

MIDLAB, INC.
280 Industrial Park Rd.
Sweetwater, TN 37874

423-337-3180(8AM-5PM WEEKDAYS)

DATE PREPARED:..... 02/07/97
PREPARED BY:.. Regulatory Dept.
REVISION DATE:.... 09-20-01
EMERGENCY PHONE # INFOTRAC
1-800-535-5053 24 HRS DAILY

PRODUCT NUMBER:..502098
PRODUCT NAME: Glass Cleaner
CUSTOMER NUMBER: 99612
DISTRIBUTED BY: Midlab, Inc.
DISTRIBUTOR ADDRESS:
280 Industrial Park Road
Sweetwater, TN 37874

SECTION I - IDENTIFICATION

PRODUCT NAME:..
SYNONYMS:.... Glass & Utility
Cleaner Concentrate
CHEMICAL FAMILY: Alcohols

PROPER SHIPPING NAME:
NOI Non-Hazardous

HMIS HEALTH:..... 1
HMIS FLAMMABILITY:.. 1
HMIS REACTIVITY:..... 1
HMIS PERSONAL
PROTECTION.....A

SECTION II - HAZARDOUS INGREDIENTS

HAZARDOUS INGREDIENT	PERCENT	CAS NUMBER	PEL
Water	60-70	7732-18-5	Not Listed
Tetrasodium EDTA	<10	64-02-8	Not Listed
Alkyl Polyglycocide Surfactant	<10	68515-73-1	Not Listed
Alkyl Polyglycocide Surfactant	<10	110615-47-9	Not Listed
2-propanol	10-20	67-63-0	400 ppm
2-butoxyethanol	<10	111-76-2	25 ppm
Acetic Acid	<10	64-19-7	10 ppm

SECTION III - PHYSICAL DATA

APPEARANCE:..... Blue liquid with a faint alcohol odor and subtle floral scent.
EVAPORATION RATE: >1
SOLUBILITY IN WATER:.. Complete @
25 Degrees C.

FREEZING POINT:.... 30 Degrees F.
PH:..... 2-4
VAPOR PRESSURE:.. Not Known

SPECIFIC GRAVITY:..... 0.97
BOILING POINT:..... 216 Degrees F.
VAPOR DENSITY(AIR=1): >1
% VOL:..... 96

SECTION IV - FIRE AND EXPLOSION DATA

FLASHPOINT:.... 142 Degrees F.
UPPER EXPLOSION LIMIT:.. 12% for 2-Propanol

METHOD:.... Open Cup
EXTINGUISHING MEDIA:.... Water, Carbon Dioxide, Dry Chemical or Alcohol Foam

LOWER EXPLOSION LIMIT:.. 2% for 2-Propanol

SPECIAL FIRE FIGHTING PROCEDURES : Wear full protective gear including self-contained breathing apparatus. Keep heated containers cool with water spray.

UNUSUAL FIRE /EXPLOSION HAZARDS:.. Vapors are more dense than air and may travel long distances before flashing back to source. Heat may cause product decomposition. See Hazardous Decomposition Products in Section V.

SECTION V - REACTIVITY DATA

STABILITY:..... Stable
INCOMPATIBILITY:.. Strong acids, strong alkalis, oxidizing agents, heat, ignition sources and flame.
DECOMPOSITION:.. Oxides of carbon and/or of sulfur.

HAZARDOUS POLYMERIZATION:.... Will not occur

SECTION VI - HEALTH DATA

THRESHOLD LIMIT VALUE:.. Not established for mixture.
LISTED CARCINOGEN:..... No ingredients listed by NTP, IARC or OSHA Subpart Z.

OSHA PEL:..... Not established for mixture.

INHALATION:.... Inhaling concentrated vapors may cause respiratory irritation. Inhaling concentrated vapors may cause nausea, fatigue, Central Nervous System Depression, dizziness and/or other anesthetic effects.

INGESTION:..... Ingestion may cause digestive irritation.

EYES:... Any contact with product is severely irritating to eyes.

SKIN(DERMAL)... Immediately wash affected area thoroughly with soap and water for at least 15 minutes. Apply a good moisturizing lotion and seek prompt medical attention if irritation develops or persists.

MEDICAL CONDITIONS AGGRAVATED:.... Pre-Existing eye or skin disorders. Pre-existing respiratory disorders. Pre-existing central nervous system disorders.

SECTION VII FIRST AID

BREATHING(INHALATION):.. Remove victim to fresh air. Administer
EYES:..... Immediately flush eyes with running water for

Material Safety Data Sheet

MXM50200006

cardio-pulmonary resuscitation if breathing or heart have stopped. Get immediate medical attention. If available, oxygen may be administered to facilitate breathing.

SWALLOWING(INGESTION):.. Immediately drink 2 glasses of milk or water to dilute and induce vomiting. Get immediate medical attention.

Never give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN:.. Emesis is the recommended treatment strategy for ingestion of this product. If necessary, syrup of IPECAC may be utilized to facilitate regurgitation.

at least 15 minutes. Remove and discard contaminated contact lenses. Get immediate medical attention. If possible, continue to flush eyes with running water until medical aid is received.

SKIN(DERMAL):.. No harmful effects expected; merely rinse off skin

SECTION VIII EMPLOYEE PROTECTION

RESPIRATORY PROTECTION:..... Exposure monitoring at Pilot Corporation indicates that normal use patterns do not require the use of a respirator.

PROTECTIVE CLOTHING:..... Exposure monitoring at Pilot Corporation indicates that normal use patterns do not require the use of skin protection. Chemical splash glasses, splash goggles or full face shield as necessary to prevent contact.

ADDITIONAL MEASURES:.... Eyewash and shower facilities suggested.

VENTILATION:..... Mechanical exhaust is sufficient for most short-term exposures. Local exhaust may be required to prevent exceeding TWA/TLV.

SECTION IX - SPILL AND DISPOSAL DATA

SPILL:..... Wear full protective gear. Dike & contain spill. Eliminate all sources of ignition. Pump to salvage vessels with spark-proof equipment. Absorb remaining residues with inert absorbent and place into suitable disposal containers.

WASTE DISPOSAL:.... Dispose of all wastes according to all federal, state and local legislation.

SECTION XI - OTHER REGULATORY INFORMATION

RCRA STATUS:..... Triggered only by product characteristics after use.

TSCA STATUS:..... All ingredients of this product are listed on the TSCA inventory.

SARA(SECTION 302) Extremely Hazardous Substance:.. No

SARA SECTION 312:... Immediate (Acute) Health Hazard, Fire Hazard, Reactive Hazard,
SARA SECTION 313 Toxic Release Inventory Reporting:.. Contains Glycol Ethers

SECTION XII - PRECAUTIONARY LABEL STATEMENTS

WARNING:..... **CAUTION:** KEEP OUT OF REACH OF CHILDREN. For Industrial and Institutional Use Only.

SECTION XIII - ADDITIONAL INFORMATION

ADDITIONAL:.. Use Product only as recommended on the label and literature.

DISCLAIMER:.. NOTICE: The information contained in this MSDS is believed to be correct as of the date prepared. No representations or warranties, either express or implied, of the merchantability, fitness for a particular purpose, or of any other nature are made with respect to information concerning the product referred to in this MSDS.

PRODUCT NUMBER:..5020

BAR CODE:.....