

Material Safety Data Sheet

24 Hour Assistance
1-847-367-7700
Rust-Oleum Corporation
www.rustoleum.com

Section 1 – Chemical Product / Company Information

Product Name	ZINSSR 10 GRAM 12 PK ADD-2 MILDEWCIDE	Revision Date	02/03/2011
Identification Number	60511		
Product Use/Class	Mildewcide/ Solvent Based		
Supplier	Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA	Manufacturer	Rust-Oleum Corporation 11 Hawthorn Parkway Vernon Hills, IL 60061 USA
Preparer	Regulatory Department		

Section 2 – Composition / Information on Ingredients

<u>Chemical Name</u>	<u>CAS Number</u>	<u>Weight % Less Than</u>	<u>ACGIH TLV-TWA</u>	<u>ACGIH TLV-STEL</u>	<u>OSHA PEL-TWA</u>	<u>OSHA PEL-CEILING</u>
Thiabendazole	148-79-8	55%	N.E.	N.E.	N.E.	N.E.

Section 3 – Hazards Identification

*** Emergency Overview ***: Use ventilation necessary to keep exposures below recommended exposure limits, if any.

Effects Of Overexposure - Eye Contact: Causes eye irritation.

Effects Of Overexposure - Skin Contact: Substance may cause slight skin irritation.

Effects Of Overexposure - Inhalation: Low hazard for usual industrial handling or commercial handling by trained personnel.

Effects Of Overexposure - Ingestion: Substance may be harmful if swallowed.

Effects Of Overexposure - Chronic Hazards: No Information.

Primary Route(s) Of Entry: Skin Contact, Skin Absorption, Inhalation, Ingestion, Eye Contact

Section 4 – First Aid Measures

First Aid - Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes holding eyelids open. Get medical attention. Do NOT allow rubbing of eyes or keeping eyes closed.

First Aid - Skin Contact: Wash with soap and water. Get medical attention if irritation develops or persists.

First Aid - Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention. Do NOT use mouth-to-mouth resuscitation.

First Aid - Ingestion: For larger amounts, do not induce vomiting, but give one or two glasses of water to drink and get medical attention.

Section 5 – Fire Fighting Measures

Flash Point >200°F

Extinguishing Media: Film Forming Foam, Carbon Dioxide, Dry Chemical, Water Fog

Unusual Fire And Explosion Hazards: FLASH POINT IS TESTED TO BE GREATER THAN 200 DEGREES F.

Section 6 – Accidental Release Measures

Steps To Be Taken If Material Is Released Or Spilled: Dispose of according to local, state (provincial) and federal regulations. Do not incinerate closed containers.

Section 7 – Handling And Storage

Handling: Wash thoroughly after handling. Avoid contact with eyes. Wash hands before eating.

Storage: Keep container closed when not in use. Keep from freezing. Avoid extreme heat.

Section 8 – Exposure Controls / Personal Protection

Engineering Controls: Prevent build-up of vapors by opening all doors and windows to achieve cross-ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Respiratory Protection: A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

Skin Protection: Nitrile or Neoprene gloves may afford adequate skin protection. Use gloves to prevent prolonged skin contact.

Eye Protection: Use safety eyewear designed to protect against splash of liquids.

Other protective equipment: Refer to safety supervisor or industrial hygienist for further information regarding

personal protective equipment and its application.

Hygienic Practices: Wash thoroughly with soap and water before eating, drinking or smoking.

Section 9 – Physical and Chemical Properties

Vapor Density	Heavier than Air	Odor:	None
Appearance:	Viscous Liquid	Evaporation Rate:	Slower than Ether
Solubility in Water:	Dispersible	Freeze Point:	N.D.
Specific Gravity:	1.15-1.25	pH:	4.9
Physical State:	Liquid		

Section 10 – Stability and Reactivity

Conditions To Avoid: Avoid contact with strong acid and strong bases.

Incompatibility: Incompatible with strong oxidizing agents, strong acids and strong alkalies.

Hazardous Decomposition: When heated to decomposition, it emits acrid smoke and irritating fumes.

By Fire and thermal Decomposition: Carbon Monoxide, Carbon Oxides, Nitrogen Oxides, Sulfur Oxides, other potential toxic fumes.

Hazardous Polymerization: Will not occur under normal conditions.

Stability: This product is stable under normal storage conditions.

Section 11 – Toxicological Information

Chemical Name
Thiabendazole

LD₅₀
Acute Oral Toxicity
5,070 mg/kg (Rat, Male)

Acute Dermal Toxicity
>2,000 mg/kg (Rabbit)

LC₅₀
Acute Oral Toxicity
3,300 mg/kg (Rat, Male)
Acute Inhalation Toxicity
>500 mg/m³, 4h Rat

Section 12 – Ecological Information

Ecological Information: Product is a mixture of listed components.

Section 13 – Disposal Information

Disposal Information: Dispose of material in accordance to local, state and federal regulations and ordinances. Do not allow to enter storm drains or sewer systems.

Empty Container Precautions: Recondition or dispose of empty container in accordance with Governmental regulations. Do not reuse empty container without proper cleaning

Section 14 – Transportation Information

	Domestic (USDOT)	International (IMDG)	Air (IATA)
Proper Shipping Name:	Not Regulated	Environmentally Hazardous Substance, Liquid, N.O.S. (contains 2-(4-Thiazolyl)- 1-H-Benzimidazole <= 98.5%)	Environmentally Hazardous Substance, Liquid, N.O.S. (contains 2-(4-Thiazolyl)- 1-H-Benzimidazole <= 98.5%)
Hazard Class:	N.A.	9	9
UN Number:	N.A.	UN3082	UN3082
Packing Group:	N.A.	III	III
Limited Quantity:	No	No	No
Marine Pollutant		Marine Pollutant	Marine Pollutant

Section 15 – Regulatory Information

CERCLA – SARA Hazard Category

This product has been reviewed according to the EPA “Hazard Categories” promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD CHRONIC HEALTH HAZARD

SARA Section 313:

Listed below are the substances (if any) contained in this product that are subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

Toxic Substances Control Act:

Listed below are the substances (if any) contained in this product that are subject to the reporting requirements of TSCA 12 (B) if exported from the United States:

Chemical Name

CAS Number

None

U.S. State Regulations:**New Jersey Right-to-Know:**

The following materials are nonhazardous, but are among the top five components in this product:

<u>Chemical Name</u>	<u>CAS Number</u>
Thiabendazole	148-79-8
Water	7732-18-5

Pennsylvania Right-to-Know:

The following non-hazardous ingredients are present in the product at greater than 3%:

<u>Chemical Name</u>	<u>CAS Number</u>
None	

International Regulations:**Canadian WHMIS:**

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

Canadian WHMIS Class: D2B

Section 16 – Other Information

NFPA Ratings: Health: 1 Flammability: 1 Instability: 0

Volatile Organic Compounds, g/L: N.D.

Reason for Revision: Regulatory Update

Abbreviations: N.A. – Not Applicable N.D. – Not Determined N.E. – Not Established

Rust-Oleum Corporation believes, to the best of its knowledge, information and belief, the information contained herein to be accurate and reliable as of the date of this material safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. Rust-Oleum Corporation makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.