## Material Safety Data Sheet

K ETCHANT GEL: 1 of 2

May be used to comply with OSHA's Hazard Communication Standard. 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Identity(As Used on Label and list): K ETCHANT GEL

Section I

Manufacturer & Distributor Name and Address:

MFG.: KURARAY MEDICAL INC.

1621 SAKAZU, KURASHIKI, OKAYAMA 710-8622, JAPAN

Dist: KURARAY AMERICA, INC.,

101 EAST 52<sup>ND</sup> STREET, 26<sup>TH</sup> FLOOR, NEW YORK, NY 10022 USA Emergency

Telephone Number

(800) 879-1676 Date Prepared

APRIL 25, 2006

Section II — Hazardous Ingredients/Identity Information

Hazardous Components: C. A. S. NO. OSHA PEL ACGIH TLV  $1 \text{ mg/m}^3$  $1 \text{ mg/m}^3$ PHOSPHORIC ACID 7664-38-2

 $80 \text{ mg/m}^3$ N/E COLLOIDAL SILICA 7631-86-9

WATER 7732-18-15 N/E N/E

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICAL OR CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND RE-AUTHORIZATION ACT OF 1986 AND 40 CFR PART

PHOSPHORIC ACID

Section III — Physical/Chemical Characteristics

**Boiling Point** : N/A Vapor Pressure(mmHg) : N/A

Solubility in Water : PARTIALLY INSOLUBLE

Appearance and Color : RED GEL Specific Gravity: 1.28

Melting Point : N/A Evaporation Rate: N/E

Section IV — Fire and Explosion Hazard Data

Flash Point : NONE Flammable Limit LEL: N/A UEL: N/A

Extinguishing Media: N/A

Special Fire Fighting Procedure: N/A Unusual Fire and Explosion Hazards: N/A

Section V — Reactivity Data

Stability Unstable Stable X Incompatibility(Materials to

Avoid):

Alkaline materials, METALS. Hazardous Decomposition or Byproducts: N/E Hazardous Polymerization May Occur Will Not Occur

Abbreviations: N/E - Not Established. N/A - Not Applicable

K ETCHANT GEL: 2 of 2

Section VI — Health Hazard Data

Route(s) of Entry Inhalation? : YES Skin? : YES Ingestion? : YES Health Hazards (Acute and Chronic):

Eye : CORROSIVE. MAY CAUSE SEVERE EYE IRRITATION AND BURNS.

MAY CAUSE PERMANENT TISSUE DAMAGE.

: CORROSIVE, MAY CAUSE SEVERE SKIN IRRITATION. Skin

Inhalation : MIST AND VAPOR MAY CAUSE SEVERE RESPIRATORY SYSTEM IRRITATION.

Ingestion : CORROSIVE. MAY CAUSE SEVERE DIGESTIVE SYSTEM IRRITATION AND BURNS. SYMPTOMS MAY INCLUDE MOUTH AND THROAT PAIN,

NAUSEA, VOMITING POSSIBLY WITH FRESH BLOOD, THIRST, AND TISSUE DAMAGE. Carcinogenicity NTP?: NO

IARC Monograph? : NO OSHA Regulated? : NO Signs and

Symptoms of Exposure:

EYE CONTACT: IRRITATION Emergency and First Aid Procedure:

Eye Contact : FLUSH WITH PLENTY WATER AND CONSULT A PHYSICIAN IMMEDIATELY.

Skin Contact: WASH WITH SOAP AND WATER IMMEDIATELY.

Inhalation : REMOVE TO FRESH AIR

Ingestion : DRINK ONE OR TWO GLASSES OF WATER OR MILK AND CONSULT A

PHYSICIAN.

Mucosal Contact: FLUSH WITH PLENTY WATER. Section VII — Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled:

ABSORB SPILLS WITH INERT MATERIAL AND TRANSFER TO SUITABLE CONTAINER FOR DISPOSAL. Waste Disposal Method:

CAREFULLY NEUTRALIZE AND DISCHARGE TO SEWER AFTER DILUTION WITH WATER IN ACCORDANCE WITH APPLICABLE REGULATIONS.

Precautions to be taken in Handling and Storing:

STORE AT NORMAL ROOM TEMPERATURE OR REFRIGERATED. Other Precautions:

USE ACCORDING TO DIRECTIONS.

CONTACT WITH SKIN, SOFT TISSUE, EYE, AND CLOTHING SHOULD BE AVOIDED.

Section VIII — Control Measures

Respiratory Protection (Specific Type): N/A Ventilation: N/A Local Exhaust

Mechanical: N/A Special Other: N/A Protective Gloves:

WEAR IMPERVIOUS GLOVES TO PREVENT SKIN CONTACT. Eye Protection:

SAFETY GLASSES OR GOGGLES FOR EYE PROTECTION. Other Protective Clothing or Equipment: N/E Work/Hygienic Practices:

USE GOOD PERSONAL HYGENE. Abbreviations: N/E - Not Established. N/A - Not Applicable

The information on this Data Sheet represents our current data and best opinion as to the proper use in handling of this product under normal conditions. Any use of the product which is not in conformance with this Data Sheet or which involves using the product in combination with any other product or any other process is the responsibility of the user.

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