

MATERIAL SAFETY DATA SHEET

VALUE PRODUCTS INC 2765 SCOTT BLVD SANTA CLARA, CA 95050
 PRODUCT CODE: 1160

REVISION : 3
 DATE ISSUED: 04-17-00
 SUPERSEDES : 10/20/93

SECTION I PRODUCT IDENTIFICATION

PRODUCT NAME : BRILLIANT ENZYME
 CHEMICAL NAME : ALKALINE-SURFACTANT BLEND
 FORMULA : PROPRIETARY
 DOT HAZARD CLASS : NONE

HAZARD RATING (NEPA 704) HAZARD RATING PROTECTIVE EQUIPMENT
 HEALTH: 1 0=MINIMAL A=GOGGLES
 FIRE: 0 1=SLIGHT B=GOGGLES, GLOVES
 REACTIVITY: 0 2=MODERATE C=GOGGLES, GLOVES, APRON
 PROTECTIVE EQUIPMENT: B 3=SERIOUS D=GOGGLES, GLOVES, APRON, FACE SHIELD
 4=SEVERE E=GOGGLES, GLOVES, RESPIRATOR

CHEMTREC'S 24 HOUR EMERGENCY TELEPHONE NUMBER 800-424-9300

SECTION II HAZARDOUS INGREDIENTS

SUBSTANCES LISTED IN THIS SECTION ARE THOSE IDENTIFIED AS BEING PRESENT AT A CONCENTRATION OF 1% OR GREATER, OR 0.1% IF THE SUBSTANCE IS ON THE LIST OF POTENTIAL CARCINOGENS CITED IN OSHA HAZARD COMMUNICATION STANDARD.

MATERIAL	CAS#	AMOUNT (WT.%)	TLV	PEL
(CONTAINS NO HAZARDOUS INGREDIENTS)				

SECTION III PHYSICAL DATA

BOILING POINT (°F): NOT APPLICABLE VOLATILE : NOT APPLICABLE
 VAPOR PRESSURE (AIR=1): NA SOLUBILITY IN WATER: COMPLETE
 VAPOR DENSITY (AIR=1): NA SPECIFIC GRAVITY: NA
 EVAPORATION RATE (WATER=1): NA PH 1% SOLUTION: 11.3-11.7
 DESCRIPTION: BLUE GRANULAR POWDER

SECTION IV FIRE AND EXPLOSION HAZARDS

FLASH POINTS: NON-COMBUSTIBLE METHOD USED: C.C.C.
 EXTINGUISHING MEDIA: WATER SPRAY, FOAM, CARBON DIOXIDE.
 UNUSUAL FIRE OR EXPLOSIVE HAZARD: NONE KNOWN.

SECTION V HEALTH HAZARD DATA

SIGNS AND SYMPTOMS OF EXPOSURE (SKIN, EYE CONTACT, INHALATION, INGESTION)

EYE CONTACT : MAY CAUSE IRRITATION, REDNESS, TEARING.
 INHALATION : NO DATA AVAILABLE TO INDICATE THAT AIRBORNE DUST IS A HEALTH HAZARD.
 INGESTION : CAN CAUSE NAUSEA, VOMITING AND GASTROINTESTINAL UPSET.
 SKIN CONTACT : IRRITATION UPON PROLONGED CONTACT.

FIRST AID MEASURES

EYE CONTACT : IMMEDIATELY FLUSH EYES WITH LOTS OF RUNNING WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION IF IRRITATION PERSISTS.

INHALATION : REMOVE TO FRESH AREA.

INGESTION : DRINK LARGE QUANTITIES OF WATER AND SEEK MEDICAL ATTENTION IMMEDIATELY.

SKIN CONTACT : WASH SKIN WITH WATER. IF IRRITATION OCCURS AND PERSISTS SEEK MEDICAL ATTENTION AS NEEDED.

SECTION VI**REACTIVITY DATA**

STABILITY: STABLE

INCOMPATIBILITY(MATERIALS TO AVOID): STRONG ACIDS, OXIDIZERS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: NONE CURRENTLY KNOWN.

HAZARDOUS DECOMPOSITION: NONE KNOWN.

SECTION VII**SPILL OR LEAK PROCEDURES**

CLEAN-UP PROCEDURES: SWEEP, SCOOP, VACUUM SPILLS AND TRANSFER TO DRY, SEALABLE CONTAINERS FOR DISPOSAL. FLUSH CONTAMINATED AREAS WITH WATER.

RECOMMENDED WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION VIII**SPECIAL PROTECTION DATA**

RESPIRATORY PROTECTION : DUST MASK IF AIRBORNE EXPOSURE IS EXCESSIVE.

EYE PROTECTION : SAFETY GLASSES.

PROTECTIVE CLOTHING : FULL-LENGTH CLOTHING.

VENTILATION : LOCAL EXHAUST VENTILATION

OTHER PROTECTIVE MEASURES: EYEWASH FOUNTAIN.

SECTION IX**SPECIAL PRECAUTION**

HYGIENIC PRACTICES IN HANDLING STORING: WASH THOROUGHLY AFTER HANDLING.

PRECAUTION TO BE TAKEN IN HANDLING AND STORING: STORE IN COOL, DRY, VENTILATED AREAS.

DISPOSAL OF EMPTY CONTAINER: EMPTY CONTAINERS SHOULD BE TRIPLE RINSED WITH WATER AND DISPOSED OF PURSUANT TO LOCAL, STATE, AND FEDERAL REQUIREMENTS.

SECTION X**USER'S RESPONSIBILITY**

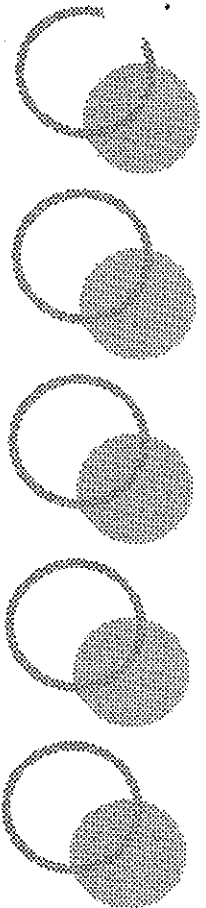
THE RESPONSIBILITY TO PROVIDE A SAFE WORKPLACE REMAINS WITH THE USER. THE USER SHOULD CONSIDER THE HEALTH HAZARD AND SAFETY INFORMATION CONTAINED HEREIN AS A GUIDE AND SHOULD TAKE THOSE PRECAUTIONS REQUIRED IN AN INDIVIDUAL OPERATION TO INSTRUCT EMPLOYEES AND DEVELOP WORK PRACTICE PROCEDURES FOR A SAFE WORK ENVIRONMENT.

THE INFORMATION CONTAINED HEREIN, TO THE BEST OF OUR KNOWLEDGE AND BELIEF, IS ACCURATE. HOWEVER, SINCE THE CONDITIONS OF HANDLING AND USE ARE BEYOND OUR CONTROL, WE MAKE NO GUARANTEE OF RESULTS, AND ASSUME NO LIABILITY FOR DAMAGES INCURRED BY USE OF THIS MATERIAL. IT IS THE RESPONSIBILITY OF THE USER TO COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

REVISION

10/20/93
04/17/00

REVISED SPILL AND LEAK PROCEDURES. ADDED DISPOSAL OF EMPTY CONTAINERS.
REVISED EMERGENCY PHONE NUMBER



BRILLIANT

PRESOAK

DESCRIPTION

Brilliant Silver Presoak is an enzyme activated light blue medium alkaline powder, designed for use as a presoak for silverware and silver table service. It also removes tarnish and stains from silver plate and sterling silver utensils. When used as directed, Brilliant will not harm fine and precious silver. An excellent pre-soak, it quickly penetrates and saturates soils for their removal in the dishwashing machine. Brilliant dissolves readily and produces excellent cleaning results in both hard and soft water supplies. Brilliant detarnishing procedure removes sulphur type tarnish and stains with an easy application in a soak solution utilizing aluminum foil. A high quality product, Brilliant provides economical use costs and problem solving results.

RECOMMENDED USES

Use to remove black sulphur type tarnish on all silver and silver plated utensils. Rinse thoroughly after use.

SPECIFICATIONS

Appearance:
Light Blue,
Free-Flowing Powder

Odor:
Slight

Solubility:
Fast, Complete

Foam:
Moderate

Wetting:
Excellent

pH of 1% solution:
10.2

Biodegradable:
Yes

DIRECTIONS

Pre-soak: To soften soil material on silverware, presoak all silver in a 1 to 2 oz. per gallon of water solution of Brilliant prior to machine washing.

Safety Reminder

Before using this or other products, make sure your employees read and understand the product label and the Material Safety Data Sheet.