

MATERIAL SAFETY DATA SHEET

PAGE 1 OF 2

VALUE PRODUCTS INC 2128 INDUSTRIAL DRIVE STOCKTON, CA 95206

PRODUCT CODE: 1421

REVISION : 4  
DATE ISSUED: 12/19/04  
SUPERSEDES : 06/29/00

SECTION I PRODUCT IDENTIFICATION

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

HAZARD RATING (NFPA 704)

HEALTH: 2  
FIRE: 0  
REACTIVITY: 0  
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
SODIUM META SILICATE	6834-92-0	12.8	2mg/m <sup>3</sup>	2mg/m <sup>3</sup>
SODIUM DICHLOROISOCYANURATE	51580-86-0	1.2	0.5mg/m <sup>3</sup>	0.5mg/m <sup>3</sup>

SECTION III PHYSICAL DATA

BOILING POINT (°F): NOT APPLICABLE  
VAPOR PRESSURE (AIR=1): NA  
VAPOR DENSITY (AIR=1): NA  
EVAPORATION RATE (WATER=1): NA  
DESCRIPTION: WHITE CRYSTALLINE POWDER, CHLORINE ODOR  
VOLATILE : NOT APPLICABLE  
SOLUBILITY IN WATER: COMPLETE  
SPECIFIC GRAVITY: NA  
P<sub>H</sub> 1% SOLUTION: 11.8-12.0

SECTION IV FIRE AND EXPLOSION HAZARDS

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

SECTION V HEALTH HAZARD DATA

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

EYE CONTACT : MAY CAUSE IRRITATION, REDNESS, TEARING. THE PRODUCT IS CORROSIVE TO EYES.  
INHALATION : IRRITATION TO NASAL AND RESPIRATORY TRACT.  
INGESTION : CAN CAUSE NAUSEA, VOMITING AND GASTROINTESTINAL UPSET.  
SKIN CONTACT : IRRITATION TO SKINS.

**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. SEEK MEDICAL ATTENTION IF NEEDED.  
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: POTENTIAL CARBON MONOXIDE GAS CAN BE FORMED WHEN ALKALINE PRODUCTS ARE IN CONTACT WITH FOOD/DRINKS CONTAINING SUGAR. IN AQUEOUS SOLUTION, THE MATERIAL MAY REACT WITH ALUMINUM, GALVANIZED IRON, ZINC TO GENERATE FLAMMABLE HYDROGEN GAS.  
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. AVOID DUSTING. 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.  
EYE PROTECTION : SAFETY GLASSES.  
PROTECTIVE CLOTHING : FULL-LENGTH CLOTHING.  
VENTILATION : LOCAL EXHAUST (DUST COLLECTION SYDTEM).  
OTHER PROTECTIVE MEASURES: EYEWASH FOUNTAIN.

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

HYGIENIC PRACTICES IN HANDLING STORING: WASH THOROUGHLY AFTER HANDLING. EATING, DRINKING, AND SMOKING SHOULD BE PROHIBITED IN THE WORKING AREAS.  
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**

01/05/94 REVISED HAZARDOUS INGREDIENTS, HEALTH & FIRST AIDS, SPILL PROCEDURES, DISPOSAL PRECAUTION.  
06/01/94 REVISED EMERGENCY PHONE NUMBER  
06/29/00 GENERAL REVISION