# ACETYLACETONATODICARBONYL RHODIUM(I) CAS # 14874829

A Special Carcinogen E Dermal Hazard I Neurotoxin

B Human Terato\Repro Haz F Corrosive J Suspect Carcinogen

C Highly Toxic G Eye Damage K Suspect Terato\Repro Haz

D Inhalation Hazard H STEL L Sensitizers

HAZARD INDEX . . . . . . . . . . K .

NFPA HAZARD CODES (H,F,R,O) 0 0 0

INHALATION RISK INDEX <1 - LC50

ROUTE OF EXPOSURE

Inhalation: Material is irritating to mucous membranes and upper

respiratory tract.

Multiple Routes: Harmful if swallowed, inhaled, or absorbed

through skin. Causes eye and skin irritation.

SIGNS AND SYMPTOMS OF EXPOSURE

May liberate 2,4-pentanedione upon decomposition.

2,4-Pentanedione has the following toxicological hazards: toxic,

irritant, neurological hazard, teratogen, possible mutagen,

target organ - thymus. In humans, 2,4-pentanedione is reported

to cause contact dermatitis and contact urticaria.

CONDITIONS AGGRAVATED BY EXPOSURE

May cause nervous system disturbances.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Solid

SEGREGATION: SHELF # 2

STORAGE GROUP(S):

g - Non-Reactive/Non-Hazardous

WASTE CHARACTERISTIC HAZARD:

INCOMPATIBILITIES:Strong oxidizing agents.

FIRE EXTINGUISHER: Water spray. Carbon dioxide, dry chemical powder, or

appropriate foam.

REACTIVE PROPERTIES

HANDLING: Avoid inhalation. Avoid contact with eyes, skin, and clothing.

Avoid prolonged or repeated exposure. STORAGE: Keep tightly closed. Store in

a cool dry place. Store under nitrogen\. SPECIAL REQUIREMENTS Air sensitive.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU ADDITIONAL CLASSIFICATION

Symbol of Danger: Xn

Indication of Danger: Harmful.

R: 20/21/22 36/37/38 63

Risk Statements: Harmful by inhalation, in contact with skin and

if swallowed. Irritating to eyes, respiratory system and skin.

Possible risk of harm to the unborn child.

S: 22 26 36

Safety Statements: Do not breathe dust. In case of contact with

eyes, rinse immediately with plenty of water and seek medical

advice. Wear suitable protective clothing.

The information presented in the OPMSDS is intended as a synopsis of relative hazard characteristics for this chemical, for application within the UMass-Boston Chem/XL Laboratory Program. This information is derived from a wide range of sources documented in that program. While these sources are considered credible, the user is cautioned that the university cannot guarantee the accuracy nor accept responsibility for damages which may arise from errors, omissions, or the use of this information in any context other than intended. The user is strongly encouraged to seek additional information whenever feasible.