

**VALCO CINCINNATI CONSUMER PRODUCTS INC.**  
**SAFETY DATA SHEET**  
**MATERIAL NAME:** VALCO FASTSHINE PART NUMBERS 710XX603, 710XX604, 710XX606  
**EMERGENCY TELEPHONE NO.:** CALL INFOTRAC AT 1-800-535-5053  
**PRODUCT INFORMATION NO.:** (513) 874-6550  
**DATE ISSUED:** FEBRUARY 1, 2018

**SECTION 1 – GENERAL INFORMATION**

**MANUFACTURER'S NAME:** VALCO CINCINNATI, INCORPORATED  
**ADDRESS:** 411 CIRCLE FREEWAY DRIVE, CINCINNATI, OHIO 45246

**DESCRIPTION:** WATER-BASED, CLEAR, TWO-PHASE SOLUTION FOR CLEANING AND DETAILING OF AUTOMOBILES

**SECTION 2 – HAZARDS IDENTIFICATION**

**APPEARANCE** Clear, two phase liquid  
**ODOR** Slight alcohol Slight Ammonia

**CLASSIFICATION**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**HAZARDS NOT OTHERWISE CLASSIFIED (HNOC)**

Causes mild skin irritation

**SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS**

CHEMICAL NAME	CAS NO	WEIGHT %
2-Butoxyethanol	111-76-2	1-5
Isopropanol	67-63-0	<1

If Chemical Name/CAS No is "proprietary" and/or Weight-% is listed as a range, the specific chemical identity and/or percentage of composition has been withheld as a trade secret.

**SECTION 4 – FIRST AID MEASURES**

**FIRST AID MEASURES**

**GENERAL ADVICE** Provide this SDS to medical personnel for treatment.  
**EYE CONTACT** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.  
**SKIN CONTACT** Wash off immediately with plenty of water for at least 15 minutes.  
**INHALATION** Remove to fresh air.  
**INGESTION** Clean mouth with water and drink plenty of water.

**MOST IMPORTANT SYMPTOMS AND EFFECTS**

**SYMPTOMS** Causes mild skin irritation.

**INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED**

**NOTES TO PHYSICIAN** Treat symptomatically.

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**SECTION 5 – FIRE FIGHTING MEASURES**

**SUITABLE EXTINGUISHING MEDIA**  
 Water spray (fog). Foam. Carbon dioxide (CO2). Dry chemical. Sand/earth.

**UNSUITABLE EXTINGUISHING MEDIA**

Not determined.

**SPECIFIC HAZARDS ARISING FROM THE CHEMICAL**

Not determined.

**HAZARDOUS COMBUSTION PRODUCTS**

Carbon dioxide (CO2). Carbon monoxide. Formaldehyde. Silicone dioxide.

**PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE FIGHTERS**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**SECTION 6 – ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

**PERSONAL PRECAUTIONS** Use personal protective equipment as required.

**METHODS AND MATERIAL FOR CONTAINMENT AND CLEAN UP**

**METHODS FOR CONTAINMENT** Prevent further leakage or spillage if safe to do so

**METHODS FOR CLEAN UP** Absorb with inert material and then place in suitable container for chemical waste.

**SECTION 7 – HANDLING AND STORAGE**

**PRECAUTIONS FOR SAFE HANDLING**

**ADVICE ON SAFE HANDLING** Handle in accordance with good industrial hygiene and safety practice.

**CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES**

**STORAGE CONDITIONS** Keep containers tightly closed in a dry, cool and well-ventilated place.

**INCOMPATIBLE MATERIALS** Strong oxidizers. Strong acids. Strong bases.

**SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

**EXPOSURE GUIDELINES**

CHEMICAL NAME	ACGIH TLV	OSHA PEL	NIOSH IDLH
2-Butoxyethanol 111-76-2	TWA: 20 ppm	TWA: 50 ppm TWA: 240 mg/m <sup>3</sup> (vacated) TWA: 25 ppm (vacated) TWA: 120 mg/m <sup>3</sup> (vacated) S* S*	IDLH: 700 ppm TWA: 5 ppm TWA: 24 mg/m <sup>3</sup>
Isopropanol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> (vacated) TWA: 400 ppm (vacated) TWA 980 mg/m <sup>3</sup> (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m <sup>3</sup>	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m <sup>3</sup> STEL: 500 ppm STEL: 1225 mg/m <sup>3</sup>

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**SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION (CONT)**

**APPROPRIATE ENGINEERING CONTROLS**

**ENGINEERING CONTROLS** Apply technical measures to comply with the occupational exposure limits.

**INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT**

**EYE/FACE PROTECTION** Refer to 29 CFR 1910.133 for eye and face protection regulations.

**SKIN/BODY PROTECTION** Refer to 29 CFR 1910.138 for appropriate skin/body protection.

**RESPIRATORY PROTECTION** Refer to 29 CFR 1910.134 for respiratory protection requirements.

**GENERAL HYGIENE** Handle in accordance with good industrial hygiene and safety practice.

**SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

**INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES**

<b>PHYSICAL STATE</b>	Not determined
<b>APPEARANCE</b>	Clear, two phase liquid
<b>ODOR</b>	Slight alcohol / Slight ammonia
<b>ODOR THRESHOLD</b>	Not determined
<b>COLOR</b>	Clear

<b><u>PROPERTY</u></b>	<b><u>VALUES</u></b>	<b><u>REMARKS • METHOD</u></b>
pH	Not determined	
Melting Point/Freezing Point	Not determined	
Boiling Point/Boiling Range	83-100°C / 181-212°F	
Flash Point	Not determined	
Evaporation Rate	Slower than ethyl ether	
Flammability (Solid, Gas)	Liquid – Not applicable	
Upper Flammability Limits	Not determined	
Lower Flammability Limits	Not determined	
Specific Gravity	0.99	(Water = 1)
Water Solubility	Completely soluble	
Solubility in other solvents	Not determined	
Partition Coefficient	Not determined	
Auto-ignition Temperature	Not determined	
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	
Additional Information	% Volatile by weight 99	
Density	8.2 lb/gal	

**SECTION 10 – STABILITY AND REACTIVITY**

**REACTIVITY**

Not reactive under normal conditions.

**CHEMICAL STABILITY**

Stable under recommended storage conditions.

**POSSIBILITY OF HAZARDOUS REACTIONS**

None under normal processing.

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**SECTION 10 – STABILITY AND REACTIVITY (CONT)**

**HAZARDOUS POLYMERIZATION**

Hazardous polymerization does not occur.

**CONDITIONS TO AVOID**

Keep out of reach of children.

**INCOMPATIBLE MATERIALS**

Strong oxidizers. Strong acids. Strong bases.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Carbon dioxide (CO<sub>2</sub>). Carbon monoxide. Formaldehyde. Silicone dioxide.

**SECTION 11 – TOXICOLOGICAL INFORMATION**

**ROUTES OF EXPOSURE**

**PRODUCT INFORMATION**

**EYE CONTACT** Avoid contact with eyes.  
**SKIN CONTACT** Causes mild skin irritation.  
**INHALATION** Do not inhale.  
**INGESTION** Do not ingest.

**COMPONENT INFORMATION**

CHEMICAL NAME	ORAL LD50	DERMAL LD50	INHALATION LC50
2-Butoxyethanol 111-76-2	= 470 mg/kg (Rat)	= 99 mg/kg (Rabbit)	= 450 ppm (Rat) 4 h
Polydimethylsiloxane 63148-62-9	> 17 g/kg (Rat)	> 2 g/kg (Rabbit)	-
Isopropanol 67-63-0	= 1870 mg/kg (Rat)	= 4059 mg/kg (Rabbit)	= 72600 mg/m <sup>3</sup> (Rat) 4 h

**INFORMATION ON PHYSICAL, CHEMICAL AND TOXICOLOGICAL EFFECTS**

**SYMPTOMS** Please see section IV of this SDS for symptoms.

**DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG TERM EXPOSURE**

**CARGINOGENICITY** The table below indicates whether each agency has listed any ingredient as a Carcinogen. However, the product as a whole has not been tested.

CHEMICAL NAME	ACGIH	IARC	NTP	OSHA
2-Butoxyethanol 111-76-2	A3	Group 3		
Isopropanol 67-63-0		Group 3		X

**Legend**

*ACGIH (American Conference of Governmental Industrial Hygienists)*  
A3 - Animal Carcinogen  
*IARC (International Agency for Research on Cancer)*  
Group 3 IARC components are "not classifiable as human carcinogens"  
*OSHA (Occupational Safety and Health Administration of the US Department of Labor)*  
X - Present

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**SECTION 12 – ECOLOGICAL INFORMATION**

**ECOTOXICITY**

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**COMPONENT INFORMATION**

CHEMICAL NAME	ALGAE AQUATIC PLANTS	FISH	TOXICITY TO MICROORGANISMS	CRUSTACEA
2-Butoxyethanol 111-76-2		1490: 96 h Lepomis Macrochirus mg/L LC50		1000: 48 h Daphnia magna mg/L EC50 1698 – 1940: 24 h Daphnia magna mg/L EC50
Isopropanol 67-63-0	1000: 96 h Desmodesmus subspicatus mg/L EC50 1000: 72 h Desmodesmus subspicatus mg/L EC50	9640: 96 h Pimephales promelas mg/L LC50 flowthrough 1400000: 96 h Lepomis macrochirus ug/L LC50 static		13299: 48 h Daphnia magna mg/L EC50

**PERSISTENCE/DEGRADABILITY**

Not determined.

**BIOACCUMULATION**

Not determined.

**MOBILITY**

CHEMICAL NAME	PARTITION COEFFICIENT
2-Butoxyethanol 111-76-2	0.81
Isopropanol 67-63-0	0.05

**OTHER ADVERSE EFFECTS**

Not determined.

**SECTION 13 - DISPOSAL**

**WASTE TREATMENT METHODS**

**DISPOSAL OF WASTES**

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 STATUS**

CHEMICAL NAME	CALIFORNIA HAZARDOUS WASTE STATUS
Isopropanol 67—63-0	Toxic Ignitable

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**SECTION 14 - TRANSPORTATION**

**NOTE** Please see current shipping paper for most up to date shipping information, including exemptions and special circumstances.

**DOT** Not regulated

**IATA** Not regulated

**IMDG** Not regulated

**SECTION XV – REGULATORY INFORMATION**

**INTERNATIONAL INVENTORIES**

CHEMICAL NAME	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
2-Butoxyethanol	Present	X		Present		Present	X	Present	X	X
Isopropanol	Present	X		Present		Present	X	Present	X	X

**Legend:**

*TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*

*DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*

*EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*

*ENCS - Japan Existing and New Chemical Substances*

*IECSC - China Inventory of Existing Chemical Substances*

*KECL - Korean Existing and Evaluated Chemical Substances*

*PICCS - Philippines Inventory of Chemicals and Chemical Substances*

*AICS - Australian Inventory of Chemical Substances*

**US FEDERAL REGULATIONS**

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environment Response Compensation and Liability Act (CERCLA) (40 CFR 301) OR THE Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355).

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

CHEMICAL NAME	CAS NO	WEIGHT-%	SARA 313-THRESHOLD VALUES %
2-Butoxyethanol – 111-76-2	111-76-2	5	1.0

**CWA (CLEAN WATER ACT)**

This product does not contain any substances regulated as pollutants to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**US STATE REGULATIONS**

**CALIFORNIA PROPOSITION 65**

This product does not contain any Proposition 65 chemicals.

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<b>CHEMICAL NAME</b>	<b>NEW JERSEY</b>	<b>MASSACHUSETTS</b>	<b>PENNSYLVANIA</b>
2-Butoxyethanol 111-76-2	X	X	X
Isopropanol 67-63-0	X	X	X

**SECTION XVI – OTHER INFORMATION**

<b>NFPA</b>	<b>HEALTH HAZARDS</b>	<b>FLAMMABILITY</b>	<b>INSTABILITY</b>	<b>SPECIAL HAZARDS</b>
	Not determined	Not determined	Not determined	Not determined
<b>HMIS</b>	Not determined	Not determined	Not determined	Not determined

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE; OBTAINED FROM SOURCES BELIEVED BY VALCO CINCINNATI, INC. TO BE ACCURATE. SINCE THE CONDITIONS AND METHODS OF USE OF OUR PRODUCT ARE BEYOND OUR CONTROL, WE DISCLAIM ANY AND ALL LIABILITY ARISING OUT OF THE IMPROPER USE OF THIS PRODUCT OR THE INFORMATION PROVIDED HERE WITH.