



SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFIER: ACCELERATOR DCBS GRS

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: October 10, 2011
Preparer: Health, Safety & Environment
Product Use: Accelerator

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

Components

Chemical Identity **CAS Number** **%**

Chemical Identity	CAS Number			%
N,N-Dicyclohexyl-2-benzothiazolesulfenamide	4979-32-2			96-99
Mercaptobenzothiazole Disulfide	120-78-5			0-1
Dicyclohexylamine	101-83-7			<0.5

SECTION 3 - HAZARD(S) IDENTIFICATION

Primary routes of exposure:

Inhalation Skin contact Eye contact Skin absorption Ingestion

Emergency Overview: WARNING! Combustible dust – explosion potential! Causes mild eye irritation and moderate skin irritation. Inhalation of dust may cause respiratory tract irritation. May be harmful if swallowed.

Potential Health Effects: Eye contact causes mild eye irritation. Symptoms can include redness, swelling, pain and tearing. Skin contact causes moderate skin irritation. Symptoms can include redness, swelling, itching and dryness. May cause an allergic skin reaction. Illness may occur after a single swallowing or relatively large quantities of this material. Inhalation may cause mild respiratory irritation. Inhalation may irritate the mouth, nose and throat. Symptoms can include soreness of the nose and throat, coughing and sneezing.

SECTION 4 – FIRST AID MEASURES

Inhalation: Remove person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, seek 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 soap and water. Launder clothing before reuse. Seek medical attention if irritation persists



Eye contact: In case of eye contact, immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

SECTION 5 – FIRE FIGHTING MEASURES

Flash point (method): Not Determined

Extinguishing media: Use water fog, carbon dioxide, foam, or dry chemical to extinguish.

Special fire fighting procedures: Fight fire from a safe distance and from a protected location. For firefighting, use a Positive Pressure Demand Full Face Self Contained Breathing Apparatus. Use water spray to cool fire exposed surfaces. Combustible dust when in a finely divided and highly suspended state. Decomposition in fire may produce toxic gases. Do not allow runoff to enter waterways.

General Hazards: Toxic emissions may result if product is involved in a fire. Fire produces carbon monoxide and carbon dioxide gases.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

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

SECTION 7 - HANDLING AND STORAGE

Handling: Good hygienic practices should be observed. 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. Re-close 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. Store away from heat. Store away from heat, sparks and flame. Avoid exposure to direct sunlight. Do not store near Crystex Insoluble Sulfur.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Airborne Exposure Limits: Nuisance Dust OSHA PEL/8hr-TWA = 15 mg/m³ (Total Dust)
OSHA PEL/8hr-TWA = 05 mg/m³ (Respirable Dust)
ACGIH TLV/8-hr TWA = 10mg/m³

Respiratory protection (specify type): A NIOSH/MSHA approved respirator above PEL or TLV, and/or an organic vapor respirator for vapors or mists when applied engineering controls are not adequate to protect against inhalation exposure.

Ventilation: **Local exhaust:** Recommended to minimize exposure.



Mechanical (general): Recommended to minimize exposure.

Protective gloves: Impervious
Eye protection: Safety glasses or goggles
Skin protection: Normal work coveralls. Launder contaminated clothing before reuse.

SECTION 9 – PHYSICAL & CHEMICAL PROPERTIES

Boiling point:	Decomposes before boiling	Specific gravity:	1.2 @ 25°C
Melting point:	100°C - 105°C	Molecular weight:	Not determined
Freezing point:	Not determined	pH:	Not applicable
Vapor pressure (mm Hg):	Negligible	Odor threshold (ppm):	Not determined
Vapor density (AIR=1):	Not applicable	Coefficient of water/oil distribution:	Not determined
Solubility in water:	Insoluble	Evaporation rate:	Not available
Appearance/Physical state:	Granules	Odor:	Mild amine
Form:	Solid	Color:	Off-white

SECTION 10 - STABILITY & REACTIVITY

Stability Stable:
 Unstable:

Stable when stored at room temperature in closed, original container. Stable under normal conditions of handling, use and transportation. Stable if protected from heat and exposure to air. Loses potency with time. Protect from moisture.

Incompatible and Conditions to avoid: Keep away from heat, sparks and flame.

Special Sensitivity: Amine vapors can cause insoluble sulfur to revert to soluble form.

Hazardous decomposition or byproducts: Carbon monoxide. Oxides of nitrogen. Oxides of sulfur. Amines.

Hazardous polymerization May occur:
 Will not occur:

SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity Ingestion: >5000 mg/kg (Rat)



SECTION 12 - ECOLOGICAL INFORMATION

Aquatic Fish Toxicity: No information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste disposal method: In accordance with federal, state, and local regulations. Empty containers should be handled in a manner not to cause dusting during collection, transportation and disposal. If empty container retains product residue, all label precautions must be observed. Store away from ignition sources. Transport with all closures in place. Dispose of container 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.

Title III SARA Sections 311 & 312 Hazard Categories: Immediate Delayed

Title III SARA Section 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: None known

RCRA Status:

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

FDA Status 21 CFR: Not regulated for use in food contact applications under 21CFR.

HMIS Classification: HEALTH 1 FLAMMABILITY 1 REACTIVITY 0

SECTION 16 - OTHER INFORMATION

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