

SAFETY DATA SHEET

Issue Date 25-Aug-2015 Revision Date 25-Aug-2015 Version 1

1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier  
Product Name  
Other means of identification  
Product Code

DI-COOL  
  
6656

Recommended use of the chemical and restrictions on use.  
Consult your technical service representative for specific use procedures and instructions.  
Uses advised against: Use only as stated on label.

Details of the supplier of the safety data sheet.  
Supplier  
Thermal Dynamics Corporation  
82 Benning Street  
West Lebanon, NH 03784, USA  
Phone: (603) 288-6711

Emergency telephone number.  
Emergency Telephone  
Chemtrec (US & Canada) 800-424-9300  
Chemtrec (outside US & Canada) 703-527-3887

2. HAZARDS IDENTIFICATION

Classification

OSHA Regulatory Status  
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Not classified
Acute toxicity - Dermal	Not classified

Label elements

Emergency Overview  
Warning

Hazard statements  
Causes eye irritation

Appearance Light Yellow	Physical state Liquid	Odor None
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Precautionary Statements - Prevention  
Wash hands and any exposed skin thoroughly after handling.

Precautionary Statements - Response  
Specific Treatment (See Section 4 on the SDS)  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing if eye irritation persists. Get medical advice/attention

Hazards not otherwise classified (HNOC).

Other information  
Unknown Acute Toxicity  
0% of the mixture consists of ingredient(s) of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight-%	Trade Secret
1,2,3-Benzotriazole	95-14-7	< 1.0	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES****First aid measures****Skin Contact**

Wash skin with soap and water.

**Eye contact**

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician

**Inhalation**

Remove to fresh air.

**Ingestion**

Clean mouth with water and drink afterwards plenty of water.

**Most important symptoms and effects, both acute and delayed****Symptoms**

No information available.

**Indication of any immediate medical attention and special treatment needed****Note to physicians**

Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** Caution: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**  
No information available.

**Explosion data**

Sensitivity to Mechanical Impact None.  
Sensitivity to Static Discharge None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures.**

Personal precautions Ensure adequate ventilation, especially in confined areas.

**Environmental precautions**

Environmental precautions See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up.**

Methods for containment Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up**

Pick up and transfer to properly labeled containers.

**7. HANDLING AND STORAGE****Precautions for safe handling**

Advice on safe handling Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

Storage Conditions Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials**

None known based on information supplied.

**8. EXPOSURE CONTROL/PERSONAL PROTECTION****Control parameters****Exposure Guidelines**

This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls****Engineering Controls**

Showers, Eyewash stations & Ventilation systems.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

No special technical protective measures are necessary.

**Skin and body protection**

No special technical protective measures are necessary.

**Respiratory protection**

If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene**

Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties****Physical state**

Liquid

**Appearance**

Light Yellow

**Odor**

None

**Odor threshold**

No information available

**Property**

Values

**Remarks - Method****pH**

5.5 - 6.5

**Melting point/freezing point**

No information available

**Boiling point / boiling range**

No information available

**Flash point**

None

**Evaporation rate**

No information available

**Flammability (solid, gas)**

No information available

**Flammability Limits in Air**

No information available

**Upper flammability limit:**

No information available

**Lower flammability limit:**

No information available

**Vapor pressure**

No information available

**Vapor density**

1.0

**Specific Gravity**

Complete

**Water solubility**

No information available

**Solubility in other solvents**

No information available

**Partition coefficient**

No information available

Autoignition temperature  
Decomposition temperature  
Kinematic viscosity  
Viscosity  
Explosive properties  
Oxidizing properties

No information available  
No information available  
No information available  
No information available  
No information available  
No information available

**10. STABILITY AND REACTIVITY**

Reactivity  
No data available

**Chemical stability**  
Stable under recommended storage conditions.  
**Possibility of Hazardous Reactions**  
None under normal processing.  
Conditions to avoid  
Extremes of temperature and direct sunlight.  
**Incompatible materials**  
None known based on information supplied.  
**Hazardous Decomposition Products**  
None known based on information supplied.

**11. TOXICOLOGICAL INFORMATION**

**Information on likely routes of exposure.**

Product information No data available

Inhalation No data available.

Eye contact No data available.

Skin Contact No data available.

Ingestion No data available.

Chemical Name 1,2,3-Benzotriazole 85-14-7	Oral LD50 = 650 mg/kg ( Rat )	Dermal LD50 > 1 g/kg ( Rat )	Inhalation LC50 = 1910 mg/m <sup>3</sup> ( Rat ) 3 h
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**Information on toxicological effects.**

Symptoms No information available.

**Delayed and immediate effects, as well as chronic effects from short and long-term exposure.**

Sensitization  
Germ cell mutagenicity  
Carcinogenicity  
Reproductive toxicity  
STOT - single exposure  
STOT - repeated exposure  
Aspiration hazard

No information available.  
No information available.  
No information available.  
No information available.  
No information available.  
No information available.

**Numerical measures of toxicity - Product information.**

Unknown Acute Toxicity 0% of the mixture consists of ingredient(s) of unknown toxicity

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity.**

0% of the mixture consists of component(s) of unknown hazards to the aquatic environment

Chemical Name	Algae/aquatic plants	Flsh	Crustacea
1,2,3-Benzotriazole 85-14-7	15.4; 96 h freshwater algae mg/L EC50	39; 96 h Oncorhynchus mykiss mg/L LC50	141.6; 48 h water flea mg/L EC50

**Persistence and degradability**  
No information available.

**Bioaccumulation**  
No information available.

**Other adverse effects.**

No information available

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

Disposal of wastes

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated packaging

Do not reuse container.

**14. TRANSPORT INFORMATION**

DOT

Not regulated

**15. REGULATORY INFORMATION**

International Inventories	
TSCA	Complies
DSL/NDSL	Complies
ENEC/ELINCS	Complies
AICS	Complies

**Legend:**

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory  
DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List  
ENEC/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
AICS - Australian Inventory of Chemical Substances

**US Federal Regulations**

**SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

Acute health hazard	No
Chronic health hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

**CWA (Clean Water Act)**

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This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
1,2,3-Sinetriazole 65-147	-	X	-

U.S. EPA Label Information  
EPA Pesticide Registration Number Not Applicable

**16. OTHER INFORMATION**

**NEPA**

Health hazards 1 Flammability 0 Instability 0 Physical and Chemical Properties Yes

**HMS**

Health hazards 1 Flammability 0 Physical hazards 0 Personal protection N/A

**Issue Date**

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25-Aug-2015

**Revision Note**

No information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet