

VALUE PRODUCTS INC

2128 INDUSTRIAL DR. STOCKTON, CA 95206

PRODUCT CODE: 964805

REVISION : 3

DATE ISSUED: 02/05/07

SUPERSEDES : 06/01/94

**SECTION I****PRODUCT IDENTIFICATION**

PRODUCT NAME : GREASE REMOVER

CHEMICAL NAME : SOLVENT SURFACTANT BLEND

FORMULA : PROPRIETARY

DOT HAZARD CLASS : NONE

HAZARD RATING (NFPA 704)

HEALTH: 2

FIRE: 0

REACTIVITY: 0

PROTECTIVE EQUIPMENT: B

HAZARD RATING

0=MINIMAL

1=SLIGHT

2=MODERATE

3=SERIOUS

4=SEVERE

PROTECTIVE EQUIPMENT

A=GOGGLES

B=GOGGLES, GLOVES

C=GOGGLES, GLOVES, APRON

D=GOGGLES, GLOVES, APRON, FACE SHIELD

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
ETHYLENE GLYCOL MONO-BUTYL ETHER	000111-76-2	25 PPM	50 PPM

**SECTION III****PHYSICAL DATA**

BOILING POINT : 212 °F

P<sub>H</sub> (CONCENTRATE): 11.3

VAPOR DENSITY: (AIR=1):&gt;1

EVAPORATION RATE (WATER=1):&gt;1

DESCRIPTION: CLEAR ORANGE SOLUTION, BUTYL ODOR

VOLATILE : 84%

SOLUBILITY IN WATER: COMPLETE

SPECIFIC GRAVITY: 1.050

VISCOSITY: 25 CPS @ 68 °F

**SECTION IV****FIRE AND EXPLOSION HAZARDS**

FLASH POINTS: NON-COMBUSTIBLE

METHOD USED: C.O.C.

EXTINGUISHING MEDIA: WATER SPRAY, FOAM, CO<sub>2</sub>, DRY CHEMICAL. WHEN USING WATER, FIRE RUN-OFF WATER MAY BE CORROSIVE.

UNUSUAL FIRE OR EXPLOSIVE HAZARD: MAY GENERATE HYDROGEN GAS. REACT MODERATELY WITH METALS SUCH AS TIN, ZINC, ALUMINUM.

**SECTION V****HEALTH HAZARD DATA****SIGNS AND SYMPTOMS OF EXPOSURE (SKIN, EYE CONTACT; INHALATION; INGESTION)**

EYE CONTACT : VAPORS, MISTS, OR LIQUID ARE MODERATELY CORROSIVE TO EYES. BRIEF DIRECT CONTACT TO EYES MAY CAUSE PAIN, LACHRYMATION (TEAR).

INHALATION : IRRITATION TO NOSE, THROAT, AND MUCOUS MEMBRANE. EXCESSIVE EXPOSURE MAY CAUSE INJURY TO UPPER RESPIRATORY TRACT AND LUNGS.

INGESTION : CAN CAUSE IRRITATION OR BURN TO MOUTH, THROAT, AND GASTROINTESTINAL TRACT. MAY ALSO CAUSE ULCERATION. SWALLOWING LARGE QUANTITIES MAY CAUSE SERIOUS INJURY.

SKIN CONTACT : EXPOSURE MAY CAUSE IRRITATION OR BURN TO SKINS.

**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. PROMPT MEDICAL ATTENTION IS ESSENTIAL.

INHALATION : REMOVE TO FRESH AREA. IF NOT BREATHING, GIVE MOUTH TO MOUTH RESUSCITATION. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN. CALL A PHYSICIAN IMMEDIATELY.

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. 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 ACIDS OR OXIDIZERS.  
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR  
CONDITIONS TO AVOID: DIRECT FLAME.  
HAZARDOUS DECOMPOSITION: FLAMMABLE HYDROGEN GAS UPON CONTACT WITH METALS.

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**SECTION VII SPILL OR LEAK PROCEDURES**

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CLEAN-UP PROCEDURES: ONLY TRAINED AND PROPERLY PROTECTED PERSONNEL SHOULD BE INVOLVED IN SPILLED CLEAN-UP OPERATIONS. WEAR PROTECTIVE CLOTHING. MOP UP AND PLACE MATERIAL IN SEALABLE CONTAINERS FOR DISPOSAL. KEEP OUT OF SEWER SYSTEM, SURFACE WATER. FLUSH CONTAMINATED AREAS WITH WATER AFTER ALL TRACES OF VISIBLE SPILLS HAVE COMPLETELY RECOVERED.

RECOMMENDED WASTE DISPOSAL METHOD: DISPOSE OF 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 IN OVER-EXPOSURE CONDITION.  
EYE PROTECTION : CHEMICAL GOGGLES.  
PROTECTIVE CLOTHING : RUBBER GLOVES, APRON. FULL-LENGTH CLOTHING.  
VENTILATION : LOCAL MECHANICAL EXHAUST  
OTHER PROTECTIVE MEASURES: EYEWASH AND SAFETY SHOWER.

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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, 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.

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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.

**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:  
01/0/94 REVISED SPILL PROCEDURES, DISPOSAL OF EMPTY CONTAINERS.  
06/01/94 REVISED EMERGENCY PHONE NUMBER, HAZARD RATING SCALE  
04/24/02 REVISED FORMULA