
APPENDIX 1: HAZARDOUS SUBSTANCES IDENTIFICATION PRO-FORMA

APPENDIX 2: HAZARDOUS SUBSTANCES RISK ASSESSMENT PRO-FORMA

FSC has two standard pro-formas for Hazard Identification and Risk Assessment. Modified versions of these two pro-formas are reproduced on the following pages for use specifically with hazardous substances.

HAZARDOUS SUBSTANCES IDENTIFICATION

NAME OF CENTRE Slapton Ley

DATE OF ASSESSMENT 28/05/09

PERSON(S) COMPLETING ASSESSMENT Gemma Langworthy and Maryanne Wills

HAZARDOUS SUBSTANCES	LOCATION	EXAMPLES OF HAZARD
	OR X	
POWDERS & DUST		
Barium sulphate	Locked cupboard in soils lab	<ul style="list-style-type: none"> • May irritate eyes or act as a respiratory irritant • Wash hands after use First aid: Irrigate, remove from exposure wash off thoroughly
Sulphur	Locked cupboard in soils lab	<ul style="list-style-type: none"> • Irritating to eyes, skin and respiratory system • For tutor use only • Wear safety glasses. Wash hands after use • Do not flush down the sink First aid: Irrigate. Call for immediate medical help if swallowed
Dissolved Oxygen Reagent 3	Locked cupboard in soils lab	<ul style="list-style-type: none"> • Corrosive, causes severe burns • Avoid contact with skin and eyes First Aid: Rinse immediately with plenty of water
OTHER HAZARDOUS SUBSTANCES		
Dissolved oxygen kit reagent B (Sodium hydroxide, Potassium iodide, Sodium azide)	Locked cupboard in soils lab	<ul style="list-style-type: none"> • Corrosive, harmful by skin contact, may cause serious eye damage. Irritant, may irritate lungs or eyes. V. toxic, ingestion or inhalation may be fatal, can be absorbed through the skin • For tutor use only • Do not flush down the sink First aid: Irrigate eyes. Wash skin with soap
Dissolved oxygen kit reagent A (Manganese (II) sulphate monohydrate)	Locked cupboard in soils lab	<ul style="list-style-type: none"> • Harmful if inhaled, swallowed or absorbed through the skin. Eye, skin and respiratory irritant. Possible mutagen, may lead to decreased fertility • For tutor use only First aid: Irrigate eyes, wash off skin
Dissolved Oxygen kit reagent C (Sulphuric acid)	Locked cupboard in soils lab	<ul style="list-style-type: none"> • Corrosive. Can cause serious burns to mouth, eyes and skin. Harmful by

		<p>ingestion and skin contact</p> <ul style="list-style-type: none"> For tutor use only <p>First aid: Irrigate eyes. Wash off skin</p>
Nutrafin Phosphate testing kit reagent 1 (sulphuric acid + Ammonium molybdate)	Locked cupboard in soils lab	<ul style="list-style-type: none"> Irritant: to eyes and skin. Can cause serious burns to eyes, mouth and skin. Wash hands after use <p>First aid: flush area with water. Seek immediate medical attention</p>
Nutrafin Phosphate testing kit reagent 2 (Antimony potassium tartrate)	Locked cupboard in soils lab	<ul style="list-style-type: none"> Harmful: may cause irritation and pain to eyes, skin and mouth Wash hands after use <p>First aid: flush area with water. Seek immediate medical attention</p>
pH soil tester kit (tablets)	Locked cupboard in soils lab	<ul style="list-style-type: none"> Do not flush down the sink Wash hands after use
Nutrafin Phosphate testing kit reagent 3 (Propylene glycol)	Locked cupboard in soils lab	<ul style="list-style-type: none"> Prolonged or repeated contact may cause irritation to skin and eyes Wash hands after use <p>First aid: flush area with water. Seek immediate medical attention</p>
Nitrate testing strips	Locked cupboard in soils lab	
Storage solution	Locked cupboard in soils lab	<ul style="list-style-type: none"> Non-hazardous For tutor use only <p>First aid: irrigate</p>
Decon neutracon (neutral cleaning solution)	Locked cupboard in soils lab	<ul style="list-style-type: none"> For tutor use only Avoid contact with skin and eyes <p>First aid: flush area with water, seek medical help if there is persistent irritation</p>
Decon 90 (alkali cleaning solution)	Locked cupboard in soils lab	<ul style="list-style-type: none"> For tutor use only Avoid contact with skin and eyes <p>First aid: flush area with water</p>
Buffer solution pH 7.01	Locked cupboard in soils lab	<ul style="list-style-type: none"> For tutor use only Non-hazardous <p>Wash skin with water and soap, irrigate eyes/mouth with water</p>
Buffer solution pH 4.01	Locked cupboard in soils lab	<ul style="list-style-type: none"> For tutor use only Non-hazardous <p>First aid: Wash skin with water and soap, irrigate eyes/mouth with water</p>
Conductivity Solution 1413 (HI 70031) 20ml	Locked cupboard in soils lab	<ul style="list-style-type: none"> For tutor use only Non-hazardous <p>First aid: Wash skin with water and soap, irrigate eyes/mouth with water</p>
Electrode Rinse Solution (HI 70000) 20m	Locked cupboard in soils lab	<ul style="list-style-type: none"> For tutor use only Non-hazardous <p>First aid: Wash skin with water and soap, irrigate eyes/mouth with water</p>
Nutrafin Nitrate Testing Kit reagent 1(A-7846)	Locked in soils cupboard	<ul style="list-style-type: none"> Harmful: may cause irritation and pain to eyes, skin and mouth

		<ul style="list-style-type: none"> Wash hands after use <p>First aid: flush area with water. Seek immediate medical attention</p>
Nutrofin Nitrate testing kit reagent 2(A-7847)	Locked in soils cupboard	<ul style="list-style-type: none"> Harmful: may cause irritation and pain to eyes, skin and mouth Wash hands after use <p>First aid: flush area with water. Seek immediate medical attention</p>
Nutrofin Nitrate testing kit reagent 3(A-7848)	Locked in soils cupboard	<ul style="list-style-type: none"> Harmful: may cause irritation and pain to eyes, skin and mouth Wash hands after use <p>First aid: flush area with water. Seek immediate medical attention</p>
Methanol (75% in distilled water) Dated 12/09/06	Locked in soils cupboard	<ul style="list-style-type: none"> For Tutor Use only Toxic and highly flammable Avoid contact with skin, inhalation or swallowing <p>First aid: Flush eyes with plenty of water, flush skin with plenty of soap and water, if ingested give 2 cups of milk to conscious person only. Seek medical attention immediately.</p>
PANDORAS BOX Dissolved Oxygen Reagent 1, 4, 5	Locked in soils cupboard	
PANDORAS BOX Dissolved Oxygen Reagent 2	Locked in soils cupboard	<ul style="list-style-type: none"> Corrosive, causes severe burns Avoid contact with skin and eyes <p>First Aid: Rinse immediately with plenty of water</p>
Water testing tablets <ul style="list-style-type: none"> Hardness tablets EDTA Bromothymol blue pH test m-CRESOL purple DPD No 1 Copper/Zinc 	Locked in soils cupboard	<ul style="list-style-type: none"> For chemical use only Not to be taken Keep away from children

Continue on additional sheet(s), if necessary