

MATERIAL SAFETY DATA SHEET

VALUE PRODUCTS, INC.

2128 INDUSTRIAL DRIVE, STOCKTON, CA 95206

PRODUCT CODE: 2203
REVISION : 1

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SECTION I PRODUCT IDENTIFICATION

PRODUCT NAME : **CONCENTRATED GLASS CLEANER** CHEMICAL NAME: ALCOHOL-SURFACTANT
BLEND FORMULA : PROPRIETARY
DOT HAZARD CLASS : COMBUSTIBLE, ISOPROPANOL SOLUTION, UN #1219

HAZARD RATING (NFPA 704)	HAZARD RATING	PROTECTIVE EQUIPMENT
HEALTH: 2	0=MINIMAL	A=GOGGLES
FIRE: 1	1=SLIGHT	B=GOGGLES, GLOVES
REACTIVITY: 0	2=MODERATE	C=GOGGLES, GLOVES, APRON
PROTECTIVE EQUIPMENT: E	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#	TVL	PEL
ISOPROPYL ALCOHOL	67-63-0	400PPM	500PPM
TETRASODIUM ETHYLENE-DIAMINE TETRAACETATE SOLUTION	64-02-8	NOT APPLICABLE	

SECTION III PHYSICAL DATA

BOILING POINT : 200 °F VOLATILE : 96%
VAPOR PRESSURE: (AIR=1)>1.0 SOLUBILITY IN WATER: COMPLETE
VAPOR DENSITY: (AIR=1): WATER BASED SPECIFIC GRAVITY: 0.990-1.000
EVAPORATION RATE (BUTYL ACETATE=1):>1 VISCOSITY: WATER THIN
DESCRIPTION: CLEAR DARK BLUE SOLUTION, ALCOHOL ODOR

SECTION IV FIRE AND EXPLOSION HAZARDS

FLASH POINTS: 120 °F METHOD USED: C.O.C.
FLAMMABLE LIMITS LEL/UEL: NA EXTINGUISHING MEDIA: WATER SPRAY, FOAM, CO2.
UNUSUAL FIRE OR EXPLOSIVE HAZARD: NONE KNOWN.

SECTION V HEALTH HAZARD DATA

SIGNS AND SYMPTOMS OF EXPOSURE (SKIN, EYE CONTACT; INHALATION; INGESTION)
EYE CONTACT : MAY CAUSE IRRITATION, REDNESS, TEARING.
INHALATION : CAN CAUSE HEADACHE, NAUSEA, AND IRRITATION TO MUCOUS MEMBRANE.
INGESTION : CAN CAUSE NAUSEA, VOMITING AND GASTROINTESTINAL UPSET.
SKIN CONTACT : IRRITATION UPON PROLONGED CONTACT.

FIRST AID MEASURES

EYE CONTACT : IMMEDIATELY FLUSH EYES WITH RUNNING WATER FOR 15 MINUTES. SEEK MEDICAL ATTENTION IMMEDIATELY.
INHALATION : REMOVE TO FRESH AREA. IF SYMPTOM DEVELOPS, SEEK MEDICAL ATTENTION IMMEDIATELY.
INGESTION : DRINK LARGE QUANTITIES OF WATER AND INDUCE VOMITING IF MEDICAL HELP IS NOT IMMEDIATELY AVAILABLE. SEEK MEDICAL ATTENTION IMMEDIATELY.
SKIN CONTACT : WASH SKIN WITH SOAPS AND LOTS OF WATER. IF IRRITATION OCCURS AND PERSISTS SEEK MEDICAL ATTENTION AS NEEDED.

SECTION VI REACTIVITY DATA

STABILITY: STABLE INCOMPATIBILITY : STRONG ACIDS, OXIDIZERS.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR. CONDITIONS TO AVOID: OPEN FLAME.
HAZARDOUS DECOMPOSITION: CARBON DIOXIDE, CARBON DIOXIDE.

SECTION VII SPILL OR LEAK PROCEDURES

CLEAN-UP PROCEDURES: CONTAIN SPILL WITH INERT MATERIAL THEN TRANSFER TO SEALABLE CONTAINERS FOR DISPOSAL. 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 : RESPIRATOR EQUIPPED WITH APPROPRIATE CARTRIDGE IF USE CONDITION GENERATES MIST/VAPORS.
EYE PROTECTION : SAFETY GOGGLES.
PROTECTIVE CLOTHING : FULL-LENGTH CLOTHING, RUBBER GLOVES .
VENTILATION : ADEQUATE LOCAL EXHAUST
OTHER PROTECTIVE MEASURES: EYEWASH AND SAFETY SHOWER.

SECTION IX SPECIAL PRECAUTION

HYGIENIC PRACTICES IN HANDLING STORING: WASH THOROUGHLY AFTER HANDLING.
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.**