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ITEM # 79316 KSS THUNDERBOLT RTU EFFECTIVE 04/25/2001
KSS ENTERPRISE (SEE SECTION 10 FOR ADDRESS/PHONE #)

***** SECTION 1 - MATERIAL IDENTIFICATION *****

- 1. CHEMICAL NAME AND SYNONYMS N/E
- 2. TRADE NAME AND SYNONYMS KSS THUNDERBOLT RTU
- 3. CHEMICAL FAMILY AN AQUEOUS SOLUTION OF GLYCOL ETHERS,
AND ANIONIC SURFACTANT.
- 4. FORMULA 40-120-2
- 5. HAZARDOUS RATING SYSTEM VIA HMIS
HEALTH = 2 FLAMMABILITY = 0 REACTIVITY = 0 PERSONAL PROTECTION = C

***** SECTION 2 - HAZARDOUS INGREDIENTS ****

- 1. INGREDIENT TLV
% (UNITS)
- *ETHYLENE GLYCOL MONOBUTYL
ETHER 111-76-2 <20% 50 PPM

CARCINOGENS: NONE SUSPECTED.
TSCA: ALL COMPONENTS LISTED.

* NOTIFICATION OF THESE CHEMICALS IS REQUIRED BY
SARA TITLE III SECTION 313. YOU MAY BE REQUIRED
TO REPORT THESE CHEMICALS ACCORDINGLY.

***** SECTION 3 - PHYSICAL DATA *****

- 1. BOILING POINT (F) ..N/E
- 2. VAPOR PRESSURE (MM HG)N/E
- 3. VAPOR DENSITY (AIR = 1) ..N/E
- 4. SOLUBILITY IN WATER ..COMPLETE
- 5. APPEARANCE AND ODOR ..CLEAR YELLOW-GREEN L
PINE SCENT
- 6. SPEC. GRAVITY (WATER=1)0.99
- 7. % VOLATILE BY VOLUME ..9#/GALL
- 8. EVAP. RATE (N-BUTYLACETATE = 1) .. N/E
- 9. FREEZING/MELTING POINT (DEG/F) .. N/E
- 10. PH OF SOLUTION12.3
- 11. HEAT OF SOLUTION ...N/E

***** SECTION 4 - FIRE AND EXPLOSION HAZARD *****

- 1. FLASH POINT (METHOD USED)..... NONFLAMMABLE
- 2. FLAMMABLE LIMITS LEL N/A UEL N/A
- 3. EXTINGUISHING MEDIA USE APPROPRIATE EXTINGUISHING
MEDIA FOR THE SURROUNDING FIRE.
- 4. SPECIAL FIRE FIGHTING PROCEDURES, SELF-CONTAINED BREATHING APPARATUS
AND FULL PROTECTIVE CLOTHING SHOULD BE WORN WHEN FIGHTING FIRES INVOLVING
CHEMICALS.
- 5. UNUSUAL FIRE AND EXPLOSION HAZARDS,... NONE

***** SECTION 5 - SPECIAL PRECAUTIONS ****

- 1. PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE .. USE COMMON SENSE AND SOUND INDUSTRIAL
HYGIENE.
- 2. OTHER PRECAUTIONS NONE

***** SECTION 6 - HEALTH HAZARD DATA *****

- 1. THRESHOLD LIMIT VALUE N/E
- 2. OVEREXPOSURE EFFECTS/COMMENTS
- 2B. EXPOSURE LIMITS/DATA
- OSHA: N/E ACGIH: N/E
- PEL/TWA: TLV/TWA:
- PEL/CEILING: TLV/STEL:
- OTHER EFFECTS/DATA:
- EYES: IRRITATION.
- SKIN: IRRITATION.

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INGESTION: IRRITATION, VOMITING, NAUSEA.
INHALATION: N/E

3. EMERGENCY & FIRST AID PROCEDURES

3B. ADDITIONAL DATA EYES: Immediately flush with of water for at least 15 minutes while keeping eye lids opened. Get medical attention if irritation persists. SKIN: Wash with plenty of soap and water. Wash contaminated clothing before re-use. Get medical attention if irritation persists. INGESTION: Give milk or water to dilute. Induce vomiting. Get immediate medical attention. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON!!! INHALATION: Remove victim to fresh air. If person is having difficulty in breathing, perform artificial respiration and get immediate medical attention.

***** SECTION 7 - REACTIVITY DATA *****

- 1. UNSTABLE .. 2. STABLE .. X
- 3. INCOMPATIBILITY (MATERIALS TO AVOID) . STRONG OXIDIZERS
- 4. HAZARDOUS DECOMPOSITION PRODUCTS CO FROM BURNING
- 5. HAZARDOUS POLMERIZATION NO
- 6. CONDITIONS TO AVOID N/E

***** SECTION 8 - SPILL OR LEAK PROCEDURES *****

WEAR NECESSARY PERSONAL PROTECTIVE EQUIPMENT. DIKE AREA TO PREVENT SPREADING OF SPILLED MATERIAL. COVER WITH AN INERT ABSORBENT, SHOVEL INTO APPROPRIATE CONTAINERS AND DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.
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***** SECTION 9 - SPECIAL PROTECTION INFORMATION *****

- 1. RESPIRATORY PROTECTION (SPECIFY TYPE) .. NONE NORMALLY NEEDED.
- 2. VENTILATION LOCAL
- 3. SPECIAL TO PREVENT SKIN CONTACT
- 4. PROTECTIVE GLOVES IMPERVIOUS
- 5. EYE PROTECTION SAFETY GOGGLES OR GLASSES
- 6. OTHER PROTECTIVE EQUIPMENT POTABLE WATER FOR ACCIDENTAL SKIN OR EYE CONTACT.

***** SECTION 10 - INFORMATION SOURCES *****

INFORMATION ON THIS FORM IS FURNISHED SOLELY FOR THE PURPOSE OF COMPLIANCE WITH OSHA'S 'HCA' AND SHALL NOT BE USED FOR ANY OTHER PURPOSE.
269-349-6637 800-535-5053
KSS ENTERPRISE
616 EAST VINE STREET
KALAMAZOO, MI 49001

***** SECTION 11 - EMPTY CONTAINER INFORMATION *****

ANY DISPOSAL PRACTICES MUST BE IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL LAWS. ANY QUESTIONS REGARDING DISPOSAL SHOULD BE DIRECTED TO THE PROPER GOVERNMENT AGENCY.

***** SECTION 12 - TRANSPORTATION REQUIREMENTS *****

DOT CLASSIFICATION NOT REGULATED
PROPER SHIPPING NAME NOT REGULATED
UN# -OR- NA# N/A

N/A = NOT APPLICABLE

N/E = NONE ESTABLISHED