

MATERIAL SAFETY DATA SHEET

Kobbé-McCawley, LLC

Product Code:



INDUSTRIAL
REFRIGERATION
PARTS, LLC

SECTION 1--PRODUCT IDENTIFICATION

PRODUCT NAME: **Ammonia Leak Detectors** Rev. Date 04-17-08
COMMON NAME: **Sulphur Taper (stick)** CAS Number: 7704-34-9

PHYSICAL DESCRIPTION: Taper no longer than 8" x 1/8" yellow to buff cellulose cordage impregnated with sulphur.

MANUFACTURER: Kobbé-McCawley LLC
P.O. Box 109
Jefferson, NC 28640-0109

EMERGENCY PHONE NUMBER
(336) 982-3107

SECTION 2 --- PHYSICAL PROPERTIES

BOILING POINT: 444.6C SPECIFIC GRAVITY: 2.07
MELTING POINT: 112.5-119C % SOLUBILITY IN WATER: Insoluble

SECTION 3 -- HAZARDOUS INGREDIENTS

If present, chemicals subject to SARA III reporting requirements:

| INGREDIENT: | CAS# | %VOL | PEL | TLV |
|-------------|-------|-------|-------|-------|
| None | _____ | _____ | _____ | _____ |

SECTION 4 -- FIRE AND EXPLOSION HAZARDS

FLASH POINT: 207C AUTO IGNITION TEMP: 232C
EXPLOSIVE LIMITS IN AIR: Lower - 35g/M3 Upper - 1400g/M3
EXTINGUISHING MEDIA: Water, sand, or fine earth to exclude oxygen.
SPECIAL FIRE FIGHTING INSTRUCTIONS: Wear self contained breathing apparatus.
CONDITIONS TO AVOID: Do not use if ammonia concentration in air is in range of 15% to 28%.
HAZARDOUS DECOMPOSITION PRODUCTS: Sulphur dioxide, other sulphur oxides, hydrogen sulphide.

SECTION 5--HEALTH HAZARD

SYMPTOMS:

- EYES:** Sulphur dioxide gas generated by lighted detector can cause severe irritation.
- SKIN:** Upon continued or repeated contact, may cause irritation of the skin. Avoid flame coming in contact with body tissue.
- INHALATION:** Sulphur dioxide gas generated by lighted detector can cause severe irritation to nose, throat and lungs. Avoid inhaling fumes. Use of Taper is local and temporary.
- INGESTION:** Sulphur has a low order of toxicity.

FIRST AID:

- EYES:** Rinse eyes with water for 10-15 minutes. Consult a physician should irritation persist.
- SKIN:** Wash with soap and water. Consult a physician should symptoms or irritation persist.
- INHALATION:** Move to fresh air. Consult a physician should symptoms or irritation persist.
- INGESTION:** If large amounts are swallowed, immediately call a physician.

SECTION 6 --- REACTIVITY

- STABILITY:** Stable
- HAZARDOUS POLYMERIZATION:** Will not occur.
- INCOMPATIBILITY:** Potentially explosive mixtures are formed when in contact with oxidizing materials. Separate from chlorates, nitrates, charcoal, metals, carbides, halogens and other oxidizers.
- HAZARDOUS DECOMPOSITION:** Upon oxidation, will form oxides of sulphur, including sulphur dioxide and sulphur trioxide. Formation of hydrogen sulphide may occur.

SECTION 7-- SPILL OR LEAK PROCEDURE

- CLEAN UP PROCEDURES:** Use normal clean-up procedures.
- WASTE DISPOSAL:** Not a RCRA listed hazardous waste. Waste should be handled in accordance with local, state and federal regulations.

SECTION 8

- RESPIRATORY PROTECTION:** Avoid inhaling fumes generated by lighted detector. Use of detector is local and temporary.
- VENTILATION:** Use good general ventilation.
- HAND PROTECTION:** Do not allow flame to contact body tissue or any combustible material --thick leather gloves recommended.
- EYE PROTECTION:** Use safety glasses.

DISCLAIMER

This information relates to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of Kobbé-McCawley Corporation's knowledge and belief, accurate and reliable as of the date indicated. However, no representation, warranty or guarantee is made as to its accuracy, reliability or completeness. It is user's responsibility to satisfy himself as to the suitability and completeness of such information for their own particular use.