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MATERIAL SAFETY DATA SHEET

CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Issued By: JEEN INTERNATIONAL CORPORATION
24 MADISON ROAD
FAIRFIELD, NJ 07004
Tel: 973-439-1401

CHEMTREC EMERGENCY TEL#: 800-424-9300
CHEMTREC INT'L EMERGENCY TEL#:703-527-3887
(COLLECT CALLS ACCEPTED)
Latest Revision Date: February 15, 2005

PRODUCT IDENTIFIER: **ALLANTOIN**
CAS Registry Number: 97-59-6, EINECS: 202-592-8
CAS Registry Name: Urea, (2,5-Dioxo, Imidazolidinyl)
Formula: C₄H₆N₄O₃
Molecular Weight: 158.12
Product Use: Personal Care

SECTION 2 – COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

SECTION 3 – HAZARDS IDENTIFICATION

Hazard Overview

Target Organs: None effected
Primary Entry Routes: Not applicable
Acute Health Hazards: Not determined
Chronic Health Hazards: Unknown

Signs and Symptoms of Overexposure

Eye Contact: Not a hazard under normal use conditions
Skin Contact: Not a hazard under normal use conditions
Ingestion: Not a hazard under normal use conditions
Inhalation: Not a hazard under normal use conditions

SECTION 4 – FIRST AID MEASURES

Eye Contact: Flush eyes with copious amounts of water
Skin Contact: Wash with soap and water
Ingestion: Do not induce vomiting. Slowly dilute with 1-2 glasses of water or milk and seek medical attention. Never give anything by mouth to an unconscious person.
Inhalation: If inhaled, remove from area to fresh air. Get medical attention if respiratory irritation develops or if breathing becomes difficult.

SECTION 5 – FIRE FIGHTING MEASURES

NFPA Rating: **Health: 1 Flammability: 0 Reactivity: 0**
Flash Point (deg. F): NA
Extinguishing Media: All standard firefight media
Unusual Fire / Explosion Hazards: Unknown
Special Protective Equipment: Fire fighters should wear full protective clothing, including self-contained breathing equipment
HMIS RATING: **HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0**



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SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures: Use Appropriate protective equipment
Procedure for Cleaning/Absorption: Contain spill with sand or other inert materials

SECTION 7 – HANDLING AND STORAGE

Handling: Wash thoroughly with soap and water after handling
Storage: Hygroscopic Material. Keep containers closed tightly when not in use.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Use in well ventilated area
Respiratory Protection: Use in a well ventilated area
Hand Protection: Use gloves as a standard industrial handling procedure
Eye Protection: Safety glasses

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Crystalline Powder
Color: White
Odor: None-Mild
pH: Not determined
Specific Gravity: Not determined
Boiling Point (deg.F): Not determined
Melting Point (deg.F): 437-446
Vapor Pressure: Not determined
Solubility: 1g in 190 ml H₂O

SECTION 10 – STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions of handling, use and transportation
Hazardous Polymerization: Will not occur
Conditions to Avoid: None anticipated

SECTION 11 – TOXICOLOGICAL INFORMATION

Toxicity Test:
Acute Oral LD50 (mg/kg): No data found
Acute Dermal LD50 (mg/kg): No data found
Acute Inhalation LC50 (mg/l): No data found

SECTION 12 – ECOLOGICAL INFORMATION

Biodegradability: Not determined
Aquatic Toxicity: No data is available on the adverse effects of this material on the environment

SECTION 13 – DISPOSAL CONSIDERATIONS

Disposal of Waste Method: Federal, State and Local disposal laws and regulations will determine the proper waste disposal/recycling/reclamation procedure. Disposal requirements are dependent on the hazard classification and will vary by location and the type of disposal selected.



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SECTION 14 – TRANSPORT INFORMATION

Land Transportation:

DOT (Non-Bulk):
DOT Shipping Name: Not regulated
UN/NA Number: None
Hazard Class: None

DOT (Bulk):

DOT Shipping Name: Not regulated
UN/NA Number: None
Hazard Class: None

Air Transportation (IATA):

Proper Shipping Name: Not regulated
UN Number: None
Hazard Classification: None

Sea Transportation (IMO):

Proper Shipping Name: Not regulated
UN/ID Number: None
Hazard Classification: None

TDG (Canada):

UN Number: Not regulated
Hazard Class: None

SECTION 15 – REGULATORY INFORMATION

TSCA Inventory List: This product and/or its components is listed on TSCA
California Proposition 65 Carcinogens & Reproductive Toxicity (CRT) List: None of the components of this product is listed on CALPROP
WHMIS Ingredient Disclosure List: One or more components of this product is listed on WHMIS Ingredient Disclosure list
Canada DSL Inventory List: This product and/or its components is listed on DSL
Canada NDSL Inventory List: This product and/or its components is not listed on NDSL
Japan Inventory of Existing & New Chemical Substances (ENCS): This product and/or its components is listed on ENCS
Australia Inventory of Chemical Substances (AICS) List: This product and/or its components is listed on AICS
EU EINECS List: This product and/or its components is listed on EINECS
EU ELINCS List: this product and/or its components is not listed on ELINCS

SECTION 16 – OTHER INFORMATION

The information herein is intended for use by persons who have or should obtain professional knowledge and experience in the subjects discussed. JEEN International makes no warranty, express or implied as to the accuracy, completeness or reliability of information herein except that such information is, the best of JEEN International knowledge and belief, accurate as of the date indicated. JEEN International recommends that customers independently test and evaluate its products and their products and processes in which JEEN International products are used in order to decide their safety and effectiveness.