

material safety data sheet (in compliance with 29 CFR 1910.1200)

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SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: ACCELERATOR ZBEC POWDER-D

Manufactured for and supplied by:

Harwick Standard Distribution Corporation

60 South Seiberling Street

P.O. Box 9360

Akron, Ohio 44305-0360

Telephone #:

330-798-9300 Date prepared:

Preparer:

October 2, 2009 Health, Safety & Environment

Product Use:

Accelerator

SECTION 2 - COMPOSITION / INFORMATION ON INGREDIENTS					
Components Chemical Identity	CAS Number	LD50 of Ingredient	LC50 of Ingredient	<u>%</u>	
Zinc Dibenzyldithiocarbamate	14726-36-4			96	
White Mineral Oil (pdr-d only)	8042-47-5			1-2	

SECTION 3 - HAZARD(S) IDENTIFICATION

Primary routes of exposure:

inhalation **☑** eye contact ☑ ingestion

Emergency Overview: WARNING! Combustible dust – explosion potential. Keep away from heat, sparks, and flame.

Potential Health Effects: This material is irritating to skin, eyes, and respiratory tract. May cause alcohol intolerance.

SECTION 4 - FIRST AID MEASURES

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, get immediate medical attention.

Ingestion: If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

Skin contact: Remove contaminated clothing, wash skin with water, using soap if available. Launder clothing before reuse. Get medical attention if irritation persists

Eye contact: In case of contact, immediately flush eyes with plenty of water while lifting and lowering eyelids for at least 15 minutes and get medical attention if irritation persists.

Notes to Physician: Provide symptomatic/supportive care as necessary. Exposure by ingestion, inhalation or skin absorption may cause alcohol intolerance (antabuse effect).



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SECTION 5 - FIRE FIGHTING MEASURES

Flash point (method):

392°F

Extinguishing media:

Water fog, carbon dioxide, foam, and dry chemical.

Special fire fighting procedures: Fight fire from a safe distance and from a protected location. Use water spray to cool fire exposed surfaces. Decomposition in fire may produce toxic gases. Do not allow runoff to enter waterways.

Unusual fire and explosion hazards:

Toxic emissions may result if product is involved in a fire. May

form flammable air/dust mixtures.

Hazardous combustion products:

Carbon monoxide. Oxides of nitrogen. Oxides of sulfur. Toxic zinc

metal fumes.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Leak & Spill Procedure: Wear protective equipment specified. Avoid the generation of dust. Sweep, vacuum, or shovel and place into closable container for disposal. Isolate area and remove sources of friction, impact, heat, low level electrical current, and RF energy. Scoop up and remove solids. Do NOT spread spilled product with water.

SECTION 7 - HANDLING AND STORAGE

Handling: Avoid contact with eyes, skin and clothing. Avoid generating or breathing dust. Wash thoroughly with soap and water after handling. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Reclose containers of unused product. Keep containers tightly closed when not in use. Do not reuse this container.

Storage: Store closed containers in a cool, dry, well-ventilated area. Store away from strong oxidizing materials. Avoid exposure to direct sunlight.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: Nuisance Dust. OSHA PEL/8Hr-TWA = 15 mg/m3 (Total Dust). OSHA PEL/8-Hr TWA = 05 mg/m3 (Respirable Dust). ACGIH TLV/8-Hr TWA = 10 mg/m3. White Mineral Oil OSHA PEL/8-Hr TWA = 5mg/m3 ACGIH TLV/8-Hr TWA = 5mg/m3.

Respiratory protection (specify type): A NIOSH/MSHA approved respirator above PEL or TLV, and/or an organic vapor respirator for vapors or mists.

Ventilation:

local exhaust:

Recommended to minimize exposure.

mechanical (general):

Recommended to minimize exposure.

Protective gloves: Impervious

Eye protection: Chemical goggles



Aquatic Toxicity:

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Skin	protection:	Normal work coveralls.	Launder contaminated clothing	before reuse.

Work/hygienic practices: Good hygienic practices should be observed.
SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Boiling point:	Not available	Specific gravity:	1.42 @ 20°C
Freezing point:	Not available	pH:	Not available
Vapor pressure (mm Hg):	Negligible @ 20°C	Odor threshold (ppm):	Not available
Vapor density (AIR=1):	Not available	Coefficient of water/oil distribution:	Not available
Solubility in water:	Practically insoluble	Evaporation rate:	Not available
Appearance/Physical state:	Powder / granules	Odor:	Slight
Form:	Solid	Color:	White - off white

SECTION 1	O-STABILITY 8	REACTIVITY					
Stability	stable:						
	unstab	ie:					
	to avoid (cond. nts such as liquid		• •		rks and flame	. Avoid cont	tact witl
Incompatib	oility (materials	to avoid): Str	ong oxidizing age	nts. Acids.			
Hazardous Toxic zinc me	decomposition of the decomposi	or byproducts:	Carbon mone	oxide. Oxides	of nitrogen. O	xides of sul	fur.
Hazardous	polymerization	may occur will not oc					
SECTION 1:	1 - TOXICOLOGI	CAL INFORMA	TION				
Acute: mild eye irrit		nol intolerance (A	ntabuse Effect). I	May cause an	allergic skin r	eaction. Cau	ıses
Chronic:.	May cause skin	defatting with pro	olonged exposure				
<u>Carcinogenicity:</u> This product, or one of its ingredients present at 0.1% or more, is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC or OSHA. NOTE: May react with nitrosating agents during rubber vulcanization to form nitrosamines. Some nitrosamines are suspect human carcinogens.							
NTP		ARC 🗆	OSH	\	ACGIH		
Reproductive toxicity: Not Determined. Similar compounds show no effects in animal studies. SECTION 12 - ECOLOGICAL INFORMATION							
	z = ECOLUGICAL	THE ORMALLUI	Market Control				

Acute Fish Toxicity: 96Hr EC50 Zebra Fish: >10 mg/t.



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SECTION 13 - DISPOSAL CONSIDERATIONS

Waste disposal method:

In accordance with federal, state, and local regulations.

SECTION 14 - TRANSPORTATION INFORMATION

Special shipping information:

Not DOT regulated.

SECTION 15 - REGULATORY INFORMATION

TSCA Inventory Status:

Chemical components are listed on the TSCA inventory.

SARA 313

This product contains the following toxic chemical(s) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:
As "Zinc Compounds"; De Minimis concentration = 1.0%.

SARA Sections 311 & 312

Superfund Amendments & Reauthorization Act of 1986 Title III: Immediate (acute)

RCRA status

The following chemical components are listed under (40 CFR 261): Not a RCRA waste.

FDA Status 21 CFR: Regulated for Use under the following 21 CFR sections:

177.2600 Rubber Articles Intended for Repeated Use in

Food Contact. 175.105 Components of Adhesives.

HMIS Classification: HEALTH

2, FLAMMABILITY

REACTIVITY

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SECTION 16 - OTHER INFORMATION

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Harwick Standard Distribution Corporation

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