

# KNAPP PRODUCTS

## M.S.D.S.

**PRODUCT NAME** "WET SOL"

**PRODUCT NUMBER**

75201

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75201

**DATE**

01/01/2006

### Section 1. Chemical product and company identification

**COMPANY** KNAPP MANUFACTURING  
5227 E. PINE AVE.  
FRESNO, CA 93727 USA

FOR EMERGENCIES CALL: 800 255 3924

**PRODUCT** WET SOL

### Section 2. Composition/information on ingredients

**CHEMICAL NAME**

1-METHOXY PROPANOL (48%):

(CAS# 107-98-2 / OSHA PEL - NONE / ACGIH TLV – 100 / OTHER LIMITS RECOMMENDED – HAZARD FLAMMABLE)

DIPROPYLENE GLYCOL MONOMETHYL ETHER (52%):

(CAS# 34590-94-8 / OSHA PEL – 100 PPM / ACGIH TLV – 100 PPM / OTHER LIMITS RECOMMENDED – HAZARD COMBUSTIBLE)

### Section 3. Hazards identification, including emergency overview

PRIMARY ROUTES OF ENTRY: INHALATION, SKIN AND EYE CONTACT.

CHRONIC HEALTH HAZARDS INCLUDE NAUSEA AND ANESTHESIA AT HIGHER LEVELS.

SYMPTOMS OF EXPOSURE:

EYES – CAN CAUSE MODERATE IRRITATION, REDNESS, TEARING.

SKIN – STEL-150 PPM – CAN CAUSE SLIGHT IRRITATION.

INGESTION – MAY CAUSE GASTROINTESTINAL IRRITATION.

INHALATION – EXCESSIVE INHALATION OF VAPORS CAN CAUSE NASAL AND RESPIRATORY IRRITATION.

### Section 4. First aid measures

EYE CONTACT: FLUSH WITH LARGE AMOUNTS OF WATER, LIFTING UPPER AND LOWER LIDS OCCASIONALLY.

SKIN CONTACT: THOROUGHLY WASH EXPOSED AREA WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING.

LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

INGESTION: IMMEDIATELY DRINK TWO GLASSES OF WATER AND INDUCE VOMITING BY EITHER GIVING IPECAC SYRUP OR BY PLACING FINGER AT BACK OF THROAT. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. GET MEDICAL ATTENTION IMMEDIATELY.

INHALATION: IF AFFECTED, REMOVE TO FRESH AIR. IF BREATHING IS DIFFICULT ADMINISTER OXYGEN. IF BREATHING HAS STOPPED GIVE ARTIFICIAL RESPIRATION. KEEP PERSON WARM, QUIET AND GET MEDICAL ATTENTION.

## Section 5. Fire fighting measures

EXTINGUISHING MEDIA: USE CARBON DIOXIDE OR DRY CHEMICAL FOR SMALL FIRES. USE ALCOHOL TYPE FOAM OR WATER SPRAY FOR LARGE FIRES.

FLASH POINT: 145 F / TCC      AUTO IGNITION TEMPERATURE: N/A

FLAMMABILITY LIMITS IN AIR % BY VOLUME: LEL – 1.1 / UEL – 13.8

FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS. USE WATER SPRAY TO COOL NEARBY CONTAINERS AND STRUCTURES EXPOSED TO FIRE. VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND AND BE IGNITED BY HEAT, PILOT LIGHTS AND OTHER IGNITION SOURCES AT DISTANT LOCATIONS. EXTINGUISH ALL NEARBY SOURCES OF IGNITION. ALL LARGE METAL CONTAINERS SHOULD BE GROUNDED DURING MATERIAL TRANSFER.

## Section 6. Accidental release measures

SMALL SPILLS: ABSORB LIQUID ON PAPER, VERMICULITE, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL. VENTILATE AREA.

LARGE SPILLS: ELIMINATE ALL IGNITION SOURCES (FLARES, FLAMES INCLUDING PILOT LIGHTS AND ELECTRICAL SPARKS). PERSONS NOT WEARING PROTECTIVE EQUIPMENT SHOULD BE EXCLUDED FROM AREA OF SPILL UNTIL CLEAN-UP HAS BEEN COMPLETED. STOP SPILL AT SOURCE, DIKE AREA OF SPILL TO PREVENT SPREADING, PUMP LIQUID TO SALVAGE TANK. REMAINING LIQUID MAY BE TAKEN UP ON SAND, CLAY, EARTH, FLOOR ABSORBENT OR OTHER ABSORBENT MATERIAL AND SHOVELED INTO CONTAINERS.

PREVENT RUN-OFF TO SEWERS, STREAMS OR OTHER BODIES OF WATER. IF RUN-OFF OCCURS NOTIFY PROPER AUTHORITIES, AS REQUIRED, THAT A SPILL HAS OCCURRED.

## Section 7. Handling and storage

KEEP AWAY FROM HEAT, SPARKS AND FLAMES. STORE IN COOL, DRY PLACE. VENT CONTAINER FREQUENTLY, AND MORE OFTEN IN WARM WEATHER, TO RELIEVE PRESSURE. ALL LARGE METAL CONTAINERS SHOULD BE GROUNDED DURING MATERIAL TRANSFER. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. DO NOT USE PRESSURE TO EMPTY CONTAINER. WASH SKIN THOROUGHLY AFTER HANDLING. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING.

## Section 8. Exposure controls/personal protection

FOR RESPIRATORY PROTECTION USE NIOSH-APPROVED CANNISTER RESPIRATOR IN THE ABSENCE OF ADEQUATE ENVIRONMENTAL CONTROLS AT POINT OF USE. USE NITRILE RUBBER GLOVES, AND CHEMICAL EYE GOGGLES.

VENTILATION – LOCAL EXHAUST

## Section 9. Physical and chemical properties

BOILING POINT: 315 F @ 1 ATM

VAPOR PRESSURE: 12.5 @ 20 C

VAPOR DENSITY: 4.6

SPECIFIC GRAVITY: .939 @ 20 C

MELTING POINT: N/A

EVAPORATION RATE: N/A

SOLUBILITY IN WATER: 100%

WATER REACTIVE: NONE

APPEARANCE AND ODOR: COLORLESS LIQUID WITH MILD ODOR.

## Section 10. Stability and reactivity

STABLE. AVOID STRONG OXIDIZING AGENTS, CARBON MONOXIDE AND VARIOUS HYDROCARBONS, ETC. HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

## Section 11. Toxicological information

NONE

## Section 12. Ecological information

NONE

### **Section 13. Disposal considerations**

DISPOSE OF CONTAMINATED PRODUCT AND MATERIALS USED IN CLEANING UP SPILLS OR LEAKS IN A MANNER APPROVED FOR THIS MATERIAL. CONSULT APPROPRIATE FEDERAL, STATE AND LOCAL REGULATORY AGENCIES TO ASCERTAIN PROPER DISPOSAL PROCEDURES.

NOTE: EMPTY CONTAINERS CAN HAVE RESIDUES, GASES AND MIST, AND ARE SUBJECT TO PROPER WASTE DISPOSAL AS ABOVE.

### **Section 14. Transport information**

CLASS 55 FOR GROUND TRANSPORTATION.

### **Section 15. Regulatory information**

NONE

### **Section 16. Other information**

DO NOT CUT, GRIND, WELD OR DRILL ON OR NEAR THIS CONTAINER. CONTAINERS, EVEN THOSE THAT HAVE BEEN EMPTIED, WILL RETAIN PRODUCT RESIDUE AND VAPORS. ALWAYS OBEY HAZARD WARNINGS AND HANDLE EMPTY CONTAINERS AS IF THEY WERE FULL.

NFPA RATING: HEALTH -0 / FLAMMABILITY - 3 / REACTIVITY - 0 / SPECIAL - NONE

## ***FOR MORE INFORMATION CALL:***

- IN THE USA: 877 278 6630
- FAX: 559 292 0903
- ON THE WEB: [www.knappproducts.com](http://www.knappproducts.com)
- E-MAIL: [bob@astoneusa.com](mailto:bob@astoneusa.com)