

MATERIAL SAFETY DATA SHEET

N/A=NOT APPLICABLE

EFFECTIVE DATE 8/03

SECTION 1 - PRODUCT IDENTIFICATION

Product Name: WATERLESS PARTS CLEANER (AU501)

Chemical Family: HYDROCARBON SOLVENT

Supplier's Name: Banner Chemical Corp. **Proper Shipping Name:** PETROLEUM DISTILLATES, N.O.S.,
Supplier's Address: 111 Hill St. **COMBUSTIBLE LIQUID, UN1268, III**

EMERGENCY TELEPHONE NUMBER 973/676-2900

HMIS RATING (0-4): HEALTH: 2 FIRE: 2 REACTIVITY: 0

SECTION 2 - HAZARDOUS INGREDIENTS

| CHEMICAL NAME | CAS NO. | % (optional) | TLV(ACGIH) |
|------------------|-----------|--------------|------------|
| STODDARD SOLVENT | 8052-41-3 | 100% | 500ppm |

SECTION 3 - PHYSICAL DATA

BOILING POINT: 310°F-405°F VAPOR DENSITY: 4.8
VAPOR PRESSURE: >10mm Hg @ 25°C. EVAPORATION RATE: >0.1
SOLUBILITY IN WATER: NEGLIGIBLE % VOLATILE BY VOLUME: 100
APPEARANCE AND ODOR: CLEAR WATER-WHITE LIQUID, MINERAL SPIRITS ODOR.
FLASH POINT: 105°F.

SECTION 4 - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: COMBUSTIBLE-100°F. FLAMMABLE LIMITS: LFL 0.9% UFL 7%
EXTINGUISHING MEDIA: FOAM, WATER SPRAY, DRY CHEMICAL, CO₂, DEPENDING ON SIZE AND CIRCUMSTANCES RELATED TO THE SITUATION.
SPECIAL FIRE FIGHTING PROCEDURES: USE SELF CONTAINED BREATHING APPRATUS. WATER SPRAY SHOULD BE USED TO KEEP FIRE-EXPOSED CONTAINERS COOL AND TO DISPERSE VAPORS AND FLUSH SPILLS.
UNUSUAL FIRE AND EXPLOSION HAZARD: KEEP WORK AREAS FREE OF HOT METAL SURFACES AND OTHER SOURCES OF IGINATION.

SECTION 5 - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 10mm Hg @ 25°C.
EFFECTS OF OVEREXPOSURE: MAY BE AN EYE IRRITANT, SKIN IRRITANT. CAN CAUSE RESPIRATORY TRACT IRRITATION AND CAUSE CENTRAL NERVOUS SYSTEM DEPRESSION IN HIGH CONCENTRATIONS.
EMERGENCY AND FIRST AID PROCEDURES: EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES. SKIN: WASH WITH SOAP AND LARGE QUANTITIES OF WATER. INHALATION: REMOVE TO FRESH AIR. IF BREATHING STOPS BEGIN ARTIFICIAL RESPIRATION. INGESTION: IF SWALLOWED DO NOT INDUCE VOMITING. IN ALL CASES SEEK IMMEDIATE MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. IN ALL CASES CONSULT A PHYSICIAN.

SECTION 6 - REACTIVITY DATA

STABILITY: STABLE
CONDITIONS TO AVOID: COMBUSTIBLE LIQUID. HOT METAL SURFACES AND OTHER SOURCES OF IGINATION.
INCOMPATIBILITY: STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG BASES, SELECTED AMINES.
HAZARDOUS DECOMPOSITION PRODUCTS: FUMES, SMOKE, CARBON MONOXIDE, ALDEHYDES, CARBON DIOXIDE.
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

SECTION 7 - SPILL OR LEAK PROCEDURES

SPILLAGE: CONTAIN SPILL AND ABSORB WITH SAND, EARTH OR OTHER SUITABLE ABSORBENT.
WASTE DISPOSAL METHOD: IN A MANNER CONSISTENT WITH FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION 8 - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: USE N-IOSH APPROVED RESPIRATOR OR GAS MASK.
VENTILATION: USE ONLY WITH VENTILATION SUFFICIENT TO PREVENT EXCEEDING RECOMMENDED EXPOSURE LIMIT OR BUILDUP OF EXPLOSIVE CONCENTRATIONS OF VAPOR IN AIR. USE EXPLOSION-PROOF EQUIPMENT. NO SMOKING OR OPEN LIGHTS.
GLOVES: USE CHEMICAL RESISTANT GLOVES.
EYE PROTECTION: USE SPLASH GOGGLES OR FACE SHIELD WHEN EYE CONTACT MAY OCCUR.
OTHER PROTECTIVE EQUIPMENT: USE CHEMICAL - RESISTENT APRON OR OTHER IMPERVIOUS CLOTHING.

SECTION 9 - SPECIAL PRECAUTIONS: KEEP CONTAINERS AND STORAGE CONTAINERS CLOSED WHEN NOT IN USE. DO NOT STORE NEAR HEAT, SPARKS, FLAME OR STRONG OXIDANTS. USE AND STORE THIS PRODUCT WITH ADEQUATE VENTILATION TO PREVENT FIRE OR EXPLOSION RISK FROM STATIC ACCUMULATION AND DISCHARGE, EFFECTIVELY GROUND PRODUCT TRANSFER SYSTEM IN ACCORDANCE WITH THE NFPA STANDARD FOR PETROLEUM PRODUCTS. EMPTY CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS. ALL CONTAINERS SHOULD BE DISPOSED OF IN AN ENVIRONMENTALLY SAFE MANNER AND IN ACCORDANCE WITH GOVERNMENTAL REGULATIONS. DO NOT PRESSURIZE, CUT, WELD, OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS OR OTHER SOURCES OF IGINATION.

Do not get in eyes or on skin. Wash thoroughly after handling. Store away from other chemicals and out of the reach of children. Store in a closed container away from fire and extreme heat. Keep from freezing. Use protective equipment.

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