

Material Safety Data Sheet

Product: CS-250 Zinc Stearate Dispersion

Revision Date: Jan 10, 2011

Section 1. Chemical Product and Company Identification

MANUFACTURER / SUPPLIER:

Crystal, Inc. - PMC
601 W. 8th St.
Lansdale, Pa. 19446

Information Telephone: 215-368-1661
24-Hour Emergency Telephone (Chemtrec): 800-424-9300

PRODUCT NAME: CS - 250
CHEMICAL FAMILY: Dispersion
FORMULA: Mixture
CAS NUMBER: Mixture

Section 2. Composition / Information on Ingredients

<u>MATERIAL</u>	<u>CAS NUMBER</u>	<u>AMOUNT</u>
Zinc Stearate	557-05-1	15 – 25 %
Isopropyl Alcohol	67-63-0	5 – 10 %
Dipropylene Glycol Methyl Ether (DPGME)	34590-94-8	1 – 3 %

Other ingredients in this mixture are non-hazardous.

Section 3. Hazards Identification

POTENTIAL HEALTH EFFECTS:

INHALATION: None expected
EYE: May cause irritation..
SKIN: May cause irritation.
INGESTION: Unknown

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

None Known

Section 4. First Aid Measures

INHALATION:

Not applicable

EYE CONTACT:

Promptly flush with water, holding the eyelids apart, for 15 minutes. Seek medical attention.

SKIN CONTACT:

Wash contaminated skin with mild soap and water.

INGESTION:

May cause nausea or vomiting.

NOTES TO PHYSICIAN (INCLUDING ANTIDOTES):

Treat symptomatically.

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DPGME PEL 100 ppm
STEL 150 ppm

Section 9. Physical and Chemical Properties

VAPOR DENSITY (AIR=1): NA
SOLUBILITY (in water) slight
VAPOR PRESSURE (25 C) NA
APPEARANCE white paste, characteristic odor

Section 10. Stability and Reactivity

STABILITY:

Stable

CONDITIONS TO AVOID:

Excessive heat

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITY (MATERIALS TO AVOID):

Strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS:

Carbon dioxide, carbon monoxide, various hydrocarbons, and products from incomplete combustion.
Decomposition products depend on the conditions of heating or burning.

Section 11. Toxicological Information

None available

IS CHEMICAL LISTED AS A CARCINOGEN OR POTENTIAL CARCINOGEN?

<u>IARC</u>	<u>NTP</u>	<u>OSHA</u>
No	No	No

Section 12. Ecological Information

NO DATA

Section 13. Disposal Considerations

WASTE DISPOSAL METHOD:

Care must be taken when using or disposing of chemical materials and/or their containers to prevent environmental contamination. It is your duty to dispose of chemical materials and/or their containers in accordance with all federal, state and local regulations.

Empty container may contain flammable/explosive vapors. Do not cut or weld near this container. Keep away from heat, sparks, and flames.

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Section 5. Fire Fighting Measures

FLASH POINT (METHOD USED):

None

FLAMMABLE LIMITS IN AIR (% BY VOLUME)

LEL: N/A

UEL: N/A

EXTINGUISHING MEDIA:

Water Spray, Carbon Dioxide, Foam, or Dry Chemical

SPECIAL FIRE FIGHTING PROCEDURES:

Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

Product contains particulate suspended in water. If applied in a manner that the water component is removed and particulate becomes airborne a dust explosion hazard may arise. Static charges on powders or powders and liquids may ignite in combustible atmospheres. See NFPA Bulletin 654, "Prevention of Fires and Dust Explosions in the Chemical Dye, Pharmaceutical and Plastics Industries" for safe handling procedures.

Section 6. Accidental Release Measures

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED:

Shovel material into appropriate container and dispose of in accordance with local, state and federal regulations.

Section 7. Handling and Storage

HANDLING:

In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid contact with eyes.

STORAGE:

Indoors. Keep away from heat, sparks, and flames.

Section 8. Exposure Controls / Personal Protection

ENGINEERING CONTROLS:

VENTILATION:

Not normally required, general room ventilation is satisfactory.

PERSONAL PROTECTIVE EQUIPMENT:

EYE PROTECTION:

Safety Glasses with side shields.

SKIN PROTECTION:

Not normally required..

RESPIRATORY PROTECTION:

Not normally required when used at normal temperatures

OTHER PROTECTIVE EQUIPMENT:

Not normally required

PERMISSIBLE EXPOSURE LIMITS:

Nuisance dust	PEL	15 mg/m ³
Respirable dust	PEL	5 mg/m ³
Isopropyl Alcohol	PEL	400 ppm
	STEL	500 ppm

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Section 14. Transport Information

U.S. DOT SHIPPING NAME: Not Regulated
U.S. DOT HAZARD CLASS: Not Regulated

Section 15. Regulatory Information

Ingredients contained in this product are in compliance with TSCA.

Components reportable under SARA Title III: Zn compounds, isopropyl alcohol

Section 16. Other Information

The information contained herein are based upon data believed to be correct. However no guarantee or warranty of any kind either expressed or implied is made with respect to the information contained herein. We assume no responsibility for any loss, damage, or expense, direct or indirect, arising out of its use.