

DEGREASER

MATERIAL SAFETY DATA SHEET
HEALTH-2 FLAMMABILITY-0 REACTIVITY-0 PERSONAL PROTECTION-B

IDENTITY: 2214 INDUSOL - DATE: 11-01-93

SECTION I - MANUFACTURED FOR:
PRO CHEM, INC. - 1475 BLUEGRASS LAKES PARKWAY - ALPHARETTA, GA. 30201 - EMERGENCY AND INFORMATION#: (800) 241-8180

SECTION II - HAZARDOUS INGREDIENTS

CHEMICAL NAME: ETHYLENE GLYCOL MONOBUTYL ETHER.
OSHA PEL: ACGIH TLV: 25 PPM. % RAW MTL: < 5. OTHER LIMITS: CAS#: 111-76-2.
THIS PRODUCT IS NOT A CARCINOGEN OR POTENTIAL CARCINOGEN AS DEFINED BY OSHA, THE NTP OR THE IARC MONOGRAPHS.

SECTION III - PHYSICAL DATA

BOILING POINT: 205 DEG. F. APPEARANCE: PURPLE, CLEAN SMELLING, CLEAR LIQUID.
SOLUBILITY: COMPLETE. SPECIFIC GRAVITY (H2O=1): 1.03.
VAPOR PRESSURE (MMHG): 25.5 (@ 25 DEG. C). MELTING POINT:
VAPOR DENSITY (AIR=1): 2.5. EVAPORATION RATE(WATER=1): > 1.

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT: NO FLASH AT BOIL. METHOD USED: CC.
FLAMMABILITY LIMIT: AI 650 DEG. F. LEL: 2.0. UEL: 11.1.
EXTINGUISHING MEDIA: DRY CHEMICAL, FOAM, CO2.
SPECIAL FIRE FIGHTING PROCEDURES: NONE.
UNUSUAL FIRE AND EXPLOSION HAZARDS: NONE.

SECTION V - REACTIVITY DATA

STABILITY: STABLE. CONDITIONS TO AVOID:
INCOMPATIBILITY (MATERIALS TO AVOID): AVOID MIXING WITH ACIDS.
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: NONE.
HAZARDOUS POLYMERIZATION: NO. CONDITIONS TO AVOID:

SECTION VI - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: N E.
ROUTE(S) OF ENTRY: INHALATION? SKIN? INGESTION?
HEALTH HAZARDS (ACUTE AND CHRONIC):
CARCINOGENICITY: NTP? IARC MONOGRAPHS? OSHA REGULATED?
SIGNS AND SYMPTOMS OF EXPOSURE: DIZZINESS, REDDENING OF SKIN, ITCHING OF EYES.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
EMERGENCY AND FIRST AID PROCEDURES: EYES - FLUSH WITH WATER, HOLDING EYELIDS OPEN. SKIN - WASH THOROUGHLY AFTER EXPOSURE. INHALATION - REMOVE VICTIM TO FRESH AIR AND PROVIDE OXYGEN IF BREATHING IS DIFFICULT. INGESTION - DRINK LARGE VOLUMES OF MILK OR OTHER LIQUID, CALL PHYSICIAN IMMEDIATELY.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: SMALL SPILL - WIPE UP PRODUCT, RINSE SOILED AREA WITH WATER DOWN THE DRAIN. LARGE SPILL - STOP LEAK AT THE SOURCE AND COLLECT INTO A SUITABLE CONTAINER, THEN TREAT AS A SMALL SPILL.
WASTE DISPOSAL METHOD: FOLLOW STATE AND LOCAL REGULATIONS FOR DISPOSAL OF LARGE NON-RECLAIMABLE SPILLS.
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
OTHER PRECAUTIONS:

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE): IF EXPOSURE LIMITS ARE EXCEEDED, A NIOSH MSHA APPROVED AIR SUPPLIED RESPIRATOR IS RECOMMENDED.
VENTILATION: LOCAL EXHAUST: MECHANICAL (GENERAL): Y.
SPECIAL: OTHER LIMITS:
PROTECTIVE GLOVES: USE NEOPRENE GLOVES.
EYE PROTECTION: SAFETY GLASSES.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: NONE REQUIRED.
WORK & HYGIENIC PRACTICES:

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: ALWAYS STORE UNUSED PORTION IN ORIGINAL CONTAINER WITH CAP SECURE. AVOID TEMPERATURE EXTREMES.
OTHER PRECAUTIONS: AS WITH ALL CHEMICALS, USE WITH DUE CARE ACCORDING TO LABEL INSTRUCTIONS AND PRECAUTIONS.

SECTION 313 SUPPLIER NOTIFICATION

THIS PRODUCT CONTAINS THE FOLLOWING TOXIC CHEMICALS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT OF 1986 AND OF 40 CFR 372: GLYCOL ETHERS (REPORTED IN SECTION II AS ETHYLENE GLYCOL MONOBUTYL ETHER) < 5 % BY WEIGHT. THIS INFORMATION#: (800) 241-8180 MUST BE INCLUDED IN ALL MSDS'S THAT ARE COPIED AND DISTRIBUTED FOR THIS MATERIAL.