

# MATERIAL SAFETY DATA SHEET

VALUE PRODUCTS, INC. 2128 INDUSTRIAL DRIVE, STOCKTON, CA 95206

PRODUCT CODE: 2035

REVISION: 0  
DATE ISSUED: 10/01/03  
SUPERSEDES:

## SECTION I PRODUCT IDENTIFICATION

PRODUCT NAME : RUST REMOVER

CHEMICAL NAME : ACID BLEND  
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: 1	2=MODERATE	C=GOGGLES, GLOVES, APRON
PROTECTIVE EQUIPMENT: D&E 3=SERIOUS	3=MODERATE	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#	(WT.%)	TLV	AMOUNT	PEL
OXALIC ACID	144-62-7		1mg/m3	1mg/m3	

## SECTION III PHYSICAL DATA

BOILING POINT: 212-0F  
VAPOR PRESSURE: >1  
VAPOR DENSITY: (AIR=1): >1  
EVAPORATION RATE (BUTYL ACETATE=1): 1  
PH 1% SOLUTION: 1.5-2.0  
DESCRIPTION: CLEAR WATER WHITE - NO ODOR

VOLATILE: 96%  
SOLUBILITY IN WATER: COMPLETE  
SPECIFIC GRAVITY: 1.020  
VISCOSITY: 0 CPS @ 68 °F

## SECTION IV FIRE AND EXPLOSION HAZARDS

FLASH POINTS: NON-FLAMMABLE  
EXTINGUISHING MEDIA: WATER SPRAY, DRY CHEMICAL OR CARBON DIOXIDE.  
METHOD USED: C.O.C.

## SECTION V HEALTH HAZARD DATA

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

EYE CONTACT: CAN CAUSE SEVERE IRRITATION OR BURNS.  
INHALATION: CAN CAUSE IRRITATION TO RESPIRATORY SYSTEM.  
INGESTION: CAN CAUSE BURNS TO MOUTH, THROAT, AND STOMACH, CAN CAUSE SYSTEMIC EFFECTS DUE TO REMOVAL OF CALCIUM FROM BLOOD.  
KIDNEY DAMAGE IS POSSIBLE.  
SKIN CONTACT: MAY CAUSE IRRITATION.

### FIRST AID MEASURES

EYE CONTACT : IMMEDIATELY FLUSH EYES, WHILE LIFTING EYELIDS, WITH LOTS OF RUNNING WATER FOR AT LEAST 15 MINUTES.  
INHALATION : REMOVE TO FRESH AREA. IF NOT BREATHING, GIVE MOUTH TO MOUTH RESUSCITATION. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. CALL A PHYSICIAN.  
INGESTION : DO NOT INDUCE VOMITING. DRINK LARGE QUANTITIES OF WATER AND TRANSPORT VICTIM TO MEDICAL FACILITY IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.  
SKIN CONTACT : WASH SKIN WITH LOTS OF SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND SHOES; WASH BEFORE REUSE.

## SECTION VI REACTIVITY DATA

STABILITY: STABLE  
INCOMPATIBILITY (MATERIALS TO AVOID): AVOID CONTACT WITH STRONG ALKALIS, OXIDIZERS AND ACIDS.  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR  
HAZARDOUS DECOMPOSITION: THERMAL DECOMPOSITION CAN PRODUCE IRRITATING AND HAZARDOUS FUMES INCLUDING FORMIC ACID, CARBON MONOXIDE AND CARBON DIOXIDE.

## SECTION VII SPILL OR LEAK PROCEDURES

CLEAN-UP PROCEDURES: MOP UP AND PLACE MATERIAL IN SEALABLE CONTAINERS FOR DISPOSAL.  
PERSONAL PROTECTION: WEAR RUBBER GLOVES AND CHEMICAL SAFETY GOGGLES. WASH HANDS THOROUGHLY AFTER CLEANING SPILL.  
VENTILATION: MAINTAIN GOOD VENTILATION WHILE CLEANING SPILL.

## SECTION VIII SPECIAL PROTECTION DATA

RESPIRATORY PROTECTION: NONE.  
EYE PROTECTION: SAFETY GOGGLES.  
PROTECTIVE CLOTHING: RUBBER GLOVES.  
VENTILATION: LOCAL MECHANICAL EXHAUST VENTILATION.

## 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.

