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MATERIAL SAFETY DATA SHEET FOR: WOUND CLEASER WITH ZINC

SECTION 1- PRODUCT IDENTIFICATION

Product Name	Wound Cleanser with Zinc
Use/Size	4 fl. Oz (118 ml)
Product Numbers	DERMA-WC04
Manufacturer/Supplier	Derma Sciences, Inc.
Address	104 Shorting Road Toronto, Ontario M1S 3S4, Canada
Phone Number	416-299-4003

SECTION 2- HAZARDOUS INGREDIENTS

Purified Water	CAS No: 7732-18-5
SD Alcohol 40B	CAS No: 64-17-5
Methyl Paraben	CAS No: 96-76-3
Propyl Paraben	CAS No: 94-13-3
Pyridoxine Hydrochloride	CAS No: 58-56-0
Zinc Sulfate	CAS No: 7446-20-0
Zinc Acetate	CAS No: 557-34-6
Zinc Chloride	CAS No: 7646-85-7
Sodium Chloride	CAS No: 7647-14-5
Corn Syrup	

SECTION 3- HEALTH HAZARD DATA

Routes of Entry	Eye Contact / Skin Contact
Carcinogenic Status	Not available
Target Organs	Eye / Skin / Respiratory System / Central Nervous System
Health Effects	Eyes Contact may cause slight transient irritation
Health Effects	Skin Material may cause irritation.



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Health Effects

Ingestion

Swallowing of large amount may have the following effects: irritation of the stomach (as in over-use of salt tablets) with nausea and vomiting. May affect behavior (muscle spasm/contraction, somnolence), sense organs, metabolism and cardio vascular system. Continuous exposure may cause dehydration and internal organ congestion.

Health Effects

Inhalation

Exposure to vapor may have the following effects: Irritation of the mucous membrane and upper respiratory tract.

SECTION 4- FIRST AID MEASURES

Eyes

Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

Skin

If skin irritation develops, or other symptoms occur, discontinue use. Seek medical attention if symptoms persist.

Ingestion

Do not induce vomiting. Have victim drink 1-3 glasses of water to dilute stomach contents. Never administer anything by mouth if a victim is losing consciousness, is unconscious or is convulsing. Obtain medical attention immediately.

Inhalation

If there is difficulty breathing, give oxygen. Seek medical attention if symptoms persist.

Advise to physicians

Treat symptomatically.

SECTION 5- FIRE FIGHTING MEASURES

Extinguishing Media

Non Flammable.

Unusual Fire and Explosion hazards

None known

Protective Equipment for Fire-Fighting

Wear full protective clothing and self-contained breathing apparatus.



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SECTION 6- ACCIDENTAL RELEASE MEASURES

Small Spill: Dilute with water and mop or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose the material according to local and regional authority requirement.

Large Spill: Absorb with an inert dry material and put the in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and dispose the material according to local and regional authority requirement.

SECTION 7- HANDLING AND STORAGE

Keep container tightly closed when not in use. Stored in controlled room temperature 15-30°C (59-86°F)

SECTION 8- SPECIAL PROTECTION INFORMATION

Engineering Control Measures	No specific measures necessary
Respiratory Protection	Not normally required
Hand Protection	Skin protection not normally required
Eye Protection	Eye protection not normally required. However, care should be taken to avoid accidental exposure.
Body Protection	Normal work wear

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Liquid
Color	Water White to Light Yellow
Odor	None
pH	3.5 – 4.5
Clarity	Clear



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Boiling Range/Point (°C/F)	No data
Melting Point (°C/F)	No data
Flash Point (PMCC) (°C/F)	No data
Explosion Limits (%)	No data
Vapor Pressure	No data
Density	No data
Solubility in Water	Completely soluble in water
Vapor Density (Air=1)	No data
Viscosity (cSt)	No data

SECTION 10- STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Conditions to Avoid	Heat-High Temperatures-Pressure
Materials to Avoid	Not available
Hazardous Polymerization	Will not occur

SECTION 11- DISPOSAL

Dispose in accordance with all applicable local and national regulations. Dispose containers with care.

Prepared By: Derma Sciences Quality Assurance Department on January 18, 2013

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