SAFETY DATA SHEET
477002000

SECTION 1: PRODUCT INFORMATION

Product Name: KCL Crystals
Product Number: 477002000
Date Prepared: 8/29/2001
Revision Number: 1

SECTION 2: COMPOSITION/HAZARDOUS INGREDIENTS


EU Classification (1999/45/EC): Not applicable
EU Risk and Safety Phrases: None

SECTION 3: CRITICAL HAZARDS

Man: None determined.
Environment: None determined.

SECTION 4: EMERGENCY FIRST AID PROCEDURES

Emergency First Aid Procedures: Call a physician immediately. Arrange for transport to the nearest ER (emergency room).

While awaiting the physician or transport to the ER:

Inhalation: If it occurs move patient to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

Ingestion: If the patient is conscious, rinse out mouth with water and have the patient drink a glass of water or milk to dilute the material. Transport to hospital for further medical attention.

Skin Contact: Remove any contaminated clothing. Wash off with soap and water. Wash contaminated clothing before re-use.

Eye Contact: In case of eye contact immediately flush eyes with copious amounts of water for at least 15-20 minutes. Rinse thoroughly with plenty of water, also under the eyelids. Transport to hospital for further medical attention.

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SECTION 5: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method Used): None

Flammable Limits: LEL: Not Applicable   UEL: Not Applicable

Extinguishing Media: Use whatever is required for the surrounding area.

Special Fire Fighting Procedures: It is always best to wear a self-contained breathing apparatus.

Unusual Fire and Explosion Hazards: None determined.

SECTION 6: SPILL OR LEAK PROCEDURES

Steps to be taken in case material is released or spilled: Sweep up dry material, avoiding dust, and place in a disposable container. Wipe up area with a damp paper towel and discard.

SECTION 7: HANDLING AND STORAGE

Store at temperature and conditions as indicated on the Product Labels. Avoid contact with the eyes, skin and clothing.

SECTION 8: PERSONAL PROTECTION

Ventilation: Use general room ventilation.

Respiratory Equipment: None required.

Protective Gloves: Standard laboratory latex or rubber gloves.

Eye Protection: Standard laboratory safety glasses recommended. Contact lenses should not be worn in the laboratory.

Other Protective Equipment/Clothing: A laboratory coat or apron is suggested.

SECTION 9: PHYSICAL DATA

Appearance and odor: White granular crystals.

pH: N/D

Specific Gravity (H2O=1): N/D

Boiling Point (F): N/D

Melting Point (F): N/A

Vapor Pressure: N/D
Evaporation Rate: N/D
Solubility in Water: Soluble
N/A = Not Applicable  N/D = Not Determined

SECTION 10: REACTIVITY DATA
Stability: Stable
Conditions to Avoid: None determined.
Substances to Avoid: None determined.
Hazardous Decomposition Products: Not Determined
Hazardous Polymerization: Will Not Occur

SECTION 11: TOXICOLOGICAL INFORMATION
Chronic Effects of Overexposure: None currently known.
Carcinogen or Suspected Carcinogen: None of the components are listed as a carcinogen or suspected carcinogen.
Medical Conditions Aggravated by Exposure: None currently known.
Acute Toxicity:
Inhalation: Inhalation of mists may cause minor respiratory irritation.
Ingestion: Swallowing large amounts may cause gastrointestinal irritation and other possible adverse effects.
Skin Contact: Contact may cause mild irritation.
Eye Contact: Contact may cause irritation.
Acute Toxicity Values: Not applicable

SECTION 12: ECOLOGICAL INFORMATION
Ecological effects of this mixture have not been determined.

SECTION 13: DISPOSAL
Primary Container Type: The product container is HD polyethylene.
Waste Disposal Method: Each disposal facility must determine proper disposal methods to comply with Local, State and Federal Environmental Regulations.

SECTION 14: TRANSPORTATION (IATA REGULATIONS)

Proper Shipping Name: Not regulated
Technical Name: 
UN Number: N/A
Hazard Class and Packaging Group: Not regulated
Label(s): N/A
Packing Instruction (Passenger Aircraft): N/A
Packing Instruction (Cargo Aircraft): N/A
Unit Volume: 100 mL
Primary Container Type: 100 mL Plastic, HD polyethylene
Sales Unit: 1 bottle

SECTION 15: OTHER REGULATORY INFORMATION

Canadian WHMIS Classification: Not a controlled product.
EU Classification (1999/45/EC): Not applicable
EU Risk and Safety Phrases: None

SECTION 16: OTHER INFORMATION

None

Reason for Revision: First issue.
Prepared by: A. Holle, Manager Regulatory Affairs

The opinions expressed herein are those of qualified experts within Bayer Corporation. We believe that the information contained herein is current as of the date of this Material Safety Data Sheet. Since the use of this information and these opinions and the conditions of use of the product are not within the control of Bayer Corporation, it is the users' obligation to assure safe use of the product.