

ANNEX 4

EHS No. _____

**HAZARD EVALUATION OF HARMFUL SUBSTANCES
IN THE MARINE ENVIRONMENT****DATA SHEET**1. Material/Substance:

Description, physical state, and form:

Active ingredients:

2. Identification

Alternative chemical name(s)/Trade names:

Uses:

UN No.:

CAS No.:

RTECS No.:

3. Characterization

Molecular weight:

Chemical formula (molecular):

Carbon Number:

Chemical formula (structural):

Class:

4. Physical and Chemical Properties

Boiling point: °C Freezing point: °C Flash point: °C

Specific gravity: Water solubility: Viscosity:

Vapour pressure: Odour (and threshold):

COD: BOD:

Notes:

5. Bioaccumulation and Biodegradation (Column A)

Log Pow (measured):	Log Pow (Calculated):	Rating (A1a):
BCF (measured):	BCF (calculated):	Rating (A1b):
Ready biodegradability:		Rating (A2):
References:		
Notes:		

6. Aquatic Toxicology (Column B)

Acute toxicity:	<u>species</u>	<u>LC50</u>	Rating (B1):
		mg/l	
		mg/l	
		mg/l	
References:			
Chronic toxicity:			Rating (B2):
References:			

7. Acute Mammalian Toxicology (Columns C & D)

Peroral LD50:	mg/kg	species:	Rating (C1):
	mg/kg	species:	
References:			
Percutaneous LD50:	mg/kg	species:	Rating (C2):
	mg/kg	species:	
References:			
Inhalation LC50:	ppm	species:	Rating (C3):
	ppm	species:	
References:			

Other routes:

Irritation: skin
eye

Rating (D1):

Rating (D2):

Sensitization: skin
respiratory

References:

Specific health concerns (specific organ toxicity, long-term and chronic adverse health effects, carcinogenicity, other):

Notes:

Rating (D3):

8. Interferences with other Uses of the Sea (Column E)

Tainting of seafood: mg/l Odour detection threshold: mg/l **Rating (E1):**
(aqueous solution)

Effect on beaches and amenities: **Rating (E2):**

Effect on wildlife and seabed: **Rating (E3):**

9. Remarks (Column F):

Relevant physiochemical properties

Reactivity with sea water

Specific health concerns

Candidate chemical for review

Rating (F):

ASSIGNED HAZARD PROFILE:

Revised profile system:

- Column **A1a** (Bioaccumulation) -----
- Column **A1b** (Bioaccumulation) -----
- Column **A2** (Biodegradation) -----
- Column **B1** (Acute Aquatic Toxicity) -----
- Column **B2** (Chronic Aquatic Toxicity) -----
- Column **C1** (Acute Toxicity by Swallowing) -----
- Column **C2** (Acute Toxicity by Skin Penetration) -----
- Column **C3** (Acute Toxicity by Vapour Inhalation) -----
- Column **D1** (Skin Irritation/Corrosivity) -----
- Column **D2** (Eye Irritation/Corrosivity) -----
- Column **D3** (Specific Health Concerns) -----
- Column **E1** (Tainting and Odour) -----
- Column **E2** (Beaches and Amenities) -----
- Column **E3** (Wildlife and Seabed) -----
- Column **F** (Remarks) -----

Current Profile system:

A B C D E Remarks

Date of initial profile assignment: (EHS 3__)

Date(s) profile reviewed: (EHS 3__)
 (EHS 3__)

Change(s) to profile and remarks:
