

## Betz Dearborn Steamate 53

## INGREDIENTS

water  
 diethylhydroxylamine  
 hydroquinone

## CAS No

7732-18-5  
 3710-84-7  
 123-31-9

## %

30-60  
 10-30  
 1-10

## 8hr OEL

-  
 2 ppm  
 1 mg/m<sup>3</sup>

## NFPA RATING



NFPA Rating: 0: Minimum, 1: Low, 2: Moderate, 3: High, 4: Extreme



UN No: 1993  
 Hazchem Code: Not Applicable  
 DG Class: 3  
 Subsidiary Risk: Not Applicable  
 Packing Group: III  
 Poisons Schedule: Not Available

## PROPERTIES

Liquid. Mixes with water. Flammable.

## HEALTH HAZARD INFORMATION



## ACUTE HEALTH EFFECTS:

Harmful by inhalation, in contact with skin and if swallowed.  
 Irritating to respiratory system and skin.  
 Risk of serious damage to eyes.  
 May cause SENSITISATION by skin contact.  
 Possible risk of irreversible effects.

## CHRONIC HEALTH EFFECTS:

Limited evidence of a carcinogenic effect.

## SAFE STORAGE WITH OTHER CLASSIFIED CHEMICALS

			
Explosive X	Toxic X	Radioactive X	Oxidizing X

X: Must not be stored together

## PRECAUTIONS FOR USE



## APPROPRIATE ENGINEERING CONTROLS:

General Exhaust Ventilation adequate.

## GLASSES:

Consider chemical goggles.

## GLOVES:

1.NEOPRENE 2.NATURAL RUBBER

## RESPIRATOR:

Type AK-P Filter of sufficient capacity. (AS/NZS 1716 & 1715, EN 143:2000 & 149:2001, ANSI Z88 or national equivalent)

## STORAGE AND TRANSPORTATION:

Store in cool, dry, protected area.  
 Restrictions on Storage apply. Refer to Full Report.

## FIRE/EXPLOSION HAZARD:

Flammable.  
 Vapours/gas heavier than air.  
 Toxic smoke/fumes in a fire.

## ENVIRONMENT:

Toxic to aquatic organisms. Use appropriate container to avoid environmental contamination.

## EMERGENCY



## FIRST AID

## SWALLOWED:

Contact Doctor or Poisons Centre.  
 Give glass of water.

## EYE:

Wash with running water (15 mins). Medical attention.

## SKIN:

Remove contaminated clothing. Wash with soap & water.

## INHALED:

Fresh air. Rest, keep warm.

## ADVICE TO DOCTOR:

Treat symptomatically.

## FIRE FIGHTING:

Water spray/ fog.

## SPILLS AND DISPOSAL:

Eliminate ignition sources.  
 Prevent from entering drains.  
 Contain spillage by any means.  
 Absorb with dry agent.  
 Stop leak if safe to do so.

For further information call Environmental Protection: 880-9714 (DH) or 427-0158 (JID)

For proper disposal methods and locations for the chemical or chemical contaminated material, contact the Environmental Engineering Division on 880-9767