



#10142

MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

MSDS #: 0338KB **Issue Date:** 8/23/2011
PRODUCT NAME: KIWI Desert Boot Cleaner
GENERAL USE: Work Boot Cleaner, Desert Boot Cleaner
PRODUCT DESCR: Opaque white slightly thickened liquid



SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENTS	CAS #	% (by weight)	OSHA PEL	ACGIH TWA	SARA 302	SARA 313
1,2-PROPANEDIOL	57556	1 TO 5	TWA None STEL None	None	No	No

In Canada, Not a WHMIS Controlled Product (Consumer Commodity)

SECTION 3 - HAZARDS IDENTIFICATION

Eyes: Exposure may cause mild irritation. Symptoms may include stinging, tearing, and redness. **Skin:** Exposure may cause mild skin irritation. Skin absorption is possible, but harmful effects are not expected from this route of exposure under normal conditions of handling and use.

SECTION 4 - FIRST AID MEASURES

INHALATION Remove to fresh air. If not breathing, begin artificial respiration. If breathing is difficult, oxygen may be administered by qualified medical personnel.
SKIN / EYE CONTACT: Eye: Flush eyes with water for at least 15 minutes. If symptoms persist, obtain medical attention. Skin: Wash off skin with water. If adverse symptoms persist, obtain medical attention.
INGESTION: Wash out mouth. Contact medical personnel.

SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: >212°F (100°C) Closed cup
FLAMMABLE LIMITS LEL: N.D. UEL: N.D.
AUTOIGN. TEMP N.D.
NFPA AEROSOL LEVEL: Does not apply to non-aerosol
EXTIN.MEDIA Water fog, alcohol resistant foam, carbon dioxide or dry chemical.

FIRE FIGHT PROC : Wear positive pressure self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE EXP : None known.

HAZ COMBUST. PROD. Combustion will yield carbon dioxide and/or carbon monoxide, and possibly small amounts of sulfur dioxide or hydrogen sulfide.

SECTION 6 - ENVIRONMENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED -

Contain and collect spilled materials using absorbent material as necessary. Rinse contaminated surfaces with water.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE -

Do not splash in eyes.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION**ENGINEERING CONTROLS** Mechanical or local exhaust may be used, if necessary.**PERSONAL PROTECTION:****RESPIRATORY PROTECTION (SPECIFY TYPE):**

Not normally required. If exposure limits are exceeded, use an air purifying respirator with organic filter cartridges or air-supplied breathing equipment.

PROTECT.GLOVES Use impervious gloves when prolonged or repeated contact occurs or if skin irritation develops.**EYE PROTECTION:** Wear safety glasses or goggles when possibility of direct eye contact exists.**OTHER PROECTION:.** None.**WORK / HYGIENIC PRACTICES:** Practice safe workplace habits. Minimize body contact with this as well as all chemicals in general.**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

VAPOR PRESSURE (MM HG)	N.D.	VAPOR DENSITY (AIR =1)	N.D.
SPECIFIC GRAVITY (WATER = 1)	1.06	EVAPORATION RATE (WATER =1)	N.D.
SOLUBILITY IN WATER	Dispersible	FREEZING POINT	< 32° F (0° C)
pH	8.5-11.0	ODOR	Lemon 84-87%
BOILING POINT	N.D.	VOLATILE ORGANIC COMPOUND (Total VOC's)	

SECTION 10 - STABILITY AND REACTIVITY**STABILITY:** Stable.**CONDITIONS TO AVOID:** None.**INCOMPATIBILTIIY (MATERIALS TO AVOID)**

Strong oxidizing materials and chlorine bleach.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Combustion will yield carbon dioxide and/or carbon monoxide, and possibly small amounts of sulfur dioxide or hydrogen sulfide.

HAZARDOUS POLYMERIZATION Will not occur.**SECTION 11 - TOXICOLOGICAL INFORMATION**

Hazardous Ingredients	%	CAS #	LD50 of Ingredients		LC50 of Ingredients (Secify Species)
			(Specify Species and Route)		
1,2-PROPANEDIOL	1 TO 5	57556	20	Rat-oral	N.A.V.

SECTION 12 - ECOLOGICAL INFORMATION

None.

SECTION 13 - DISPOSAL INFORMATION

Dispose of in accordance with all federal, state, and local regulations.

SECTION 14 - TRANSIT INFORMATION

Not regulated.

SECTION 15 - REGULATORY INFORMATION**TSCA (Toxic Substance Control Act):**

Components of this prodcut are listed on the TSCA Inventory.

SARA TITLE III (Superfund Amendments and Reauthorization Act)

Chemical Name	CAS #	SARA 313	SARA 302	CANADA IDL	DSL	NDSL
1,2-PROPANEDIOL	57556	No	No	Yes	Yes	No

Chemical Name	CAS #	Prop65 Cancer	Prop65 Developmental	Prop65 Female Reproductive	Prop65 Male Reproductive
1,2-PROPANEDIOL	57556	No	No	No	No

SECTION 16 - OTHER INFORMATION

US SKU 112000, 112001, 112071, 112085, 114087, 645000, 645085, 851000

Canada SKU

HMIS HAZARD RATINGS:

HEALTH: 1

FLAMMABILITY: 1

REACTIVITY: 0

PERSONAL PROTECTION EQUIPMENT: None

0 = INSIGNIFICANT	3 = HIGH
1 = SLIGHT	4 = EXTREME
2 = MODERATE	

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