

P. W. PERKINS CO., INC.

221 Commissioners Pike – Woodstown, NJ 08098-2032 USA
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SAFETY DATA SHEET

IDENTITY

DECARBITE®

SECTION I - Identification

PRODUCT CODE: DECS120, DECS121, DECS135, DECB122, DECB123, DECB135

MANUFACTURER'S NAME:

P. W. PERKINS CO., INC.
221 COMMISSIONERS PIKE
WOODSTOWN NJ 08098-2032 USA
856-769-3525

EMERGENCY TELEPHONE NUMBER: 1-800-424-9300 (CHEMTREC)
(INTERNATIONAL: CALL CHEMTREC COLLECT 1-703-527-3887)

DATE PREPARED: JANUARY 5, 2015

SECTION II – Hazards Identification

Route(s) of Entry: Inhalation? 4-Extreme
Skin? 4-Extreme
Ingestion? 3-Severe

Health Hazards (Acute and Chronic): Corrosive to all body tissue which it comes in contact. The chronic local effect may consist of multiple areas of superficial destruction of the skin. Inhalation of dust may cause varying degrees of irritation.

Carcinogenicity: NTP? NA; IARC Monographs? NA;
OSHA Regulated? NA Not listed as a carcinogen.

Signs and Symptoms of Exposure: Itching, burning of skin or eyes. Temporary discomfort of breathing passages.

Medical Conditions Generally Aggravated by Exposure: Increased susceptibility to respiratory illness.

Emergency and First Aid Procedures: Flush with water. Seek medical attention. Eyes – flush with large amounts of clean water, followed by boric acid eye wash solution.

SECTION III – Composition/Information on Ingredients

Proprietary formulation indicating CO₂ Adsorbent
Sodium Hydroxide: CAS #1310-73-2; 90 – 95%
Non Fibrous Silicate: CAS #1318-00-9; 5 – 10%

SECTION IV – FIRST AID MEASURES

Inhalation: Supply fresh air. If not breathing, give artificial respiration.

Ingestion: If swallowed, call for doctor immediately. Drink plenty of water and provide fresh air.

Skin contact: Immediately flush skin with plenty of water and soap. Immediately remove any clothing soiled by the product. Wash clothing before reuse.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention immediately.

SECTION V – Fire and Explosion Hazard Data

Flash Point (Method Used): No flash to 550° F ASTM D-56

Flammable Limits: Non flammable

LEL: NA

UEL: NA

Extinguishing Media: Product not combustible. Foam/CO₂ or dry chemical can be used. Direct contact with water can cause a violent exothermic reaction.

Special Fire Fighting Procedures: Protective clothing/self contained breathing apparatus should be worn by fire fighters in area where product is stored.

Unusual Fire and Explosion Hazards: Material is stable (non explosive), nonflammable. Will react with varying degrees of intensity on exposure to water and strong acids.

SECTION VI – Accidental Release Measures

Person-related safety precautions: Wear protective equipment. Keep unprotected persons away.

Measures for environmental protections: Do not allow product to reach sewage systems or any water course. Inform authorities in case of seepage into water course or sewage system.

Measures for cleaning/collecting: Use neutralizing agent. Ensure adequate ventilation. Do not flush with water or aqueous cleansing agents.

SECTION VII – Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Wash area with 1 molar Hydrochloric Acid or use caustic spill kit. Wash with clean water.

Waste Disposal Method: Appropriate disposal should conform with local and state health regulations.

Precautions to Be Taken in Handling and Storing: Wear protective clothing, use adequate ventilation where dust may be generated.

Other Precautions: Respirator, eye protection, gloves, lab coat or other clothing to cover exposed skin area.

SECTION XII – Ecological Information

Do not empty into drains. Do not allow undiluted product or large quantities to reach ground water, water course, or sewage system.

SECTION XIII – Disposal Considerations

Review federal, state, and local government requirements prior to disposal. Whatever cannot be saved for recovery or recycling should be managed in an appropriate waste facility. Dispose of container and unused contents in accordance with federal, state, and local requirements.

SECTION XIV – Transport Information

Domestic (Land, DOT)

DOT Shipping name: Sodium Hydroxide, Solid

DOT ID: UN1823

DOT Hazard Class: 8, corrosive, Packaging Group II

IATA

IATA Shipping name: Sodium Hydroxide, Solid

IATA ID: UN1823

IATA Hazard Class: 8, corrosive, Packaging Group II

IATA Instructions – Passenger/cargo - 859, LTD QTY - 844, Cargo only - 863

SECTION XV– Regulatory Information

HMIS HAZARD RATINGS, Health Hazard 3; Fire Hazard, 0; Reactivity 2

WHMIS Classification: Class E, Corrosive Material

TSCA: On Toxic Substance Control Inventory

Hazardous Substance: RQ 1000 lbs

SARA TITLE III, 311/312: Acute, Reactive

RCRA: Not Regulated

SECTION XVI – Date of Preparation

DATE PREPARED: JANUARY 5, 2015