



Safety Data Sheet (SDS)

Revision / Review Date: 5/18/15

1. Chemical Product and Company Identification

Product Name:	CS-254
Distributed By:	HB Chemical 1665 Enterprise Parkway Twinsburg Oh 44087 Phone - 330-920-8023
SDS Prepared By (w Suppliers Input):	HB Chemical
Chemical Name / Family:	Not available
Molecular Formula:	Not available
Molecular Weight via GPC, Mn:	Not available
Product Use:	Waxes
OSHA Status:	Not available
CAS No:	34590-94-8, 557-05-1

For emergency health, safety, and environmental information, calls 330-920-8023

For emergency transportation information, in the United States: call CHEMTREC at 800-424-9300

2. Hazard(s) Identification

<u>Warning:</u>	Not available.
<u>Signs and Symptoms of Exposure:</u>	May cause nausea or vomiting.
<u>Primary Routes of Entry:</u>	Inhalation and eyes.
<u>Medical Conditions Generally Aggravated by Exposure:</u>	None Known.
<u>Eye Contact:</u>	May cause irritation to the eyes.
<u>Skin Contact:</u>	May cause irritation to the skin.
<u>Ingestion:</u>	May cause irritation to the digestive system. May cause nausea or vomiting.
<u>Inhalation:</u>	May cause irritation to the respiratory tract.
<u>HMIS Hazard Ratings:</u>	Not available.
<u>HMIS limitation statement:</u>	The HMIS hazard ratings numbers are meant to give a quick indication of the relative hazards associated with the product. All of the information contained in the SDS should be consulted to assist with the safe handling of this material.
<u>Principal Hazardous Components:</u>	Nuisance dust PEL 15 mg/m ³

Respirable dust PEL	5 mg/m ³
DPGME PEL	100 ppm
STEL	150 ppm

3. Composition / Information on Ingredients

Weight Percent / Typical	Component Identity	CAS Registry Number
20 – 30 %	Zinc Stearate	557-05-1
1 – 3 %	Dipropylene Glycol Methyl Ether (DPGME)	34590-94-8
1 – 5 %	Proprietary Surfactants	N/A

4. First Aid Measures

<u>Inhalation:</u>	If symptoms develop, move victim away from exposure and into fresh air. Administer oxygen if breathing is difficult.
<u>Eyes:</u>	Promptly flush with water, holding the eyelids apart, for 15 minutes. Seek medical attention.
<u>Skin:</u>	Wash contaminated skin with mild soap and water.
<u>Ingestion:</u>	Seek medical attention. May cause nausea or vomiting.

5. Fire-Fighting Measures

<u>Suitable Extinguishing Media:</u>	Water Spray, Carbon Dioxide, Foam, or Dry Chemical.
<u>Special Fire Fighting Procedures:</u>	Self-contained breathing apparatus and protective clothing should be worn when fighting fires involving chemicals. Watch footing on floors and stairs because of possible melting and spreading of material.
<u>Hazardous Combustion Products:</u>	None known.
<u>Unusual fire and explosion hazards:</u>	Melts in proximity to sources of heat or fire which can cause slippery floors and steps. Dense smoke may be generated while burning. Static charges on powders or powders and liquids may ignite in combustible atmospheres.

6. Accidental Release Measures

<u>Steps to be taken in case material is spilled:</u>	Shovel material into appropriate container and dispose of in accordance with local, state and federal regulations.
<u>Environmental Disposal Information:</u>	Do not let material enter water ways.

<u>Waste Disposal:</u>	Reclaim or dispose of in accordance with local, state, and federal regulations.
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7. Handling and Storage:

<u>Empty Containers:</u>	Empty container may contain flammable/explosive vapors.
<u>Precautions to be taken in handling:</u>	In accordance with good industrial practice, handle with care and avoid unnecessary personal contact. Avoid contact with eyes.
<u>Storage:</u>	Do not cut or weld near this container. Keep away from heat, sparks, and flames.

8. Exposure Controls / Personal Protection

<u>Exposure Controls:</u>	Not available.
<u>Respiratory Protection:</u>	Not normally required when used at normal temperatures.
<u>Ventilation:</u>	Not normally required, general room ventilation is satisfactory.
<u>Hand Protection:</u>	Wear gloves.
<u>Eye Protection:</u>	Safety Glasses with side shields.
<u>Skin and Body Protection:</u>	Wear impervious clothing.
<u>Other Precautions:</u>	Wash with soap and water before eating, drinking or using toilet facilities. Launder contaminated clothing before reuse.
<u>Decontamination Facilities:</u>	Eye bath, washing facilities (sinks / showers).

9. Physical and Chemical Properties

<u>Physical Form:</u>	Solid
<u>Appearance & Odor:</u>	White paste/ Characteristic odor
<u>Specific Gravity:</u>	Not available.
<u>Softening Point, R&B:</u>	Not available.
<u>Solubility in Water:</u>	Slight
<u>Flash Point, TAG CC F:</u>	Not available.
<u>Percent Volatiles (by weight):</u>	Not available.
<u>Evaporation Rate (Water ~ I):</u>	Not available.

<u>Vapor Pressure (mm Hg):</u>	Not available.
<u>Vapor Density (Air ~ 1):</u>	Not available.
<u>Boiling Point (°F) Initial:</u>	Not available.
<u>Auto ignition Temperature, °C:</u>	Not available.
<u>Flammable Limits, %(V):</u>	Not available.

10. Stability and Reactivity

<u>Stability:</u>	This product is stable under normal conditions.
<u>Incompatibility (Materials to Avoid):</u>	Strong oxidizing agents.
<u>Conditions to Avoid:</u>	Excessive heat
<u>Hazardous Polymerization:</u>	Hazardous polymerization will not occur.
<u>Hazardous Decomposition products:</u>	Carbon dioxide, carbon monoxide, various hydrocarbons, and products from incomplete combustion. Decomposition products depend on the conditions of heating or burning.

11. Toxicological Information

This material is not listed as a carcinogen or potential carcinogen by NTP, IARC, or OSHA.

Nuisance dust	PEL	15 mg/m ³
Respirable dust	PEL	5 mg/m ³
DPGME	PEL	100 ppm
	STEL	150 ppm

12. Ecological Information

No data available.

13. Disposal Considerations

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.

14. Transport Information

D.O.T. Shipping Name: Not Regulated.

Air - ICAO (international Civil Aviation Organization): Not regulated.

Sea - IMDG (International Maritime Dangerous Goods): Not regulated.

15. Regulatory Information

All components of this material are on the TSCA Inventory.

All components of this material are on the Canadian DSL.

16. Other Information

The above information has been compiled from what we believe to be credible sources. To our knowledge the information is accurate and reliable, however, it is not guaranteed. Any recommendations issued by HB Chemical personnel or literature is derived from experience and by no means should be taken as fact or construed as a recommendation to violate of any law, regulation or patent. It is the users responsibility to determine the suitability of any HB supplied material in their application. The individual conditions of each customer are well outside of our control and we cannot be held liable for its functionality and use. Please contact our office should you need specific information beyond what is supplied above. As with all Chemical usage safety precautions beyond the stated are highly recommended.