

MATERIAL SAFETY DATA SHEET

PROTEIN STAIN REMOVER

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SECTION I: PRODUCT INFORMATION

TRADE NAME: PROTEIN STAIN REMOVER

SUPPLIER/MANUFACTURER: Collier & Company Ltd, #6. 3135 Universal Dr. Mississauga, ON (416) 201-1010

PREPARATION DATE: November 17, 2004

PRODUCT USE: Cleaning

PRODUCT IDENTITY: Mixture

SECTION II: HAZARDOUS INGREDIENTS

Hazardous Ingredients	Approximate Concentration %	C.A.S. N.A. or U.N. Numbers	"Exposure Limits"	LD50/LC50 Specify Specifies and Route
Nonionic Surfactant	1-5	9016-45-9	N/AV	LD50 (Oral Rat) 3000 Mg/Kg LC50 (Dermal Rabbit) 2830Mg/Kg
Diethylene Glycol	3-7	111-46-6	N/AV	LD50 (Oral Rat) 12.6 G/Kg
Triethanol Amine	1-5	102-71-6	N/AV	LD50 (Oral Rat) 4000Mg/KG

SECTION III: PHYSICAL DATA

ODOR AND APPEARANCE: FAINTLY SWEET, CLEAR COLORLESS

PHYSICAL STATE: LIQUID

ODOR THRESHOLD: N/AV

SPECIFIC GRAVITY: 1.0

VAPOR PRESSURE: N/AV

VAPOR DENSITY: N/AV

EVAPORATION RATE: N/AV

BOILING POINT: 100 °C

FREEZING POINT: 0 °C

% VOLATILE BY VOLUME: 60-100

PH: 11.0 ±5

DENSITY (g/ml): 1.0

COEFFICIENT OF WATER/OIL DISTRIBUTION: N/AV

WATER SOLUBILITY: SOLUBLE

SECTION IV: FIRE AND EXPLOSION DATA

CONDITIONS OF FLAMMABILITY: Not Flammable

MEANS OF EXTINCTION: N/AP

FLASHPOINT & METHOD OF DETERMINATION: N/AP

UPPER FLAMMABLE LIMIT: N/AP

LOWER FLAMMABLE LIMIT: N/AP

AUTO-IGNITION TEMPERATURE: N/AP

HAZARDOUS COMBUSTION PRODUCTS: N/AP

EXPLOSION DATA-SENSITIVITY TO MECHANICAL IMPACT: N/AP

EXPLOSION DATA-SENSITIVITY TO STATIC DISCHARGE: N/AV

SECTION V: REACTIVITY DATA

CONDITION UNDER WHICH THE PRODUCT IS CHEMICALLY UNSTABLE: Stable

NAME OF ANY SUBSTANCE OR CLASS OF

SUBSTANCE WITH WHICH THE PRODUCT IS INCOMPATIBLE: Strong Oxidizing Agents

CONDITIONS OF REACTIVITY: Avoid Strong Oxidizing & Reducing Agents

HAZARDOUS DECOMPOSITION PRODUCTS: Smoke & fumes when heated to decomposition

SECTION VI: TOXICOLOGICAL PROPERTIES

ROUTE OF ENTRY: Skin Contact, Skin Absorption, Eye Contact, Ingestions.

EFFECTS OF ACUTE EXPOSURE TO PRODUCT: Irritating to skin and eyes. Will cause nausea and vomiting. May cause dermatitis.

EFFECTS OF CHRONIC EXPOSURE TO PRODUCT: Skin irritation or dermatitis may occur.

EXPOSURE LIMITS: N/AV

IRRITANCY OF PRODUCT N/AV

SENSITIZATION TO PRODUCT: N/AV

CARCINOGENITY: No Known Systemic Effects

REPRODUCTIVE TOXICITY: No Known Systemic Effects

TERATOGENICITY: No Known Systemic Effects

MUTAGENICITY: No Known Systemic Effects

NAME OF TOXICOLOGICALLY SYNERGISTIC PRODUCTS: N/AV

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SECTION VII: PREVENTATIVE & FIRST AID MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Plastic gloves, air respirator if mist, eye goggles
ENGINEERING CONTROLS: General Ventilation
PROCEDURES TO BE FOLLOWED IN CASE OF A LEAK OR SPILL: Flush with water or absorb & save for disposal according to Federal, Provincial & Municipal By-Laws
WASTE DISPOSAL: Small amount- municipal sewer, large amount dispose according to Federal, Provincial & Municipal By-Laws
HANDLING PROCEDURES AND EQUIPMENT: No special precautions
STORAGE REQUIREMENTS: Store in a cool place where possible
SPECIAL SHIPPING INFORMATION:

SECTION VIII: FIRST AID MEASURES

IN CASE OF EYE & SKIN CONTACT: Wash skin with soap and water. Flush eye with water.
IF INHALED: N/AV IF INGESTED: Induce vomiting and take to hospital emergency room.
PHYSICIAN:

SPECIAL PRECAUTIONS

One should always use chemicals with awareness of potential hazards, known and unknown, and their effect on the human - system. We urge users to minimize employee exposure to all chemicals, including this product and to keep the level of exposure commensurate with good industrial hygiene practices.

PREPARATION INFORMATION

PREPARED BY: Collier & Company Ltd. PHONE NUMBER: (416) 201-1010
24 HOUR EMERGENCY NUMBER: CANUTEC 1-613-996-6666

DISCLAIMER OF LIABILITY

The manufacturer and seller warrants that this product conforms to its standard specifications when used according to directions. As the conditions or methods of use are beyond our control, we do not assume any responsibility and expressly disclaim all expressed or implied warranties of merchantability or of liability from the use of this product. The information contained herein, as of this date, is believed to be true and accurate, but it is the user's obligation to study the MSDS and determine the conditions for the safe use of this product.
