

MATERIAL SAFETY DATA SHEET

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VALUE PRODUCTS INC 2128 INDUSTRIAL DRIVE STOCKTON, CA 95206

PRODUCT CODE: 2275

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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)	HAZARD RATING	PROTECTIVE EQUIPMENT
HEALTH: 3	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#	TLV	PEL
ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE	68391-01-5		NOT ESTABLISHED
ALKYL DIMETHYL ETHYLBENZYL AMMONIUM CHLORIDE	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: 7.0-8.0
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.

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 : BURNING PAIN IN THE MOUTH, THROAT, ABDOMEN, SEVERE SWELLING OF THE LARYNX, SKELETAL MUSCLE PARALYSIS AFFECTING THE ABILITY TO BREATHE, CIRCULATORY SHOCK, CONVULSIONS.
SKIN CONTACT : MAY CAUSE IRRITATION UPON CONTACT.

FIRST AID MEASURES

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.
INHALATION : REMOVE TO FRESH AREA. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF BREATHING STOPS, GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM AND GET MEDICAL ATTENTION.
INGESTION : CALL A POISON CONTROL CENTER OR DOCTOR IMMEDIATELY FOR TREATMENT ADVICE. HAVE A PERSON SIP A GLASS OF WATER IF ABLE TO SWALLOW. DO NOT INDUCE VOMITING UNLESS TOLD TO DO SO BY A POISON CONTROL CENTER OR DOCTOR. DO NOT GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.
SKIN CONTACT : REMOVE CONTAMINATED CLOTHING. RINSE SKIN IMMEDIATELY WITH PLENTY OF WATER FOR 15-20 MINUTES. CALL A POISON CONTROL CENTER OR DOCTOR FOR TREATMENT ADVICE.

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.