

MATERIAL SAFETY DATA SHEET
OSHA FORM 174

PRODUCT NAME: WINSOL POLYCLEAN
PRODUCT CODE: 6045
HMIS CODES: H - 0 F - 2 R - 0 P - B - NFPA
(HEALTH - FIRE - REACTIVITY - PERSONAL PROTECTION)
HMIS RATING: 0=MINIMAL, 1=SLIGHT, 2=MODERATE, 3=SERIOUS, 4=SEVERE

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: WINSOL LABORATORIES, INC.
ADDRESS: 1417 NW 51ST, SEATTLE, WA., 98107
EMERGENCY PHONE: 206/782-5500
DATE PREPARED: 6-01-89 NAME OF PREPARER: WINSOL LABORATORIES, INC.
LAST REVISION: 01-01-12

SECTION II - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

HAZARDOUS COMPONENTS	CAS #	OSHA PEL	ACGIH TLV	OTHER	VAPOR PRESS	WEIGHT %

DIPROPYLENE GLYCOL MONOMETHYL ETHER (HAZARD - COMBUSTIBLE)		100ppm skin	100ppm skin			>60

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

SARA TITLE III / 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:
CAS: # CHEMICAL NAME PERCENT BY WEIGHT
NONE

BOILING POINT: 363oF SPECIFIC GRAVITY (H2O=1):.95
VAPOR DENSITY: 5.14 EVAPORATION RATE:<1
VOC: 951 g/l or 7.91 lb/gal Rule 443.1 (ETHER=1)
SOLUBILITY IN WATER: 100%
APPEARANCE AND ODOR: CLEAR OR BLUE LIQUID, LEMON

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

POLYCLEAN IS CONSIDERED NON-FLAMMABLE
FLASH POINT: 1750F METHOD USED: TCC
FLAMMABLE LIMITS IN AIR BY VOLUME-LOWER: 1.1vol% @ 100C UPPER:14vol% @ 150C
EXTINGUISHING MEDIA: WATER, DRY CHEMICAL, CO2, OR ALCOHOL FOAM.
SPECIAL FIRE FIGHTING PROCEDURES: SELF CONTAINED BREATHING APPARATUS WITH A FULL
FACE PIECE OPERATED IN A PRESSURE DEMAND OR OTHER POSITIVE PRESSURE MODE. AND FULL
PROTECTIVE CLOTHING.
UNUSUAL FIRE AND EXPLOSION HAZARDS: EXTINGUISH ALL NEARBY SOURCES OF IGNITION.

NEVER USE WELDING OR CUTTING TORCH ON OR NEAR DRUM, EVEN EMPTY,BECAUSE PRODUCT RESIDUE CAN IGNITE EXPLOSIVELY.

SECTION V - REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: HEAT, SPARKS, OPEN FLAMES.

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZING AGENTS, ACIDS

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: MAY LIBERATE CARBON MONOXIDE, CARBON DIOXIDE, AND UNIDENTIFIED ORGANIC COMPOUNDS IN BLACK SMOKE.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION VI - HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: SIGNS AND SYMPTOMS OF EXCESSIVE EXPOSURE MAY BE ANESTHETIC OR NARCOTIC EFFECTS.

SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE:

EYE MAY CAUSE EYE IRRITATION.

SKIN NO SIGNIFICANT IRRITATION EXPECTED, EVEN ON REPEATED PROLONGED EXPOSURE.

6045

SECTION VI - HEALTH HAZARD DATA - CONT.

SKIN ABSORPTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: MAY BE ABSORBEDTHROUGH THE SKIN AND ACT AS A VEHICLE FOR CARRYING OTHER MATERIALS THROUGH THE SKIN. LD-50 IS GREATER THEN 20ml/kg RABBIT.

PROLONGED SKIN CONTACT WITH LARGE AMOUNTS MAY CAUSE DROWSINESS.

INGESTION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: SWALLOWING CAN CAUSE GASTROINTESTINAL IRRITATION, NAUSEA, VOMITING AND DIARRHEA. ORAL LD50 FOR RATS IS 5.4 ml/kg.

CARCINOGENICITY: THIS MATERIAL IS NOT CONSIDERED TO BE A CARCINOGEN BY THE NATIONAL TOXICOLOGY PROGRAM, THE INTERNATIONAL AGENCY FOR RESEARCH ON CANCER, OR THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION.

NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

EMERGENCY AND FIRST AID PROCEDURES:

EYES IRRIGATE WITH FLOWING WATER IMMEDIATELY AND CONTINUOUSLY FOR 15 MINUTES,LIFTING THE UPPER AND LOWER EYELIDS OCCASIONALLY. CONSULT MEDICAL PERSONNEL.

SKIN WASH OFF IN FLOWING WATER OR SHOWER. REMOVE CONTAMINATED CLOTHING AND WASH BEFORE REUSE.

INGESTION IF CONSCIOUS IMMEDIATELY INDUCE VOMITING BY GIVING 2 GLASSES OF WATER AND STICKING A FINGER DOWN THE THROAT. CONTACT A DOCTOR IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

INHALATION REMOVE TO FRESH AIR. IF NOT BREATHING, GIVE MOUTH TO MOUTH RESUSCITATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. CALL A PHYSICIAN.

SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: WEAR PROTECTIVE EQUIPMENT. KEEP OUT OF SEWERS, STORM DRAINS, AND DIRT.

SMALL SPILL- ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL AND TRANSFER TO LABELED CONTAINERS.

LARGE SPILL- STOP SPILL AT SOURCE, DIKE AREA OF SPILL TO PREVENT SPREADING, PUMP LIQUID

INTO SALVAGE TANK. REMAINING LIQUID MAY BE TAKEN UP ON SAND , CLAY, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL AND SHOVELED INTO LABELED CONTAINERS.

WASTE DISPOSAL METHOD: REVIEW FEDERAL, STATE AND LOCAL GOVERNMENT REQUIREMENTS PRIOR TO DISPOSAL

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: EXERCISE REASONABLE CARE AND CAUTION. STORE IN A COOL DRY PLACE.

OTHER PRECAUTIONS: CONTAINERS OF THIS MATERIAL MAY BE HAZARDOUS WHEN EMPTIED, SINCE EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES (VAPOR, LIQUID AND/OR SOLIDS), ALL HAZARD PRECAUTIONS GIVEN IN THE DATA SHEET MUST BE OBSERVED.

SECTION VIII - CONTROL MEASURES

RESPIRATORY PROTECTION: IF TVL OF THE PRODUCT OR ANY COMPONENT IS EXCEEDED, A NIOSH/MSHA JOINTLY APPROVED AIR SUPPLIED RESPIRATOR IS ADVISED IN ABSENCE OF PROPER ENVIRONMENTAL CONTROL. OSHA REGULATIONS ALSO PERMIT OTHER NIOSH/MSHA RESPIRATORS UNDER SPECIFIED CONDITION.

VENTILATION: PROVIDE GENERAL OR MECHANICAL VENTILATION OR LOCAL EXHAUST TO KEEP VAPOR CONCENTRATIONS BELOW TLV OF MATERIALS IN SECTION II AND LEL IN SECTION IV.

PROTECTIVE GLOVES: USE IMPERMEABLE GLOVES TO PREVENT PROLONGED SKIN CONTACT.

EYE PROTECTION: USE SAFETY EYE-WEAR DESIGNED TO PROTECT EYES AGAINST LIQUID SPLASH AND MISTS. CONSULT YOUR SAFETY EQUIPMENT SUPPLIER.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: USE PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT. USE HEAD CAPS, BOOTS, CHEMICAL APRONS WHEN NECESSARY.

WORK/HYGIENIC PRACTICES: EYE WASHES AND SAFETY SHOWERS IN THE WORK-PLACE ARE RECOMMENDED. WASH HANDS AFTER USING. MONITOR EXPOSURE LEVELS.

SECTION IX - DISCLAIMER

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