

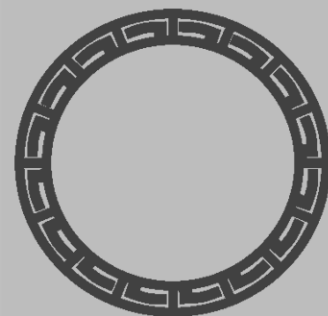
# Material Safety Data Sheet

## Zinc Dryer 16%

Product Code: AC-SI0090

Department:

C.A.S.: 8052-41-3, 136-52-8, 27253-29-8



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### Section: 1 Identification

PRODUCT NAME	16% Zinc dryer
PRODUCT USE	Industrial
CHEMICAL FAMILY	Metal Carboxylate
24 HOUR EMERGENCY NUMBER: CALL	Terrapure Emergency Response 1-800-567-7455

### Section: 2 Hazard Identification

#### SGH Label Elements



## Signal Word

dager

## GHS Classification

Flammable liquids Cat.4  
Skin corrosion/irritation Cat.2  
Reproductive toxicity (the unborn child) Cat.2  
Specific target organ toxicity, repeated exposure Cat.2  
Hazardous to the aquatic environment, long-term hazard Cat.2

## Hazard Statements

Combustible liquid. Causes skin irritation. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure. Toxic to aquatic life with long lasting effects.

## Precautionary Statements

Prevention Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Do not breathe mist or vapor. Wash thoroughly after handling. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.  
Response If on skin: Wash with plenty of water. If exposed or concerned: Get medical advice/attention. If skin irritation occurs: Get medical advice/attention. Take off contaminated clothing and wash before reuse. In case of fire: Use appropriate media to extinguish. Collect spillage.  
Storage Store in a well-ventilated place. Keep cool. Store locked up.  
Disposal Dispose of contents/container in accordance with local/regional/national/international regulations.

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## Section: 3 Composition / Information on Ingredients

HAZARDOUS INGREDIENTS	CAS #	WT. %
Mineral Spirits	8052-41-3	30
Mixed Zinc Carboxylates consisting of:	Mixture	70
Zinc 2-Ethylhexanoate	136-52-8	included above
Zinc Neodecanoate	27253-29-8	included above

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## Section: 4 First-Aid Measures

SKIN CONTACT	If skin is not damaged, wash thoroughly with water and mild soap Remove contaminated clothing and wash before reuse If irritation develops or persists, seek medical attention
EYE CONTACT	Immediately hold eyelids open and flush with water for at least 5 minutes If irritation develops or persists, seek medical attention
INHALATION	Move victim to fresh air If breathing has stopped, perform artificial respiration If breathing is difficult, administer oxygen Seek medical attention
INGESTION	Aspiration hazard Do not induce vomiting or give anything by mouth If victim is not breathing or is unconscious, place on left side with head down If possible, do not leave victim unattended Seek immediate medical attention
NOTES TO PHYSICIAN	No additional remark

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## Section: 5 Fire-Fighting Measures

EXTINGUISHING MEDIA	Dry chemical, carbon dioxide or foam
HAZARDOUS COMBUSTION PRODUCTS	Not available
SPECIAL FIRE FIGHTING PROCEDURES	Evacuate all persons to a safe area If a leak or spill has not ignited, use water spray to disperse vapours Move non-burning material, as feasible, to a safe location as soon as possible Use water spray to keep fire-exposed containers cool and absorb heat Firefighters should wear protective equipment as required
UNUSUAL FIRE / EXPLOSION HAZARDS	Combustible liquid May produce or accumulate static electricity with the risk of causing fire and explosion Forms combustible mixtures with air at or above the flash point Vapours may travel along ground and flashback along vapour trail

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## Section: 6 Accidental Release Measures

### LEAKS AND SPILLS

Absorb with an inert material and place in a chemical waste container Do not allow product to enter sewers or waterways Ventilate area Do not use any combustible materials Use non-sparking tools Stay upwind and away from spill Eliminate sources of ignition For larger spills, dike area and pump into waste containers Wear protective clothing during cleanup

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## Section: 7 Handling And Storage

### STORAGE NEEDS

Do not store in open, unlabeled or mislabeled containers Keep container tightly closed Store away from direct sunlight Outdoor or detached storage preferred Post "NO SMOKING OR OPEN FLAMES" sign Protect containers from physical damage Empty containers should be completely drained and properly bunged Store in a cool, dry, well-ventilated area

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## Section: 8 Exposure Control/Personal Protection

<b>INGREDIENTS</b>	<b>ACGIH TLV TWA STEL</b>	<b>OSHA PEL PEL STEL</b>	<b>NIOSH REL</b>
Mineral Spirits	100 ppm		
Mixed Zinc Carboxylates consisting of:	Not Applicable		
Zinc 2-Ethylhexanoate	Not Indicated		
Zinc Neodecanoate	Not Indicated		
<b>VENTILATION REQUIREMENTS</b>	Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits		
<b>PROTECTIVE EQUIPMENT EYE/TYPE</b>	Chemical goggles Facilities should be equipped with an eyewash station and safety shower		
<b>RESPIRATORY/TYPE</b>	Use appropriate respiratory protection if there is the potential to exceed the exposure limit(s) Determine the appropriate type by consulting the respirator manufacturer		
<b>GLOVES/ TYPE</b>	Nitrile gloves		
<b>CLOTHING/TYPE</b>	If splashing is likely, wear impervious clothing and boots to prevent skin contact		
<b>FOOTWEAR/TYPE</b>	No special footwear is required		
<b>BODY/TYPE</b>	No special protective clothing is required		

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## Section: 9 Physical and Chemical Properties

PHYSICAL STATE	White Liquid
ODOUR	Not available
ODOUR THRESHOLD (ppm)	Not available
pH	Not available
FREEZING POINT ( °C)	Not determined
MELTING POINT (°C)	Not applicable
BOILING POINT (°C)	156-199 C Mineral spirits
FLASH POINT (°C)	377 C
EVAPORATION RATE	Slower than ether
FLAMMABILITY	Class II
UPPER FLAMMABLE LIMIT (% VOL)	8.9 Mineral spirits
LOWER FLAMMABLE LIMIT (% VOL)	0.7 Mineral Spirits
VAPOUR PRESSURE (mm Hg)	2 mmHg @ 20 C Mineral Spirits
VAPOUR DENSITY (AIR=1)	Heavier than air
SPECIFIC GRAVITY	1.04 @ 25 C
SOLUBILITY IN WATER (% W/W)	Not available
COEFFICIENT OF WATER\OIL DISTRIBUTION	Not applicable
AUTO IGNITION TEMPERATURE (°C)	229 C Mineral Spirits
% VOLATILE BY VOLUME	38
% VOLATILE	30

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## Section: 10 Stability And Reactivity

HAZARDOUS POLYMERIZATION	Will not occur
STABILITY	Stable
INCOMPATIBILITY	Strong oxidizing and reducing agents
CONDITIONS TO AVOID	Avoid heat and any source of ignition
SENSITIVITY TO MECHANICAL IMPACT	Not sensitive
SENSITIVITY TO STATIC DISCHARGE	May accumulate static charge by flow or agitation
HAZARDOUS PRODUCTS OF DECOMPOSTION	Carbon monoxide, carbon dioxide and various hydrocarbons Zinc Oxide

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## Section: 11 Toxicological Information

INGREDIENTS	LC50	LD50
Mineral Spirits	Rat 4 hr > 5,500 mg/m3 > 1,300 ppm	Rat 4 hr Oral Rat > 5,000 mg/kg Dermal Rabbit > 3,000 mg/kg
Mixed Zinc Carboxylates consisting of: Zinc 2-Ethylhexanoate Zinc Neodecanoate	Not Applicable Not Indicated Not Indicated	Not Applicable Not Indicated Not Indicated
SIGNAL PHRASE	Combustible Liquid Aspiration hazard Causes respiratory tract irritation	
ROUTE OF ENTRY	Eye contact Skin contact Inhalation Ingestion	
SKIN CONTACT	May cause skin irritation Avoid skin contact	
EYE CONTACT	May cause eye irritation Avoid eye contact	
INHALATION	Breathing small amounts is not likely to be harmful; breathing large amounts may be harmful Avoid inhalation	
INGESTION	Swallowing small amounts is not likely to be harmful; swallowing large amounts may be harmful Aspiration hazard Do not ingest	
MEDICAL CONDITIONS AFFECTED BY EXPOSURE	Pre-existing skin disorders may be aggravated by this material Respiratory disorders	
SIGNS OF OVER EXPOSURE	No additional remark	
TOXICITY EFFECTS ON ANIMALS	Not available	
TOXIC EFFECTS ON HUMANS	Irritating to respiratory tract	
CHRONIC EFFECTS ON HUMANS	No specific information is available in our database regarding the other chronic toxic effects of this material for humans	
TERATOGENICITY	No evidence of teratogen effects	
MUTAGENICITY	No evidence of mutagenic effects	
REPRODUCTIVE EFFECTS	No evidence of reproductive effects	
CARCINOGENICITY	No evidence of carcinogenic effects according to ACGIH or IARC	

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## Section: 12 Ecological Information

ECOTOXICITY DATA	No data
PRODUCTS OF DEGRADATION	No specific information is available in our database regarding the degradation of this product
BIODEGRADABILITY	Our database contains no additional remark on the biodegradation of this product

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## Section: 13 Disposal Considerations

WASTE DISPOSAL	Dispose in a suitable waste treatment facility in compliance with all federal, provincial and local regulations
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## Section: 14 Transport Information

TDG CLASSIFICATION	Not regulated under TDG (Canada) unless shipped over 450 Litres
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## Section: 15 Regulatory Information

CEPA STATUS	All the ingredients are on the DSL list
WHMIS CLASSIFICATION	WHMIS Class B3: Combustible Liquids WHMIS Class D2B: Material causing other toxic effects - Toxic Material

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## Section: 16 Other Information

reference  
prepared by

manufacturer's material safety data sheet  
Kama pigments

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