	Chemical Name	% by Weight
13463-67-7	Titanium dioxide	30-60
79-10-7	Acrylic acid	1-5
107-21-1	Ethylene glycol	1-5
1336-21-6	Ammonium hydroxide	1-5

SECTION 4 – FIRST-AID MEASURES

Eyes:	Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 5 minutes, or until the chemical is removed, while holding the eyelid(s) open. If irritation occurs, obtain medical advice.
Skin:	If irritation does occur, wash skin with soap and warm water to remove product. Flush with lukewarm, gently flowing water for 5 minutes or until chemical is removed and seek medical advice.
Inhalation:	If symptoms are experienced remove source of contamination or move victim to fresh air and obtain medical advice.
Ingestion:	If irritation or discomfort occurs, obtain medical advice immediately.

Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms/Injuries after Inhalation:	Inhalation of mists of this material may cause respiratory tract irritation.
Symptoms/Injuries after Skin Contact:	May be a skin sensitizer to sensitive individuals upon repeated or prolonged contact.
Symptoms/Injuries after Eye Contact:	Mild eye irritation may occur if product comes in contact with eyes.
Symptoms/Injuries after Ingestion:	Ingestion of a large amount of this product may cause abdominal discomfort. Central Nervous System effects, cardiac effects and pulmonary edema due to the presence of ethylene glycol.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Treat symptomatically.

SECTION 5 – FIRE-FIGHTING MEASURES

Extinguishing Media:	Suitable: Use appropriate extinguishing media for surrounding fire (*e.g.,* CO_2, Foam, Dry Chemical) Unsuitable: Water stream or jet
Conditions of Flammability	Not Applicable. Water-based product will not support combustion.
Hazardous Combustion Products:	Carbon monoxide, carbon dioxide, reactive hydrocarbons, carbonyl compounds, ammonia, nitrogen oxides, smoke, and irritating vapors may be produced on decomposition.
Special Protective Equipment and Precautions for Fire-fighters:	Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautions:	No special precautions required.

Methods and Materials for Containment and Cleaning Up:	Avoid contaminating sewers, streams, rivers and other watercourses with spilled material. Use an inert absorbent material to absorb spill and dispose of properly.

SECTION 7 – HANDLING AND STORAGE

Handling	
Precautions for Safe Handling:	Avoid contact with skin and eyes. Wash thoroughly after handling this product if in contact with skin. Avoid inhalation of product.
Storage	
Conditions for Safe Storage, including any Incompatibilities:	Store in cool, dry, well-ventilated area. Store away from incompatible and reactive materials (See Section 10). Store and transport in closed container. Avoid heat and fire as excessive heat may cause the container to rupture. Keep away from children.

SECTION 8 – EXPOSURE CONTROLS/ PERSONAL PROTECTION

Control Parameters

Chemical Name	**CAS Number**	**Exposure Limits**
Titanium dioxide	13463-67-7	ACGIH: (TLV-TWA) 10 mg/m^3 OSHA: (PEL-TWA) 15 mg/m^3
Acrylic acid	79-10-7	ACGIH: (TLV-TWA) 2 ppm NIOSH: (REL-TWA) 2 ppm (6 mg/m^3) [skin]
Ethylene glycol	107-21-1	ACGIH: (TLV-STEL-ceiling) 100 mg/m^3 *(aerosol only)

The selection of personal protective equipment varies, depending upon the conditions of use. Use equipment appropriate to your particular use pattern.

Engineering Controls:	For normal application, special ventilation is not necessary.
Eye Protection:	Not required under normal use conditions.
Hand Protection:	None necessary under normal use conditions.
Skin and Body Protection:	None necessary under normal use conditions.
Respiratory Protection:	None necessary under normal use conditions.

ACGIH = American Conference of Governmental Industrial Hygienists
NIOSH = National Institute for Occupational Safety and Health
OSHA = Occupational Safety & Health Administration
PEL = Permissible Exposure Limit
REL = Recommended Exposure Limit
TWA = Time-Weighted Average,
TLV = Threshold Limit Value
STEL = Short-Term Exposure Limit

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance & Physical State:	Free flowing white liquid
Odor:	Ammoniacal odor
Odor Threshold:	Not Available
pH:	7-9 (of product as supplied)
Melting Point/Freezing Point:	-5°C (23°F)
Initial Boiling Point and Boiling Range:	100°C (212°F)

Flash Point:	>110°C (>230°F) (Pensky Martens Closed cup ASTM D-93)
Evaporation Rate:	0.22 (Butyl Acetate=1)
Flammability:	Not Applicable
Flammability Limits in Air Lower (LFL): Upper (UFL):	 Not Applicable Not Applicable
Vapor Pressure:	26.8 mmHg @ 77°F
Vapor Density:	Not Available
Density/Specific Gravity:	1.64 (Water =1)
Solubility in Water:	0.37g/100 mL @ 20°C
n-Octanol/ Water Partition Coefficient	Not Available
Auto-ignition Temperature:	Not Available
Decomposition Temperature:	Not Available
Viscosity:	Not Available

SECTION 10 – STABILITY AND REACTIVITY

Reactivity:	This product is stable under the normal conditions of use.
Chemical Stability:	Stable
Possibility of Hazardous Reactions:	Not expected to undergo hazardous polymerization.
Conditions to Avoid:	Avoid heat sources, sparks or flames.
Incompatible Materials:	Avoid strong oxidizing agents, strong acids and strong bases.
Hazardous Decomposition Products:	Not expected to undergo decomposition.

SECTION 11 – TOXICOLOGICAL INFORMATION

Routes of Entry: Skin contact, Inhalation, Eye contact, Skin Absorption, Ingestion

Acute Toxicity

Product data:

Route & Species	Value
Oral; rat LD_{50}	>15 g/kg
Dermal, ATE	>86 g/kg
Inhalation, ATE	>50 mg/L/4H (vapor)

ATE = acute toxicity estimate

Ingredient data:

Chemical	CAS#	Route & Species	Value
Titanium dioxide	13463-67-7	Dermal; rabbit, LD_{50}	>10,000 mg/kg
Acrylic acid	79-10-7	Inhalation, rat LC_{50}	3,600 mg/m^3/4H (vapor)
Ethylene glycol	107-21-1	Dermal; rabbit, LD_{50}	9,530 mg/kg
		Inhalation; rat, LC_{50}	>2,725 mg/m^3/4H (aerosol)

Eye Irritation:	Not expected to be an eye irritant based on the results of an in vitro ocular tolerance test.
Skin Irritation:	Not expected to be a primary skin irritant based on the results of a human skin patch test and an *in-vitro* test.
Ingestion Effects:	Ingestion of a large amount of this product may cause abdominal discomfort, Central Nervous System effects, cardiac effects and pulmonary edema due to the presence of ethylene glycol. Severe kidney damage may occur following ingestion of large amounts of ethylene glycol.
Inhalation Effects:	Inhalation of mists of this material may cause respiratory tract irritation.
Skin Sensitization:	Evidence has shown that pure ethylene glycol may, in a small proportion of the population (<1%), cause skin sensitization upon repeated contact.
Respiratory Tract Sensitization:	This product is not known to contain any components at >= 0.1% that have been shown to cause respiratory tract sensitization. Therefore, based upon the available data and the known hazards of the components, this product is not expected to be a respiratory tract sensitizer.
Chronic Toxicity	
Carcinogenicity:	Based on the known hazards of the components, the product is not expected to pose a carcinogenicity risk.
Mutagenicity:	This product is not known to contain any components at >= 0.1% that have been shown to cause mutagenicity. Therefore, based upon the available data and the known hazards of the components, this product is not expected to be a mutagen.
Reproductive Toxicity:	This product is not known to contain any components at >= 0.1% that have been shown to cause reproductive toxicity. Therefore, based upon the available data and the known hazards of the components, this product is not expected to be a reproductive toxin.
Teratogenicity/Embryotoxicity:	This product is not expected to cause teratogenicity in animal studies at non-maternally-toxic doses, based on known information about the components.
Other Chronic Effects:	This product is not known to contain any components at >= 1.0% that have been shown to cause other chronic toxic effects. Therefore, based upon the available data and the known hazards of the components, contact with this product is not expected to cause other chronic toxic effects.

SECTION 12 – ECOLOGICAL INFORMATION	
Ecotoxicity:	Not Available
Persistence/ Degradability:	Not Available
Bioaccumulation:	Not Available
Mobility in Soil:	Not Available
Other Adverse Effects:	Not Available

SECTION 13 – DISPOSAL CONSIDERATIONS	
Waste Disposal Method:	In accordance with local, provincial, federal, or territorial guidelines and regulations.

SECTION 14 – TRANSPORT INFORMATION

	Shipping name	UN Number	Hazard Class	Packing Group
DOT (US)	Not Regulated	N/Ap	N/Ap	N/Ap
TDGR	Not Regulated	N/Ap	N/Ap	N/Ap

DOT = Department of Transport
N/Ap = Not Applicable
TDGR = Transport of Dangerous Goods Regulations (Canada)

SECTION 15 – REGULATORY INFORMATION

OSHA Classification: OSHA Hazard Communication Standard (29 CFR §1910.1200)
This product has been classified in accordance with the hazard criteria of the OSHA's HCS/HazCom 2012.

Health Canada Classification: Hazardous Products Regulations (WHMIS 2015)
This product has been classified in accordance with the hazard criteria of the Health Canada's Hazardous Products Regulations (WHMIS 2015).

Hazard Ratings

	NPCA/HMIS	NFPA 704
Health:	1	1
Flammability:	1	1
Reactivity:	0	0

NPCA/HMIS – National Paint and Coatings Association/ Hazardous Materials Identification System
NFPA – National Fire Protection Association

All the ingredients in the product are listed on the TSCA inventory. This product requires no labeling as per the State of California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65). None of the ingredients in this product are Class I or Class II ozone depletors. None of the ingredients in this product are listed as an Extremely Hazardous Substance under the RCRA, SARA 302/313, Clean Air Act, and Clean Water Act.

Regulated under SARA 311/312 Acute: no Chronic: no Fire: no

SECTION 16 – OTHER INFORMATION

Latest Revision Date: November 13, 2015
Supersedes Date: October 16, 2013

Disclaimer: The information given is based on data currently available to us and is believed to be correct. No warranty is expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. No responsibility is assumed for injury or damage from the use of the products described herein.