

| Material Safety Data Sheet | | (MSDS) | | Date of Issue: 01/01/1998 | | Date of Revision: 08/05/2005 | | | | |
|--|---------------|--|----------|-------------------------------------|---|------------------------------|---|-------------|-------|-------|
| SECTION 1 - MANUFACTURER INFORMATION | | | | | | | | | | |
| Manufacturer Name: | | Argos Technologies, Inc. | | | | | | | | |
| Trade Name: | | VWR Hand Gel | | Emergency Telephone | | | | | | |
| | | | | U.S.: (800) 424-9300 | | | | | | |
| | | | | Canada: (703) 527-3887 | | | | | | |
| Chemical Name or Synonym: | | N/A | | Info Telephone: 847-783-0456 | | | | | | |
| Mfg. Address: | | 1141 East Main St. S104 | | | | | | | | |
| City: | | East Dundee | | State, Zip: | | IL 60118 | | | | |
| SECTION II - HAZARDOUS INGREDIENTS | | | | | | | | | | |
| CAS Number | Chemical Name | Percent | PEL | C | S | TLV | C | S | Units | 313 ? |
| 64-17-5 | Ethyl Alcohol | 62 | 1000 ppm | | | 1000 ppm | | | | N/A |
| Additional Information: <u>Unidentified ingredients are not considered hazardous under the Federal Hazard Communication Standard (29 CFR 1910.1200)</u> | | | | | | | | | | |
| SECTION III - PHYSICAL DATA | | | | | | | | | | |
| Boiling Point (°F): | | 176 °F | | Specific Gravity (H2O=1): | | 0.87 | | | | |
| Vapor Pressure: | | 40.4 @ 20°C | | Evaporation Rate (ether=1): | | 3.6 | | | | |
| Odor: | | Herbal | | pH: | | <10 | | | | |
| Solubility in H2O: | | Miscible | | Freezing Point: | | N/A | | | | |
| Appearance: | | Viscous Gel. Colorless. | | | | | | | | |
| SECTION IV - FIRE AND EXPLOSION DATA | | | | | | | | | | |
| Flash Point (closed cup): | | 72 °F, 22°C | | LEL: | | NA | | UEL: | | NA |
| Extinguishing Media: | | Water, CO2, dry chemical powder, foam. | | | | | | | | |
| Special Fire Fighting Procedures: | | N/A | | | | | | | | |
| Unusual Fire / Expl Hazards: | | Firefighters should observe all precautions that apply to any fire where chemicals are stored. | | | | | | | | |
| Additional Information: | | | | | | | | | | |
| Hazard Ratings | | | | | | | | | | |
| HMIS: Health = 0 Flammability = 3 Reactivity = 0 Personal Protection = none | | | | | | | | | | |
| NFPA: Health = 0 Flammability = 3 Reactivity = 0 | | | | | | | | | | |

VWR Hand Gel**SECTION V - HEALTH HAZARD DATA****ACUTE HEALTH EFFECTS / SYMPTOMS:** None**Primary Entry Routes:** SKIN, EYES AND INGESTION: Eye Contact slightly irritating. Ingestion may be harmful.
INHALATION: Avoid breathing vapor.**CHRONIC HEALTH EFFECTS / SYMPTOMS:** None known.**Carcinogenicity Data:** No | NTP: None known | IARC: N | OSHA: N | OTHER: N/A**First Aid****Eyes:** Wash eyes with large volumes of water for at least 15 minutes, while lifting the upper and Lower eyelids rotating the eyeball. Seek prompt medical attention if irritation persists.**Inhalation:** N/A**Ingestion:** Give large volumes of water. Do not induce vomiting. Get medical attention.**SECTION VI - REACTIVITY DATA****Stability:** Stable**Conditions to Avoid:** High temperature.**SECTION VII - SPILL OR LEAK PROCEDURES****Spill Procedures:** If product leaks or spills - wash area with water - mop up - dispose in sanitary sewer.**Waste Disposal Procedures:** Dispose in accordance with federal, state, and local regulations.**SECTION VIII - SPECIAL PROTECTION INFORMATION****Personal Protection:** None required under normal use conditions.**Toxicology Information:** None.**Ecological Information:** None.**SECTION IX - ADDITIONAL INFORMATION****Safe Handling and Storage:** Store in a tightly closed container in an upright position. Do not destroy or deface label.**SECTION X – TRANSPORTATION INFORMATION**

| DOT Hazard Class: | <u>Product</u> | <u>Shipping by Ground</u> |
|--------------------------|--------------------------------|---|
| | 4 oz, 16 oz (cat # 7104, 7106) | ORM-D Consumer Commodity (DOT 49 CFR 173.150) |
| | 1 gal (cat# 7101) | Ethanol Solution, 3, UN 1170, PG II |