

# SAFETY DATA SHEET



## 1. IDENTIFICATION OF THE SUBSTANCE AND COMPANY

Product Name	<b>Procure Zinc Oxide 20 % Ointment</b>
Company Name (Supplier of SDS)	Twin Med LLC.
Address	11333 Greenstone Ave. • Santa Fe Springs, CA 90670
Contact	1-877-TwinMed (894-6633)
Emergency	1-877-TwinMed (894-6633)
Relevant Use	Treat and prevent minor skin irritations associated with diaper rash, burns, cuts, scrapers, allergic reactions.

## 2. HAZARD IDENTIFICATION

### Non – Hazardous product & Non Dangerous goods

### Below section only applies to the particular Ingredient used in Composition.

Classification of substance or mixture	OSHA HCS (29 CFR 1910.1200) - GHS Classification Not classified as dangerous for supply/use. <b>Classification according to Regulation (EC) No 1272/2008</b> Acute aquatic toxicity (Category 1), H400 Chronic aquatic toxicity (Category 1), H410
Physical Hazards	Not Classified
Health Hazards	The chief health hazard associated with exposure during normal use and handling is the potential for mild irritation of contaminated skin. Individuals who have had allergic reactions to products containing the active ingredient, Zinc Oxide, or any other components of this product may experience allergic reactions to this product. 1 (including both sub-categories 1A and 1B), Respiratory or skin sensitization - Respiratory sensitizer (Category 1, 1A and 1B)
OSHA defined hazards	Not Classified

# SAFETY DATA SHEET



## Label Elements



### Signal Word

Warning

### Hazard Statement

Causes skin and eye irritation.

### Precautionary statement

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H335: May cause respiratory irritation.

H412: Harmful to aquatic life with long lasting effects.

### Other Hazard

No other hazard.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	Percentage	CAS Number
Zinc Oxide	20.00 %	1314-13-2
Cetomacrogol 1000	0.1 %	9004-95-9
Cetostearyl Alcohol	0.1 %	67762-27-0
Light liquid paraffin	0.15%	8012-95-1
Lanolin	0.50 %	8006-54-0
White Soft paraffin	79.15 %	8009-03-8

## 4. FIRST AID MEASURES

### Inhalation

Move to fresh air, call a physician if symptoms develop or persist

### Skin Contact

Take off immediately all contaminated clothing. Rinse with water / shower

# SAFETY DATA SHEET



<b>Eye Contact</b>	Immediately flush eyes with plenty of water for at least 15 minutes.
<b>Ingestion</b>	Rise mouth. Get medical attention if symptoms occur.
<b>Self -protection of the first aider</b>	General supportive measures and treat symptomatically.

## 5. FIRE FIGHTING MEASURES

<b>Extinguishing media</b>	
- <b>Suitable extinguishing media</b>	Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide.
- <b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Special Hazards arising from product</b>	Vapors may form explosive mixtures with air.
<b>Advice for fire – fighters</b>	Self- contained breathing apparatus and full protective clothing must be worn in case of fire.

## 6. ACCIDENTAL RELEASE MEASURES

<b>Personal precautions, protective equipment and emergency procedure</b>	Wear appropriate protective equipment and clothing during clean up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.
<b>Environmental Protection</b>	Avoid discharge into drains, water Sources or onto the ground.
<b>Method and Material for containment and cleaning up</b>	Eliminate all ignition sources, Keep combustibles. Take precautionary measures against static discharge.

# SAFETY DATA SHEET



## 7. HANDLING AND STORAGE

<b>Precaution for safe handling</b>	When using not smoke. Explosive proof general and local exhaust ventilation. Avoid prolonged Exposure. Wear appropriate PPEs
<b>Conditions for Safe storage, including any incompatibilities</b>	Store in a cool and dry place away from direct sunlight. Store away from incompatible materials.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Control parameter</b>	
<b>Occupational exposure limits</b>	<u>Zinc Oxide</u> : TLV: 2 mg/m <sup>3</sup> , as TWA; 10 mg/m <sup>3</sup> as STEL. MAK: (as Zn, respirable fraction): 0.1 mg/m <sup>3</sup> ; peak limitation category: I(4); (as Zn, inhalable fraction): 2 mg/m <sup>3</sup> ; peak limitation category: I(2); pregnancy risk group: C
<b>Biological limit values</b>	Data not available
<b>Exposure control</b>	
<b>Appropriate engineering controls</b>	Good general ventilation should be used. Provide eyewash stations and Safety showers. Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.
<b>Personal protective equipment</b>	
<b>Eye/ face protection</b>	Not normally needed during normal use. If necessary, refer to U.S. OSHA
<b>Skin protection</b>	Not normally needed during normal use. If necessary, refer to U.S. OSHA. For situations in which prolonged skin contact is anticipated, double gloves, using latex, nitrile, or rubber gloves. Check gloves for leaks. Wash hands before putting on gloves and after removing gloves. Gloves should cover the gown cuff.
<b>Respiratory protection</b>	Not normally needed during normal use. If necessary, refer to U.S. OSHA. A respirator is not required for routine conditions of use of this product. If respiratory protection is needed use Chemical respirator with organic vapor cartridge.

# SAFETY DATA SHEET



## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

- Physical state Ointment
- Colour White to off white

### Odour

Characteristic

### Odour threshold

Not available

### pH

Not available

### Melting point/ Freezing point

Not available

### Initial boiling point/ Boiling range

Not available

### Flash Point

Not available

### Evaporation rate

Not available

### Flammability (Solid/ Gas)

Not applicable

### Upper/ Lower flammability or explosive limits

-

- Upper Explosive limit Not available

- Lower Explosive limit Not available

### Vapour pressure

Not available

### Vapour density

Not available

### Relative density

Not available

### Solubility in water

Not available

### Partition Coefficient

Not available

### Auto – Ignition temperature

Not available

### Decomposition temperature

Not available

### Viscosity

NMT 100000 cps

### Viscosity, dynamic

Not available

### Viscosity, Cinematic

Not available

### Explosive properties

Not explosive

### Oxidizing properties

Not oxidizing

## 10. STABILITY AND REACTIVITY

### Reactivity

Product is stable and non-reactive

### Chemical Stability

Stable under normal condition

### Possibility of Hazardous reactions

No Hazardous reactions.

# SAFETY DATA SHEET



<b>Conditions to avoid</b>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
<b>Incompatible materials</b>	This product is generally compatible with other common materials in a medical facility. Acids, caustics, and other chemicals that could affect its performance should be avoided.
<b>Hazardous decomposition products</b>	No hazardous decomposition. If exposed to extremely high temperatures, thermal decomposition may generate irritating fumes and toxic gases (e.g., carbon oxides and zinc compounds).

## 11. TOXICOLOGICAL INFORMATION

### Toxicokinetics, Metabolism, Distribution

#### Acute Toxicity

#### Not expected to be acutely toxic

The information included in this section describes the potential hazards of the individual ingredients.

Components	Species	Test results
<b>Zinc Oxide</b> LDLo (oral) TCLo (inhalation) LC50 (inhalation) LD50 (oral)	Human Human Mouse Mouse	500 mg/kg 600 mg/m <sup>3</sup> 2500 mg/m <sup>3</sup> 7950mg/kg
<b>White Soft Paraffin</b> LD50 (intraperitoneal)	Mouse	> 50gm/kg

#### Skin Corrosion / Irritation Eye damage / Irritation

Prolonged skin contact may cause temporary irritation.  
Cause Serious Eye irritation. Eye contact can cause temporary blurred vision.

#### Sensitization to the respiratory tract / Skin

Individuals who have had allergic reactions to products containing the Zinc Oxide component of this product or any other components of this product may experience allergic reactions to this product.

#### Germ Cell mutagenicity

No Data available

# SAFETY DATA SHEET



<b>Carcinogenicity</b>	No Data available
<b>Reproductive Toxicity</b>	Studies have not been performed to evaluate the mutagenic, embryo toxic, teratogenic or reproductive toxicity potential of this product.
<b>Specific target Organ toxicity (Single Exposure)</b>	Acute: Occupational Exposure: Skin, eyes. Therapeutic Doses: Skin. Chronic: Occupational Exposure: Skin. Therapeutic Doses: Skin.
<b>Specific target Organ toxicity (Repeated Exposure)</b>	Not Classified
<b>Aspiration Hazard</b>	Not an Aspiration hazard.

## 12. ECOLOGICAL INFORMATION

<b>Toxicity</b>	This product may be harmful to contaminated terrestrial and aquatic plant and animal life, especially in large quantities.
<b>Persistence and degradability</b>	This product has not been tested for persistence or biodegradability.
<b>Bio accumulative potential</b>	No Data available
<b>Mobility in soil</b>	This product has not been tested for soil absorption or mobility.

## 13. DISPOSAL CONSIDERATIONS

<b>Waste treatment methods</b>	<p><b>DISPOSAL METHODS:</b> It is the responsibility of the generator to determine at the time of disposal whether the product meets the criteria of a hazardous waste per regulations of the area in which the waste is generated and/or disposed of.</p> <p><b>DISPOSAL CONTAINERS:</b> Waste materials must be placed in and shipped in appropriate 5-gallon or 55-gallon poly or metal waste pails or drums.</p> <p><b>PRECAUTIONS TO BE FOLLOWED DURING WASTE HANDLING:</b> Wear proper protective equipment when handling waste materials.</p>
--------------------------------	--

# SAFETY DATA SHEET



## 14. TRANSPORT INFORMATION

Non- Dangerous product	
Land Transport (ADR/RID)	Non-regulatory
Inland waterway transport (AND)	Non-regulatory
Sea Transport (IMDG)	Non-regulatory
Air transport (ICAO – TI / IATA – DGR)	Non-regulatory

## 15. REGULATORY INFORMATION

OSHA	Regulated substances (29 CFR1910. 1001-1053)
CERCLA	Hazardous Substances List (40 CFR 302.4) None
SARA	304 Emergency release notification: Not regulated

## 16. OTHER INFORMATION

Date of preparation or Last revision of SDS      August 2022

**Disclaimer:** This information relates to the specific material designated and may not be valid for such material used in combination with any other material or in any process. Such information is to the best of our knowledge and belief, accurate and reliable as of the date compiled. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. **NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE CONCERNING THE INFORMATION HEREIN PROVIDED.** It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use. We do not accept liability for any loss or damage that may occur from the use of this information nor do we offer warranty against patent infringement.