

**MATERIAL SAFETY DATA SHEET**

**VALUE PRODUCTS, INC.**

**2128 INDUSTRIAL DRIVE, STOCKTON, CA 95206**

PRODUCT CODE: 1298

REVISION : 4  
DATE ISSUED: 12/18/06  
SUPERSEDES : 02/27/02

**SECTION I**

**PRODUCT IDENTIFICATION**

PRODUCT NAME : **SUN WHITE BLEACH 6.0%**

CHEMICAL NAME : CHLORINE-CONTAINED DETERGENT

FORMULA : PROPRIETARY

DOT HAZARD CLASS : NONE

HAZARD RATING (NFPA 704)

HEALTH: 2

FIRE: 0

REACTIVITY: 2

SPECIAL: NONE

HAZARD RATING SCALE

0=MINIMAL

1=SLIGHT

2=MODERATE

3=SERIOUS

4=SEVERE

*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
TRICHLOROCYANURIC ACID	87-90-1	6.0	0.5 PPM	1.0 PPM

**SECTION III**

**PHYSICAL DATA**

BOILING POINT (°F) : NOT APPLICABLE

VAPOR PRESSURE: NON-VOLATILE

VAPOR DENSITY: (AIR=1): NA

EVAPORATION RATE: NA

DESCRIPTION: WHITE GRANULAR POWDER, CHLORINE ODOR

MELTING POINT(°F): NA

SOLUBILITY IN WATER: COMPLETE

SPECIFIC GRAVITY: NA

VISCOSITY: NA

**SECTION IV**

**FIRE AND EXPLOSION HAZARDS**

FLASH POINTS: NON-FLAMMABLE

METHOD USED: C.C.C.

EXTINGUISHING MEDIA: WATER. DO NOT USE ABC DRY CHEMICAL EXTINGUISHER SINCE THERE IS POTENTIAL FOR VIOLENT REACTION. FIREFIGHTERS SUBJECT TO PRODUCTS OF DECOMPOSITION SHOULD WEAR FULL PROTECTIVE CLOTHING AND SELF-CONTAINED BREATHING APPARATUS. CHLORINE CONTAINING GASES WITH TRACE OF PHOSGENE CAN BE LIBERATED AT TEMPERATURE IN EXCESS OF 400 °F. DECONTAMINATE FIREFIGHTING EQUIPMENTS AFTER THE INCIDENT.

UNUSUAL FIRE OR EXPLOSIVE HAZARD: A SMALL QUANTITY OF WATER, IF REACT WITH THIS PRODUCT, WILL FORM HAZARDOUS QUANTITIES OF NITROGEN TRICHLORIDE WHICH IS VIOLENTLY EXPLOSIVE.

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**SECTION V****HEALTH HAZARD DATA**

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

EYE CONTACT : CAN CAUSE PAINFUL BURNING SENSATION, IRRITATION, REDNESS, OR TEARING. SERIOUS INJURY MAY INCLUDE EYE DAMAGE.

INHALATION : BREATHING DUST OR FUME IS EXPECTED TO BE A PRIMARY ROUTE OF EXPOSURE AND MAY PRODUCE THROAT AND RESPIRATORY TRACT IRRITATION.

INGESTION : WILL RESULT IN BURNING OF MOUTH, THROAT AND ESOPHAGUS, ABDOMINAL DISTRESS AND SEVERE IRRITATION. CORROSION OF THE DIGESTIVE TRACT IS ALSO LIKELY.

SKIN CONTACT : WILL CAUSE IRRITATION. CORROSION OF THE SKIN IS LIKELY IF THE MATERIAL IS NOT PROMPTLY REMOVED.

***FIRST AID MEASURES***

EYE CONTACT : IMMEDIATELY AND IMPERATIVELY FLUSH EYES WITH LOTS OF RUNNING WATER FOR AT LEAST 15 MINUTES, LIFTING THE UPPER AND LOWER EYELIDS TO ENSURE FLUSHING OF THE ENTIRE SURFACE. SEEK MEDICAL ATTENTION IMMEDIATELY.

INHALATION : REMOVE TO FRESH AREA. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. IF NOT BREATHING, GIVE MOUTH-TO-MOUTH RESUSCITATION. IF SYMPTOM DEVELOPS, SEEK MEDICAL ATTENTION IMMEDIATELY.

INGESTION : DO NOT INDUCE VOMITING. DRINK LARGE QUANTITIES OF WATER OR MILK. IF VOMITING OCCURS SPONTANEOUSLY, KEEP AIRWAY CLEAR AND GIVE MORE WATER. CONTACT A PHYSICIAN IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. AVOID ALCOHOL.

SKIN CONTACT : IMMEDIATELY BRUSH OFF EXCESS CHEMICAL AND WASH SKIN WITH LOTS OF SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND SHOES; WASH BEFORE REUSE. IF IRRITATION OCCURS AND PERSISTS SEEK MEDICAL ATTENTION.

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**SECTION VI****REACTIVITY DATA**

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STABILITY: STABLE

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG ALKALINE, SURFACTANT, HYDRATED CHEMICALS. ALSO AVOID CONTACT OF WATER ON CONCENTRATED PRODUCT STORED IN CONTAINER. HYPOCHLOROUS ACID AND CYANURIC ACID MAY BE FORMED. ALSO AVOID CONTACT WITH EASILY OXIDIZABLE ORGANIC MATERIALS; AMMONIA, UREA, OR NITROGEN CONTAINING COMPOUND; INORGANIC REDUCING COMPOUND; HYPOCHLORITE COMPOUNDS.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID: HEAT AND MOISTURE.

HAZARDOUS DECOMPOSITION: CHLORINE-CONTAINING GAS AND TRACE OF PHOSGENE CAN BE PRODUCED AT TEMPERATURE GREATER THAN 400 °F OR WHEN THE PRODUCT IS CONTAMINATED WITH SMALL QUANTITY OF WATER/MOISTURE.

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**SECTION VII****SPILL OR LEAK PROCEDURES**

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CLEAN-UP PROCEDURES: KEEP SPILLED MATERIALS DRY. TEAR-PRODUCING VAPORS MAY BE LIBERATED IF THE SPILL IS ALLOWED TO BE DAMP OR WET. WEAR PROTECTIVE EQUIPMENTS INCLUDING SELF-CONTAINED BREATHING APPARATUS, SAFETY GLASSES, RUBBER GLOVES, BOOTS, AND FULL-LENGTH CLOTHING. COLLECT AS SOLID WASTE. SHOVEL, SWEEP, SCOOP, OR VACUUM AND PLACE MATERIAL IN DRY, SEALABLE CONTAINERS FOR DISPOSAL. IF SPILLED MATERIAL IS WET, DISPOSAL DRUMS SHOULD BE LEFT OPEN TO DISPERSE ANY NITROGEN TRICHLORIDE. AVOID DUSTING. KEEP UNNEUTRALIZED SPILLED MATERIALS OFF SEWERS, WATERSHEDS, SURFACE WATER SYSTEM. THIS PRODUCT IS TOXIC TO FISH.

RECOMMENDED WASTE DISPOSAL METHOD: DISPOSE OF MATERIAL IN LANDFILL AS SOLID HAZARDOUS SUBSTANCE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. ENSURE THAT ALL APPLICABLE AGENCIES RECEIVE PROPER NOTIFICATION OF SPILL AND DISPOSAL METHODS.

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**SECTION VIII****SPECIAL PROTECTION DATA**

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RESPIRATORY PROTECTION : NIOSH-APPROVED RESPIRATOR FOR DUST AND MIST.  
EYE PROTECTION : CHEMICAL GOGGLES.  
PROTECTIVE CLOTHING : RUBBER GLOVES, APRON. FULL-LENGTH CLOTHING AND SAFETY SHOES.  
VENTILATION : LOCAL MECHANICAL EXHAUST VENTILATION  
OTHER PROTECTIVE MEASURES: EYEWASH SHOULD BE NEARBY AND READY FOR USE.

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**SECTION IX****SPECIAL PRECAUTION**

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HYGIENIC PRACTICES IN HANDLING STORING: WASH THOROUGHLY AFTER HANDLING.

PRECAUTION TO BE TAKEN IN HANDLING AND STORING: STORE IN COOL (<158 °F), DRY, VENTILATED AREAS. KEEP CONTAINER TIGHTLY CLOSED. DO NOT ALLOW WATER TO GET INTO CONTAINERS. KEEP CONTAINERS OFF WET FLOOR. DO NOT TRANSPORT WET MATERIALS. DO NOT CONTAMINATE WATER, FOOD. THIS MATERIAL WILL UNDERGO SELF-SUSTAINING DECOMPOSITION WITH EVOLUTION OF HEAT.

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

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**SECTION X****USER'S RESPONSIBILITY**

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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.

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***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.***

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## REVISION

10/22/93 REVISED DOT CLASS, FIREFIGHTING PROCEDURES, HEATH HAZARDOUS DATA, REACTIVITY DATA, SPILL PROCEDURES. ADDED DISPOSAL OF EMPTY CONTAINERS.  
06/01/94 REVISED EMERGENCY PHONE NUMBER  
10/1/97 REVISED DOT CLASSIFICATION