



MATERIAL SAFETY DATA SHEET

SECTION 1. MATERIAL AND MANUFACTURER INFORMATION

Manufacturer's Name: **McKinley Resources**
PO Box 810472
Dallas, TX 85381

Emergency Telephone No.: 972-620-9730

Revision Date: August 17, 2009
Product Name: **Benzophenone-3**
INCI Name: Benzophenone-4 / Sulisobenzone

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENT

Chemical Name: 2-Hydroxy -4-Methoxybenzophenone
CAS#: 4065-45-6
EINECS #: 223-772-2

SECTION 3. HAZARDS IDENTIFICATION

Appearance: PALE, YELLOW COLORED POWDER.
Principal Hazard: IRRITATING TO EYES AND SKIN.

SECTION 4. FIRST AID MEASURES

INHALATION: INHALATION OF DUST MAY IRRITATE THE RESPIRATORY TRACT. REMOVE TO FRESH AIR. GET MEDICAL ATTENTION FOR ANY BREATHING DIFFICULTY.

SKIN CONTACT: MAY RESULT IN IRRITATION. WASH AFFECTED AREA WITH SOAP AND WATER, AND IF IRRITATION DEVELOPS CONSULT PHYSICIAN.

EYE CONTACT: MAY PRODUCE IRRITATION. FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES AND CONSULT PHYSICIAN.

INGESTION: MAY CAUSE IRRITATION, IF LARGE AMOUNTS WERE SWALLOWED DRINK WATER AND GET MEDICAL ATTENTION.

CHRONIC EXPOSURE: CHRONIC EXPOSURE MAY CAUSE SOME INDIVIDUALS TO BECOME HYPERSENSITIVE TO THIS SUBSTANCE.

SECTION 5. FIRE FIGHTING MEASURES

FIRE FIGHTING MEDIA: WATER SPRAY, CARBON DIOXIDE, DRY EXTINGUISHING MEDIA, FOAM.

SPECIAL PROTECTIVE EQUIPMENT: WEAR SELF-CONTAINED BREATHING APPARATUS AND PROTECTIVE SUIT.

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FURTHER INFORMATION:

DISPOSE OF FIRE DEBRIS AND CONTAMINATED EXTINGUISHING WATER IN ACCORDANCE WITH LOCAL REGULATIONS.

SECTION 6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

AVOID DUST FORMATION.

ENVIRONMENTAL PRECAUTIONS:

DO NOT LET PRODUCT ENTER DRAINS.

METHOD OF DISPOSAL:

SWEEP/SHOVEL PRODUCT INTO SEALED CONTAINER FOR DISPOSAL.

DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS CONCERNING SOLID WASTE DISPOSAL.

SECTION 7. HANDLING AND STORAGE

KEEP IN A TIGHTLY CLOSED CONTAINER, STORED IN A COOL DRY, VENTILATED AREA. PROTECT AGAINST PHYSICAL DAMAGE, AND CONTACT FROM INCOMPATIBLE SUBSTANCES.

SECTION 8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

VENTILATION:

LOCAL EXHAUST TO CONTROL DUSTING.

RESPIRATOR:

APPROVED DUST RESPIRATOR.

CLOTHING:

COVERALLS AND APRON TO AVOID SKIN CONTACT.

GLOVES:

REQUIRED TO AVOID SKIN CONTACT

EYE PROTECTION:

CHEMICAL GOGGLES OR SIDE SHIELD SAFETY GLASSES. CONTACT LENSES SHOULD NOT BE WORN.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

YELLOW TO BEIGE POWDER

ODOR:

CHARACTERISTIC

MELTING POINT:

>120°C

pH (10% aq. sol. / 20°C):

< 2

BULK DENSITY:

(g/ml) APPROX. 0.80

VAPOR PRESSURE (mm Hg):

NA

PERCENT VOLATILE BY VOLUME (%):

NA

VAPOR DENSITY (AIR=1):

NA

EVAPORATION RATE:

NA

SOLUBILITY IN WATER:

SOLUBLE IN WATER

SECTION 10. STABILITY AND REACTIVITY

STABILITY:

STABLE UNDER ORDINARY CONDITIONS OF USE AND STORAGE.

INCOMPATIBILITIES:

STRONG OXIDIZERS

HAZARDOUS DECOMPOSITION PROD.:

CARBON DIOXIDE AND CARBON MONOXIDE MAY FORM WHEN HEATED TO DECOMPOSITION.

HAZARDOUS POLYMERIZATION:

WILL NOT OCCUR

SECTION 11. TOXICOLOGICAL INFORMATION



ACUTE TOXICITY:

LD50/ORAL/RAT: > 5000 mg/kg
PRIMARY SKIN IRRITATION/RABBIT: IRRITANT
PRIMARY MUCOUS MEMBRANE IRRITATION/RABBITS' EYES: IRRITANT
OTHER INFORMATION: AMES-TEST: NO MUTAGENIC EFFECT.

EXPERIENCE IN HUMANS:

DANGER OF SKIN SENSITIZATION ON REPEATED CONTACT.
RIPT – 5% AQUEOUS SOLUTION: NON-IRRITANT; NO SENSITIZING EFFECT.

SECTION 12. ECOLOGICAL INFORMATION

NO DATA AVAILABLE.

SECTION 13. DISPOSAL CONSIDERATIONS

DISPOSE OF PRODUCT IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION 14. TRANSPORTATION INFORMATION

US DOT: NOT REGULATED
IMDG: NOT REGULATED
ICAO: NOT REGULATED

SECTION 15. REGULATORY INFORMATION

LABELLING ACCORDING TO EEC DIRECTIVES:

Xi – IRRITANT
R36/38 – IRRITATING TO EYES AND SKIN
S26 – IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ATTENTION.

NATIONAL LEGISLATION/REGULATIONS:

WATER HAZARD CLASS: WGK 1 (GERMANY) (SELF CLASSIFICATION)

SECTION 16. OTHER INFORMATION

NFPA RATING: THESE RATINGS ARE BASED ON NFPA CODE 704 AND ARE INTENDED FOR USE BY EMERGENCY PERSONNEL TO DETERMINE THE IMMEDIATE HAZARDS OF A MATERIAL.

HEALTH: 2
FLAMMABILITY: 1
REACTIVITY: 0

HMIS (USA):



HEALTH: 1
FIRE HAZARD: 1
REACTIVITY: 0

HISTORY:

ISSUE DATE: 10/09/1999
REVISION DATE: 08/17/2009