



Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

	CLASS C: Oxidizing material. CLASS D-2B: Material causing other toxic effects (TOXIC).	HCS CLASS: Oxidizer. HCS CLASS: Irritating substance.
WHMIS (Pictograms)	WHMIS (Classification)	HCS

Section 1. Chemical Product and Company Identification

Product Name/ Trade name	Classic DB	Code 565
Synonym	Dry Powdered Bleach	CAS # Mixture.
Chemical Family	Not available.	Validation Date 5/23/2008
Chemical Formula	N/A	Print Date 5/23/2008
Manufacturer/ Supplier	Betco Corporation 1001 Brown Avenue Toledo, Ohio 43607 (419) 241-2156	In Case of <u>Emergency</u> Chemtrec (800) 424-9300
TSCA	TSCA Inventory: All components listed or are exempt from listing.	
DSL/ NDSL	All components listed unless noted elsewhere on this MSDS	Protective Clothing

Section 2. Composition and Information on Ingredients

Name	CAS #	% by Weight	Exposure Limits	LC ₅₀ /LD ₅₀
Dendritic Sodium Chloride SodiumDichloroisocyanurate Dihydrate Sodium Carbonate	N/A 51580-86-0 497-19-8	>50 10 - 20 5 - 15	Not available. Not available. Not available.	Not available. Not available. Not available.

Section 3. Hazards Identification

Potential Acute Health Effects	This product is a severe eye irritant. Tissue Destruction Possible. Irritating to mouth, throat and stomach. May cause skin irritation.
Potential Chronic Health Effects	Severe over-exposure can produce lung damage, choking, unconsciousness or death. Prolonged exposure may result in skin burns and ulcerations.
Carcinogenic Effects	Not classified or listed by IARC, NTP, OSHA, EU and ACGIH.

Section 4. First Aid Measures

Eye Contact	IMMEDIATELY flush eyes with running water for at least 15 minutes, keeping eyelids open. Seek IMMEDIATE medical attention.
Skin Contact	In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical attention immediately.
Inhalation	Evacuate the victim to a safe area as soon as possible.
Ingestion	Have conscious person drink several glasses of water or milk. DO NOT induce vomiting. Seek IMMEDIATE medical attention.

Section 5. Fire Fighting Measures

Products of Combustion	Not available.
Fire Fighting Media and Instructions	Non-flammable substance.
Special Remarks on Fire Hazards	No additional remark.
Special Remarks on Explosion Hazards	No additional remark.

Section 6. Accidental Release Measures

Small Spill and Leak	Use appropriate tools to put the spilled solid in a convenient waste disposal container.
Large Spill and Leak	Oxidizing material. Pick up solids and put in an appropriate sealed container for later disposal
Personal Protection in Case of a Large Spill	Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

Section 7. Handling and Storage

Precautions	Avoid contact with skin and eyes. After handling, always wash hands thoroughly with soap and water. DO NOT breathe dust. Ensure that eyewash station and safety shower is proximal to the work-station location. If swallowed, seek medical advice immediately and show the container or the label. In case of insufficient ventilation, wear suitable respiratory equipment.
Incompatibility	acids
Storage	Oxidizing materials should be stored in a separate safety storage cabinet or room. Keep out of the reach of children. Not for use or storage in or around the home.

Section 8. Exposure Controls/Personal Protection

Engineering Controls	If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit.
Personal Protection	
<i>Eyes</i>	Safety glasses.
<i>Body</i>	
<i>Respiratory</i>	Wear appropriate respirator when ventilation is inadequate.
<i>Hands</i>	Gloves (impervious).
Protective Clothing (Pictograms)	
Exposure Limits	Not available.

Section 9. Physical and Chemical Properties

Physical State and Appearance	Powdered Solid	Odor	Chlorinated odour.
Molecular Weight	Not applicable.	Taste	Not available.
pH	Not Available	Color	Blue.
Boiling/Condensation Point	Not available.		
Melting/Freezing Point	Not available.		
Critical Temperature	Not available.		

Instability Temperature	Not available.
Specific Gravity	0.923 (Water = 1)
Vapor Pressure	Not applicable.
Vapor Density	Not available.
Volatility	0% (v/v). 0% (w/w).
VOC	0%
Evaporation Rate	Not available.
Dispersion Properties	Dispersed in cold water, hot water, methanol, diethyl ether, n-octanol, acetone.
Solubility	Soluble
The Product is:	Non-flammable.
Auto-ignition Temperature	Not applicable.
Flash Points	Not applicable.
Flammable Limits	Not applicable.
Fire Hazards in Presence of Various Substances	Not applicable.
Explosion Hazards in Presence of Various Substances	Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Section 10. Stability and Reactivity Data

Stability	The product is stable.
Incompatibility with Various Substances	acids
Hazardous Decomposition Products	Not available.

Section 11. Toxicological Information

Routes of Entry	Eye Contact Ingestion. INHALATION Skin contact.
Toxicity to Animals	LD50: Not available. LC50: Not available.
Acute Effects on Humans	
Eyes	Extremely hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.
Skin	Very hazardous in case of skin contact (irritant). Prolonged exposure may result in skin burns and ulcerations. Skin inflammation is characterized by itching, scaling, reddening, or, occasionally, blistering.
Inhalation	Very hazardous in case of inhalation (lung irritant). Over-exposure by inhalation may cause respiratory irritation.
Ingestion	Very hazardous in case of ingestion. Harmful if swallowed.
Chronic Effects on Humans	Severe over-exposure can produce lung damage, choking, unconsciousness or death. Prolonged exposure may result in skin burns and ulcerations.
Special Remarks on Toxicity to Animals	No additional remark.

Special Remarks on Chronic Effects on Humans	No additional remark.
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Section 12. Ecological Information

Ecotoxicity	Not available.
BOD5 and COD	Not available.
Products of Biodegradation	Possibly hazardous short term degradation products are not likely. However, long term degradation products may arise.
Toxicity of the Products of Biodegradation	The products of biodegradation are more toxic than the original product.
Special Remarks on the Products of Biodegradation	No additional remark.

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Waste Stream	Not available.

Section 14. Transport Information

DOT (U.S.A) (Pictograms)	
TDG Classification	Not a TDG controlled material. 
PIN UN, Proper Shipping Name, PG	Compound, Cleaning, Liquid, N.O.I
Maritime Transportation	Not available.
Special Provisions for Transport	Not applicable.

Section 15. Other Regulatory Information and Pictograms

WHMIS (Classification)	CLASS C: Oxidizing material. CLASS D-2B: Material causing other toxic effects (TOXIC).	 
Regulatory Lists	No products were found.	
Other Regulations		
Other Classifications	HCS (U.S.A.)	HCS CLASS: Oxidizer. HCS CLASS: Irritating substance.
	USA Regulatory Lists	Rhode Island RTK hazardous substances: Sodium Dichlorosocynarate Dihydrate Pennsylvania RTK: Sodium Dichlorosocynarate Dihydrate Massachusetts RTK: Sodium Dichlorosocynarate Dihydrate

DSD (EEC)

International Regulations Lists No products were found.

Hazardous Material Information System (U.S.A.)

Health	2
Flammability	0
Physical Hazard	1

National Fire Protection Association (U.S.A.)



The Hazard Ranking systems presented on this MSDS provide only a quick reference for hazard information. The ENTIRE MSDS must be consulted to determine any specific hazards, First Aid measures, and PPE associated with this product.

Section 16. Other Information

Validated by CRushton on 5/23/2008.

Verified by CRushton.

Printed 5/23/2008.

Information Contact Betco Corporation
1001 Brown Avenue
Toledo, Ohio 43607

Notice to Reader:

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Validated on 5/23/2008.

Classic DB

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