

SAFETY DATA SHEET

WOUND CLEANSER WITH ZINC

SECTION 1- Identification of the substance/mixture and of the company/undertaking

Product Name Wound Cleanser with Zinc
Use/Size 4 fl. Oz (118 ml)
Product Numbers DERMA-WC04

Recommended use of the product and restrictions on use

Recommended use: Wound Cleanser

Restrictions on use: No data

Details of the supplier of the Safety Data Sheet

This Safety Data Sheet has been updated in accordance with the Global Harmonized System (GHS)

Manufacturer/Supplier Derma Sciences, Inc.
Address 104 Shorting Road
Toronto, Ontario
M1S 3S4, Canada

Phone Number 416-299-4003

CHEMTREC 24-hour emergency response telephone number (800) 424-9300
International CHEMTREC 1-703-527-3887

SECTION 2 - HAZARDS IDENTIFICATION

GHS Classification:

Hazard Identifier	Category
Physical Hazards	Not Applicable
Health Hazards	Not Applicable
Environmental Hazards	Not Applicable

GHS Label Elements, including precautionary statements:

Not Applicable

Precautionary statements

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.

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 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS-No	Weight%	Trade Secret
Purified Water	7732-18-5	No data	
SD Alcohol 40B	64-17-5	No data	
Methyl Paraben	96-76-3	No data	
Propyl Paraben	94-13-3	No data	
Pyridoxine Hydrochloride	58-56-0	No data	
Zinc Sulfate	7446-20-0	No data	
Zinc Acetate	557-34-6	No data	
Zinc Chloride	7646-85-7	No data	
Sodium Chloride	7647-14-5	No data	
Corn Syrup	Not Applicable	No data	

SECTION 4 - FIRST AID MEASURES

Description of necessary 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.

Important Symptoms/effects, acute and delayed

Important Symptoms/effects:	Eyes Soreness or redness persists
	Skin Skin irritation
	Ingestion Losing consciousness or is convulsing
	Inhalation Difficulty in breathing

Required medical attention and treatment needed

Note to physicians:	Treat symptomatically.
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SECTION 5 - FIRE FIGHTING MEASURES

Extinguishing Media	Non Flammable.
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**Unusual Fire and
Explosion hazards**

None Known

**Protective Equipment
for Fire-Fighting**

Wear full protective clothing and self-contained breathing apparatus.

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 them 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.

Reference to other sections:

See section 7 for information on safe handling.

See section 8 for information on personal protection equipment.

See section 13 for disposal information.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling

No special requirements

Precautions for safe storage, including incompatibilities

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

Incompatible products:

Not applicable

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters

Exposure guidelines: No data

Chemical name	ACGIH TLV	OSHA PEL
NA	NA	NA

Appropriate Engineering Controls

No specific measures necessary

Personal Protective Equipment (PPE)

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
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

Possibility of Hazardous reactions

None

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product information:

Inhalation: May cause irritation in mucous membrane

Eye contact: May cause eye irritation

Skin contact: May cause skin irritation

Ingestion: May cause digestive irritation

Important Symptoms/effects:

Eyes

Soreness or redness persists

Skin

Skin irritation

Ingestion

Losing consciousness or is convulsing

Inhalation

Difficulty in breathing

Acute and chronic effects from short and long term exposure

Sensitization: No data

Mutagenic effects: No data

Carcinogenicity: No data

Reproductive toxicity: No data

STOT- single exposure: No data

STOT-repeated exposure: No data

Aspiration hazard: No data

Numerical measures of toxicity- product

No data

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity No Ecotoxicity data was found for the product

Chemical name	Toxicity to fish	Toxicity to algae	Toxicity to micro-organisms	Toxicity to crustaceans
NA	NA	NA	NA	NA

Persistence and Degradability
Expected to be biodegradable

Bioaccumulation
No data

Mobility in soil
No data

Other adverse effects
No data

SECTION 13 - DISPOSAL CONSIDERATIONS

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

SECTION 14 - TRANSPORT INFORMATION

DOT Classification: Not a DOT controlled material (United States).

Identification: Not applicable.

Special Provisions for Transport: Not applicable.

SECTION 15 - REGULATORY INFORMATION

Not controlled by OSHA, NIOSH or WHMIS

SECTION 16 - OTHER INFORMATION

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The data on this Safety Data Sheet relates only to this product and does not relate to use with any other material or in any process. It is the user's responsibility to determine the suitability of the information for their particular purposes.

Prepared By: Derma Sciences Quality Assurance Department, March 2, 2015

Abbreviations and acronyms that may be used herein:

ADR: Accord européen sur le transport des marchandises dangereuses par Route. (European Agreement concerning the International Carriage of Dangerous Goods by Road)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

HMIS: Hazardous Materials Identification System (USA)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

NFPA: National Fire Protection Association (USA)

NIOSH: National Institute for Occupational Safety and Health (USA)

OSHA: Occupational Safety and Health Association (USA)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

WHMIS: Workplace Hazardous Materials Information System (Canada)

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