1. CHEMICAL IDENTITY

Chemical Name: Warfarin sodium

Chemical Classification: Toxic

Trade Name: 

Synonyms: Warfilone, Zoocoumarin sodium salt, Coumadin sodium, Coumarin, 3-(a-acetonylbenzyl)-4-hydroxy-,sodium salt, 2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-
oxo-1-phenylbutyl)-,sodium salt

Formula: C19H15NaO4

CAS No: 129-06-6

UN No: 3027

Regulated Identification

Shipping Name: 

Codes / Label: Class 6.1, Toxic

Hazchem Code: 2X

Hazardous Waste ID No: 

2. PHYSICAL / CHEMICAL DATA

Boiling Pt. °C: 

Physical State: Solid

Appearance: Slightly bitter crystalline powder

Vapour Pressure @ 35°C mmHg: 

Odour: Odourless.

Vapour Density(Air =1): 

Solubility in water at 30°C g/100ml: Freely soluble

Others: Organic solvents: ethanol.

Specific Gravity (Water =1): 

pH: 

3. FIRE / EXPLOSION HAZARD DATA

Flammability: 

TDG Flammability: 

LEL: 

UEL: 

Flash Point °C in OC: 

Flash Point °C in CC: 

Autoignition Temperature °C: 

Explosion sensitivity to impact: 

Explosion sensitivity to static Electricity: 

Hazardous Combustion Products: When heated to decomposition, it emits toxic fumes of sodium oxide

Hazardous Polymerization: 

Combustible Liquid: 

Explosive Material: 

Corrosive Material: 

Flammable Material: 

Oxidiser: 

Others: 

Pyrophoric Material: 

Organic Peroxide: 

4. REACTIVITY DATA

Chemical Stability: 

Incompatibility with other material: 

Reactivity: Contact with strong oxidizers may cause fires and explosions.
Hazardous Reaction Products

5. HEALTH HAZARD DATA

Routes of entry: Inhalation, Ingestion, Skin and Eyes

Effects of Exposure / Symptoms:
This material is highly toxic orally in humans. Long term overexposure may cause susceptibility to bruising, longer blood clotting times, blood in the stool and urine. Blotches on the skin.

Emergency Treatment:

Inhalation: Remove to fresh air. Give CPR and/or oxygen if required.

Skin: Wash with soap and water.

Eyes: Flush with water for 15 minutes.

Ingestion: Give water and induce vomiting. Never give anything to an unconscious person. Obtain medical attention.

LD50 (oral-rat) mg/kg: 8.7 mg/kg
LC50 (rat) mg/kg: STEL:
Permissible Exposure Limit:

TLV (ACGIH):
Odour Threshold:

Health Flammability Reactivity Special
Signals 1 0

6. PREVENTIVE MEASURES

Personal Protective Equipment:
Use safety glasses and full face shield, neoprene or tyvek gloves, apron, boots and/or whole body suit.

Handling:
All chemicals should be considered hazardous. Avoid direct physical contact. Use appropriate, approved safety equipment. Untrained individuals should not handle this chemical or its container. Handling should occur in a chemical fume hood.

Storage:
Store at away from heat and open flame. Do not store near feeds and foodstuffs and keep away from children, domestic animals, pets, or wildlife.

Precautions:

7. EMERGENCY / FIRST AID MEASURES

FIRE:

Fire Extinguishing Media:

Special Procedure:
Move container from fire area if you can do it without risk. Fight fire from maximum distance. Dike fire control water for later disposal; do not scatter the material.

Unusual Hazards:
When heated to decomposition, it emits toxic fumes of sodium oxide.

EXPOSURE: First Aid Measures:

Inhalation: Remove to fresh air. Give CPR and/or oxygen if required.

Skin: Wash with soap and water.

Eyes: Flush with water for 15 minutes.

Ingestion: Give water and induce vomiting. Never give anything to an unconscious person. Obtain medical attention.

Antidotes / Dosages:

SPIFFS:
Steps To Be Taken: Stop leak if you can do it without risk. Use water spray to reduce
vapors. For small spills, take up with sand or other noncombustible absorbent material and place into containers for later disposal. Large spills, dike far ahead of spill for later disposal.

Waste Disposal Method:

8. ADDITIONAL INFORMATION / REFERENCES

9. MANUFACTURERS / SUPPLIERS DATA

NAME OF FIRM : Contact person
MAILING ADDRESS : in Emergency :
TELEPHONE / TELEX NOS : Local Bodies involved :
TELEGRAPHIC ADDRESS : Standard Packing :
OTHERS : Trem Card Details / Ref :

10. DISCLAIMER

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Total No. of Pages: 3