





Material Safety Data Sheet

This MSDS is prepared in accordance with OSHA 29 CFR 1910.1200

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

Section 1. Chemical Product and Company Identification

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|--|---|
| Product Name/ Trade name Classic DB | Code 565 |
| Synonym Dry Powdered Bleach | CAS # Mixture. |
| Chemical Family Not available. | Validation Date 11/10/2005 |
| Chemical Formula N/A | Print Date 11/10/2005 |
| Manufacturer/ Supplier Betco Corporation 1001 Brown Avenue Toledo, Ohio 43607 (419) 241-2156 | In Case of Emergency Chemtrec (800) 424-9300 |
| TSCA TSCA Inventory: All components listed or are exempt from listing. | Protective Clothing  |
| DSL/ NDSL All components listed unless noted elsewhere on this MSDS | |

Section 2. Composition and Information on Ingredients

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

Section 3. Hazards Identification

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| 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

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| 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. |

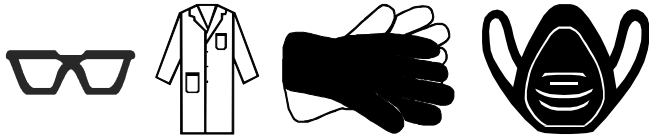
Section 6. Accidental Release Measures

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| 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

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| 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

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|----------------------------------|---|
| 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

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|-------------------------------|-----------------|-------|--------------------|
| 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. | | |

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| 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

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

Section 11. Toxicological Information

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|--------------------------------|--|
| Routes of Entry | Eye Contact Ingestion. INHALATION Skin contact. |
| Toxicity to Animals | LD50: Not available. LC50: Not available. |
| Acute Effects on Humans | <p><i>Eyes</i> Extremely hazardous in case of eye contact (irritant). Inflammation of the eye is characterized by redness, watering, and itching.</p> <p><i>Skin</i> 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.</p> <p><i>Inhalation</i> Very hazardous in case of inhalation (lung irritant). Over-exposure by inhalation may cause respiratory irritation.</p> |

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.

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 TDG Class 5.1: Oxidizing substance.



PIN UN, Proper Shipping Name, PG Not applicable.

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.

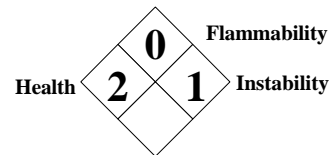
USA Regulatory Lists
Rhode Island RTK hazardous substances: Sodium Dichlorosocynarate Dihydrate
Pennsylvania RTK: Sodium Dichlorosocynarate Dihydrate
Massachusetts RTK: Sodium Dichlorosocynarate Dihydrate

DSD (EEC)

International Regulations Lists No products were found.

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

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|-----------------|---|--|
| Health | 2 | National Fire Protection Association (U.S.A.) |
| Flammability | 0 | |
| Physical Hazard | 1 | |



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.

Specific Hazard

Section 16. Other Information

Validated by CRushton on 11/10/2005.

Verified by CRushton.

Printed 11/10/2005.

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 11/10/2005.

Classic DB

Page: 5/5

Continued on Next Page