# ACTIDIONE CAS # 66819

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 . . C . . . . . I J K L

NFPA HAZARD CODES (H,F,R,O) 3 0 0

EXTREMELY TOXIC - DESIGNATED AREA MAY BE REQUIRED

ACUTE TOXICTY RISK INDEX 5+ - LD50 2.0 mg/Kg

SOLVENT NARCOTIC OR NEUROTOXIN

INHALATION HAZARD

INHALATION RISK INDEX 2.4 - LC50

ROUTE OF EXPOSURE

skin Contact: Causes skin irritation.

skin Absorption: May be harmful if absorbed through the skin.

Eye Contact: May cause eye irritation.

Inhalation: Material may be irritating to mucous membranes and

upper respiratory tract. May be harmful if inhaled.

Ingestion: May be fatal if swallowed.

SENSITIZATION

Sensitization: Prolonged or repeated exposure may cause allergic

reactions in certain sensitive individuals.

TARGET ORGAN(S) OR SYSTEM(S)

Nerves. Kidneys. Adrenal cortex. Cardiovascular system.

SIGNS AND SYMPTOMS OF EXPOSURE

Exposure can cause: Dermatitis. Nausea, vomiting, diarrhea.

Tremors. To the best of our knowledge, the chemical, physical,

and toxicological properties have not been thoroughly

investigated.

PHYSICAL CHARACTERISTICS

PHYSICAL STATE: Solid

VAPOR PRESSURE .006000 mm Hg @ 20 °C

SEGREGATION: SHELF # 2

STORAGE GROUP(S):

g - Non-Reactive/Non-Hazardous

WASTE CHARACTERISTIC HAZARD: TOXIC

INCOMPATIBILITIES:Bases, Strong oxidizing agents, Acid anhydrides, Acid

chlorides.

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

appropriate foam.

TOXIC EMISSIONS WHEN BURNED: Nitrogen oxides

REACTIVE PROPERTIES

HANDLING: Do not breathe dust. Do not get in eyes, on skin, on clothing.

Avoid prolonged or repeated exposure. STORAGE: Keep tightly closed. Keep away

from heat, sparks, and open flame. Store in a cool dry place.

GLOBALLY HARMONIZED SYSTEM OF CLASSIFICATION

EU DIRECTIVES CLASSIFICATION

Symbol of Danger: T+ N

Indication of Danger: Very toxic. Dangerous for the environment.

R: 61 28 51/53 68

Risk Statements: May cause harm to the unborn child. Also very

toxic if swallowed. Toxic to aquatic organisms, may cause

long-term adverse effects in the aquatic environment. Also

possible risks of irreversible effects.

S: 53 45 61

Safety Statements: Restricted to professional users. Attention -

Avoid exposure - obtain special instructions before use. In case

of accident or if you feel unwell, seek medical advice

immediately (show the label where possible). Avoid release to

the environment. Refer to special instructions/safety data

sheets.

US DEPARTMENT OF ENERGY TEEL'S

DOE Occupational Exposure Limit .1 mg/m3

DOE Short Term Exposure Limit .3 mg/m3

DOE Ceiling Limit 2 mg/m3

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.