

MATERIAL SAFETY DATA SHEET

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VALUE PRODUCTS INC 2128 INDUSTRIAL DRIVE STOCKTON, CA 95206

PRODUCT CODE: 2275

REVISION :
DATE ISSUED: 08/01/03
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SECTION I PRODUCT IDENTIFICATION

PRODUCT NAME : SANI-BLUE
CHEMICAL NAME : QUATERNARY AMMONIUM COMPOUND
FORMULA : PROPRIETARY
DOT HAZARD CLASS : NONE

HAZARD RATING (NFPA 704)

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

CHEMTRAC'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

ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	CAS#	TLV	REL
ALKYL DIMETHYL ETHYLBENZYL AMMONIUM CHLORIDE	68391-01-5		NOT ESTABLISHED
	98956-79-6		NOT ESTABLISHED

SECTION III PHYSICAL DATA

BOILING POINT : 210 °F
VAPOR PRESSURE (AIR=1) : >1
VAPOR DENSITY: (AIR=1) : >1
EVAPORATION RATE (WATER=1) : 1
PH CONCENTRATE: 6.0-8.0
DESCRIPTION: DARK BLUE LIQUID

VOLATILE : 90%
SOLUBILITY IN WATER: COMPLETE
SPECIFIC GRAVITY: 0.97-0.99
VISCOSITY: WATER THIN

SECTION IV FIRE AND EXPLOSION HAZARDS

FLASH POINT (°F): NON-COMBUSTIBLE
EXTINGUISHING MEDIA: FOAM, CARBON DIOXIDE, DRY CHEMICALS.
FIRE-FIGHTING PROCEDURES: USE WATER SPRAY TO COOL FIRE-EXPOSED CONTAINERS AND TO DISPERSE VAPORS. WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE CLOTHING.
UNUSUAL FIRE OR EXPLOSIVE HAZARD: PRODUCTS OF COMBUSTION ARE TOXIC. HEATED SOLVENT VAPORS, HEAVIER THAN AIR, MAY TRAVEL ALONG THE GROUND AND BE IGNITED BY IGNITION SOURCES. EXPLOSIVE MIXTURES CAN FORM WITH AIR.

METHOD USED: C.O.C.

SECTION V HEALTH HAZARD DATA

SIGNS AND SYMPTOMS OF EXPOSURE (SKIN, EYE CONTACT, INHALATION, INGESTION)
EYE CONTACT : CORROSIVE. SEVERE EYE DAMAGE CAN RESULT FROM DIRECT CONTACT.
INHALATION : IRRITATION OF MUCOUS MEMBRANE CAN BE CAUSED BY SOLVENT VAPORS OR MISTS OF PRODUCTS.
INGESTION : MAY BE FATAL. BURNING PAIN IN THE MOUTH, THROAT, ABDOMEN, SEVERE SMELLING OF THE LARYNX, SKELETAL MUSCLE PARALYSIS AFFECTING THE ABILITY TO BREATHE, CIRCULATORY SHOCK, CONVULSIONS.
SKIN CONTACT : SEVERE IRRITATION.

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FIRST AID MEASURES

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EYE CONTACT :

IMMEDIATELY FLUSH EYES WITH LOTS OF RUNNING WATER FOR 15 MINUTES. HOLD EYELIDS APART TO ENSURE RINSING OF THE ENTIRE SURFACE OF THE EYES AND LIDS WITH WATER. SEEK MEDICAL ATTENTION IMMEDIATELY. REMOVE TO FRESH AREA. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING STOPS, GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM AND GET MEDICAL ATTENTION.

INGESTION :

IF SWALLOWED DRINK PROMPTLY, A LARGE QUANTITY OF EGG WHITES, GELATIN SOLUTION OR, IF THESE ARE NOT AVAILABLE, DRINK LARGE QUANTITIES OF WATER. AVOID ALCOHOL. CALL A PHYSICIAN IMMEDIATELY. NOTE TO PHYSICIAN: PROBABLE MUCOSAL DAMAGE MAY CONTRAINDICATE THE USE OF GASTRIC LAVAGE. REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAPS AND LOTS OF WATER. IF IRRITATION OCCURS AND PERSISTS SEEK MEDICAL ATTENTION AS NEEDED. LAUNDRY CONTAMINATED CLOTHING BEFORE REUSE.

SKIN CONTACT :

SECTION VI**REACTIVITY DATA**

STABILITY: STABLE UNDER NORMAL STORAGE AND HANDLING
INCOMPATIBILITY (MATERIALS TO AVOID) : STRONG ACIDS, OXIDIZERS, ALDEHYDES, HALOGENS OR HALOGEN COMPOUNDS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.
CONDITIONS TO AVOID: HIGH TEMPERATURE.

HAZARDOUS DECOMPOSITION: TOXIC CARBON MONOXIDE, CARBON DIOXIDE, AMMONIA, HYDROGEN CHLORIDE, CARBON NITROUS OXIDE.

SECTION VII**SPILL OR LEAK PROCEDURES**

CLEAN-UP PROCEDURES: AVOID CONTACT WITH EYES. WEARS PROTECTIVE CLOTHING. BE SURE THAT THE SPILLED AREA IS FREE FROM FIRE OR EXPLOSIVE HAZARD. SPILL SHOULD BE IMMEDIATELY STOPS. CONTAIN SPILL WITH INERT MATERIAL THEN TRANSFER TO SEALABLE CONTAINERS FOR DISPOSAL. PREVENT FROM ENTERING DRAINS, SEWERS, STREAMS, OR OTHER BODIES OF WATER. PREVENT SPREADING OF CONTAMINATED AREAS. IF RUN-OFF OCCURS, NOTIFY AUTHORITIES AS REQUIRED.

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

SECTION VIII**SPECIAL PROTECTION DATA**

RESPIRATORY PROTECTION : NONE REQUIRED IF GOOD VENTILATION IS MAINTAINED.

EYE PROTECTION :

SAFETY/CHEMICAL SPLASH GOGGLES.

PROTECTIVE CLOTHING : FULL-LENGTH CLOTHING, RUBBER GLOVES AND BOOTS.

VENTILATION :

ADEQUATE LOCAL EXHAUST

OTHER PROTECTIVE MEASURES: EYEWASH AND SAFETY SHOWER.

SECTION IX**SPECIAL PRECAUTION**

HYGIENIC PRACTICES IN HANDLING STORING: WASH THOROUGHLY AFTER HANDLING. DO NOT SMOKE, DRINK, EAT IN THE WORKING AREAS.
PRECAUTION TO BE TAKEN IN HANDLING AND STORING: STORE IN COOL, DRY, VENTILATED AREAS, AWAY FROM HEAT, SPARKS, AND FLAME.
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: