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**[SECTION I - IDENTIFICATION OF PRODUCT ]**

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TRADE NAME : BUC-2 BRANSON JEWELRY CLEANER  
CHEMICAL FAMILY: ALKALI CLEANER  
DATE PREPARED : 12/01/95  
DOT CLASS: CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S., 8, II  
UN3266 (CONTAINS SODIUM METASILICATE)

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**[SECTION II - HAZARDOUS INGREDIENTS ]**

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HAZARDOUS COMPONENTS	OSHA PEL	ACGIH	TLV	OTHER LIMITS	%
SODIUM METASILICATE	2 MG/M3	2 MG/M3	6834-92-0		
2-BUTOXYETHANOL	25 PPM (SKIN)		111-76-2		

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**SECTION 313 - SUPPLIER NOTIFICATION**

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING & COMMUNITY RIGHT TO KNOW ACT OF 1986 & OF 40 CFR 372:

**CAS #**	CHEMICAL NAME	% BY WGT	
111-76-2	2-BUTOXYETHANOL	< 5	[This Information ]
			[must be included ]
			[in all MSDS that ]
			[are copied/distr- ]
			[ibuted for this ]
			[Material. ]

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**[SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS ]**

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BOILING POINT : > 212 F  
SPECIFIC GRAVITY (H20=1) : 1.07  
SOLUBILITY IN WATER : COMPLETE  
APPEARANCE : CLEAR RED LIQUID  
ODOR : CHARACTERISTIC  
VAPOR PRESSURE (mmHg) : N.E.  
VAPOR DENSITY (Air=1) : N.E.  
EVAPORATION RTE (Butyl Act=1): N.E.

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**[SECTION IV - FIRE AND EXPLOSION HAZARD DATA ]**

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FLASH POINT : NONE  
EXTINGUISHING MEDIA : AS REQUIRED BY SURROUNDING FIRE  
SPECIAL FIRE FIGHTING PROCEDURES:  
WEAR SELF-CONTAINED FULL-FACE BREATHING APPARATUS

UNUSUAL HAZARDS :  
NONE KNOWN

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**[SECTION V - REACTIVITY DATA ]**

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STABILITY : STABLE  
CONDITIONS TO AVOID : EXTREME TEMPERATURES  
POLYMERIZATION : WILL NOT OCCUR  
CONDITIONS TO AVOID : NONE  
INCOMPATIBLE MATERIALS : STRONG ACIDS AND OXIDIZERS  
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS  
CO, CO2

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[SECTION VI - HEALTH HAZARDS DATA ]

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THRESHOLD LIMIT VALUE : NOT ESTABLISHED

CARCINOGENICITY :

NTP :NO

IARC MONOGRAPHS : NO

OSHA REGULATED : NO

HEALTH HAZARDS ACUTE/CHRONIC :

MODERATE TO SEVERE IRRITATION AND POSSIBLE TISSUE DAMAGE TO EYES DEPENDING ON EXPOSURE. NAUSEA, VOMITING AND DIARRHEA MAY OCCUR UPON INGESTION. PROLONGED SKIN CONTACT MAY CAUSE MODERATE IRRITATION, DEFATTING AND DERMATITIS.

EMERGENCY FIRST AID PROCEDURES:

INHALATION :

MOVE TO FRESH AIR. CONSULT PHYSICIAN IF SYMPTOMS PERSIST.

INGESTION :

GIVE LARGE QUANTITIES OF WATER THEN SEVERAL GLASSES OF MILK.

INDUCE VOMITING. GET MEDICAL ATTENTION IMMEDIATELY.

EYE CONTACT:

FLUSH EYES IMMEDIATELY WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES

LIFTING THE EYELIDS OCCASIONALLY. GET MEDICAL ATTENTION.

SKIN CONTACT:

REMOVE CONTAMINATED CLOTHING AND WASH WITH PLENTY OF SOAP AND

WATER.

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[SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE. STEPS TO BE TAKEN ]  
IN CASE MATERIAL IS RELEASED OR SPILLED:

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CONTAIN LARGE SPILLS AND PUMP TO RECOVER. SMALL SPILLS CAN BE  
MOPPED UP. FLUSH CONTAMINATED AREA WITH WATER.

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

PRECAUTIONS TO TAKE IN HANDLING & STORAGE:  
STORE IN A COOL, DRY PLACE. KEEP CONTAINER CLOSED  
WHEN NOT IN USE. KEEP OUT OF REACH OF CHILDREN.

OTHER PRECAUTIONS:  
OVEREXPOSURE TO 2-BUTOXYETHANOL MAY CAUSE KIDNEY,  
LIVER & RED BLOOD CELL INJURY. MAY PENETRATE SKIN.

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[SECTION VIII- CONTROL MEASURES ]

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RESPIRATORY PROTECTION : ONLY W/O ADEQUATE VENTILATION  
VENTILATION : EQUIVALENT TO OUTDOORS  
PROTECTIVE GLOVES : RECOMMENDED  
EYE PROTECTION : RECOMMENDED  
OTHER PROTECTIVE MEASURES :  
WASH HANDS THOROUGHLY AFTER USE.

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DISTRIBUTOR : ABC COMPOUNDING CO., INC.  
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INFORMATION CONTAINED ON THIS MATERIAL SAFETY DATA SHEET IS ACCURATE. THE  
SUG-  
GESTED PROCEDURES ARE BASED ON EXPERIENCE AS OF DATE OF PUBLICATION. THEY  
ARE  
NOT NECESSARILY ALL INCLUSIVE NOR FULLY ADEQUATE IN EVERY CIRCUMSTANCE.  
ALSO,  
THE SUGGESTIONS SHOULD NOT BE CONFUSED WITH, NOR FOLLOWED IN VIOLATION OF  
ANY  
APPLICABLE LAWS, REGULATIONS, RULES OR INSURANCE REQUIREMENTS.

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