

# PROTECT YOUR CHILDREN'S FUTURE



**BURN MERCURY OUTSIDE,  
AWAY FROM WOMEN AND  
CHILDREN — USE A RETORT**

# HOW TO USE AND REUSE MERCURY



**USE MERCURY  
CAREFULLY**



**Global Mercury Project**



**Less Mercury, More Gold and Better Health**



## MERCURY IS POWERFUL

MERCURY CAN GRAB TINY PIECES OF GOLD

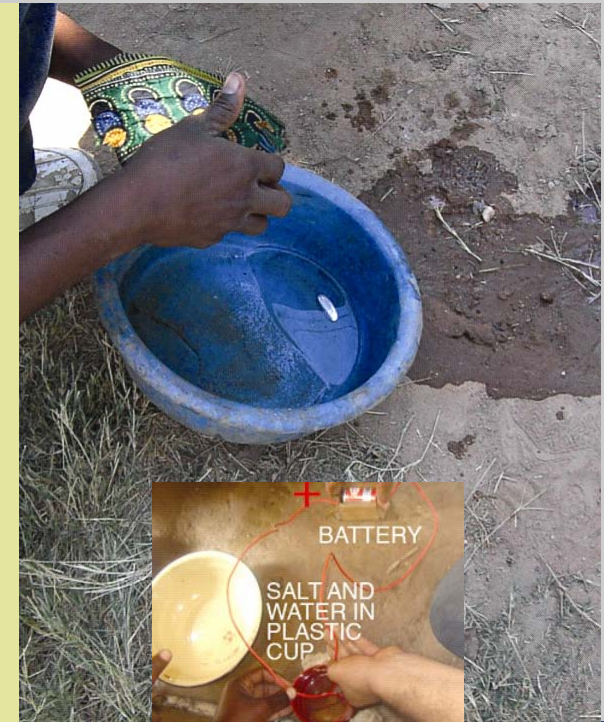
**BUT**  
MERCURY CAN MAKE YOU SICK IF NOT USED SAFELY



## PAN THE SAND TO RECOVER YOUR MERCURY

THIS MERCURY IS BROKEN INTO LITTLE DROPS

USE THE BATTERY AND SALT TO ACTIVATE THE MERCURY



## MERCURY IS DANGEROUS

### ALWAYS USE A RETORT

DO NOT USE A RETORT IN AN ENCLOSED AREA

BURN OUTSIDE  
AWAY FROM OTHER  
PEOPLE



## YOUR MERCURY IS NOW CLEAN AND READY FOR REUSE

NO NEED TO BUY NEW MERCURY





## USE A RETORT MADE FROM KITCHEN BOWLS

CUT A HOLE THE  
SIZE OF A METAL  
CUP IN A STEEL OR  
ENAMEL KITCHEN  
BOWL

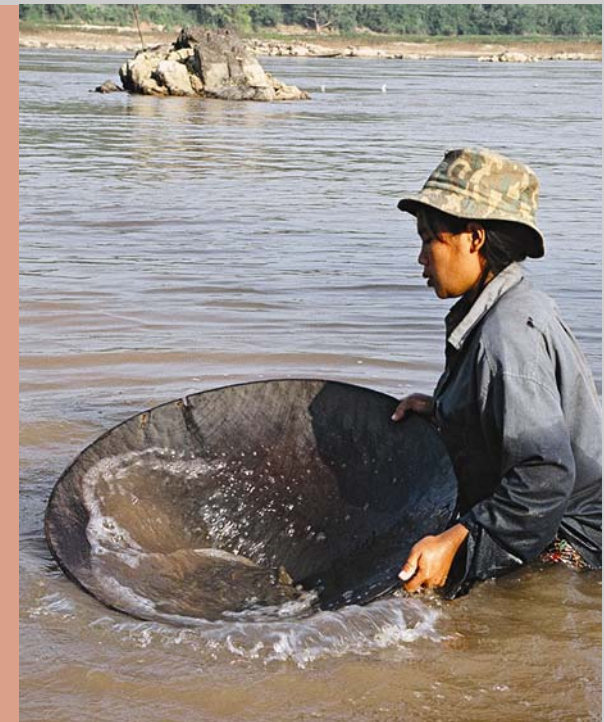
PUT A STAINLESS  
STEEL OR ENAMEL  
CUP INTO HOLE



## DON'T AMALGAMATE IN RIVERS

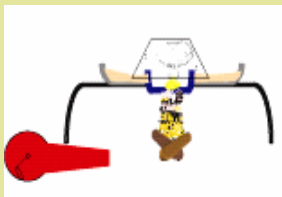
OR NEAR ANY  
DOMESTIC WATER  
SOURCE

AVOID AREAS USED  
FOR WASHING,  
COOKING, OR  
GROWING FISH

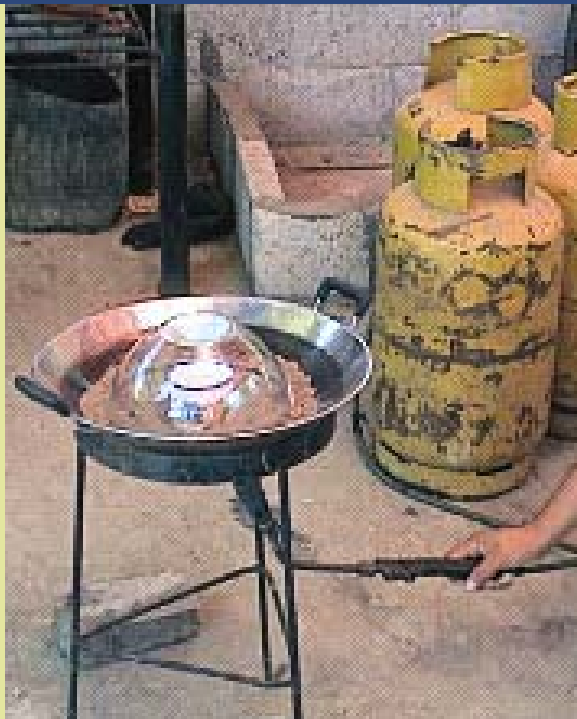


## KITCHEN BOWL RETORT

COVER WITH  
GLASS OR  
METAL BOWL  
AND SEAL WITH  
WET SAND



MERCURY IS  
TRAPPED BY THE  
COVER BOWL  
AND SAND



## USE IT CAREFULLY

ALWAYS USE  
AMALGAMATION PONDS



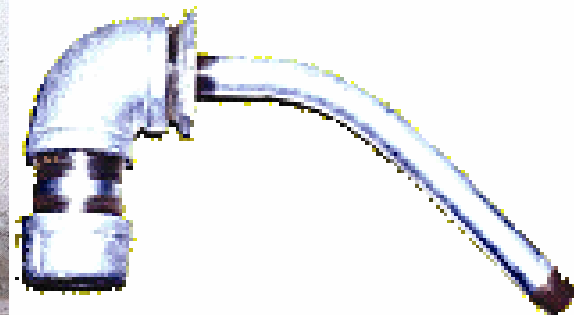
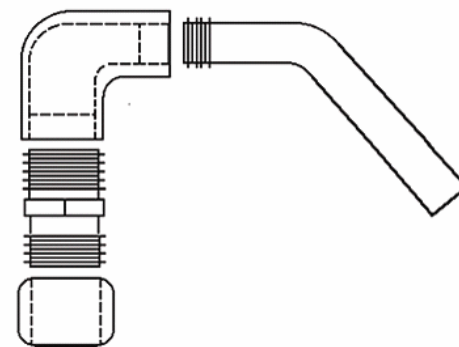


**AMALGAMATE  
CONCENTRATE  
ONLY**

**3 LITRE AMALGAMATION BARREL**

**USE ONLY 1 PART  
OF MERCURY TO 100 PARTS OF CONCENTRATE**

**YOU CAN  
MAKE  
RETORTS  
FROM  
WATER PIPES**



## **AMALGAMATION BARRELS**

**AVOID  
AMALGAMATING  
WITH YOUR  
HANDS**

**AMALGAMATION  
BARRELS USE LESS  
MERCURY AND SAVE  
MONEY**

**HAND  
AMALGAMATION  
IS VERY INEFFICIENT**



## **THE BIGGEST DANGER**

**USE A HOT FIRE**

**CONDENSE  
AND RECOVER  
THE MERCURY**

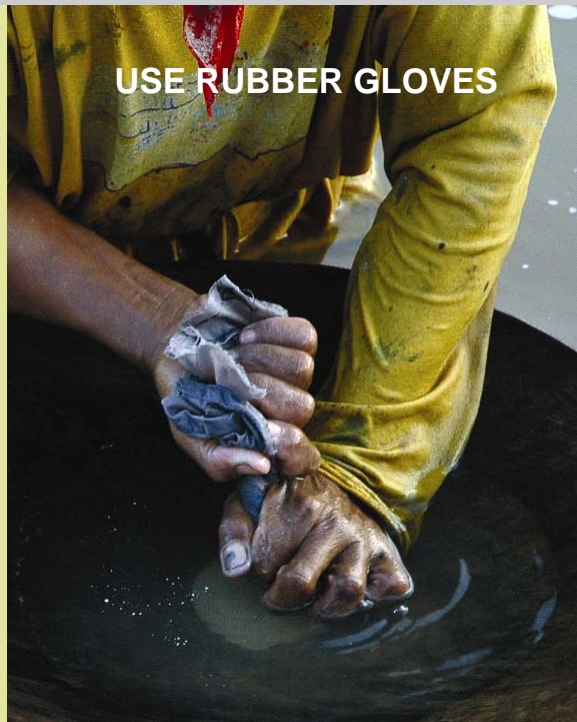
**ACTIVE AND  
REUSE THE  
MERCURY**





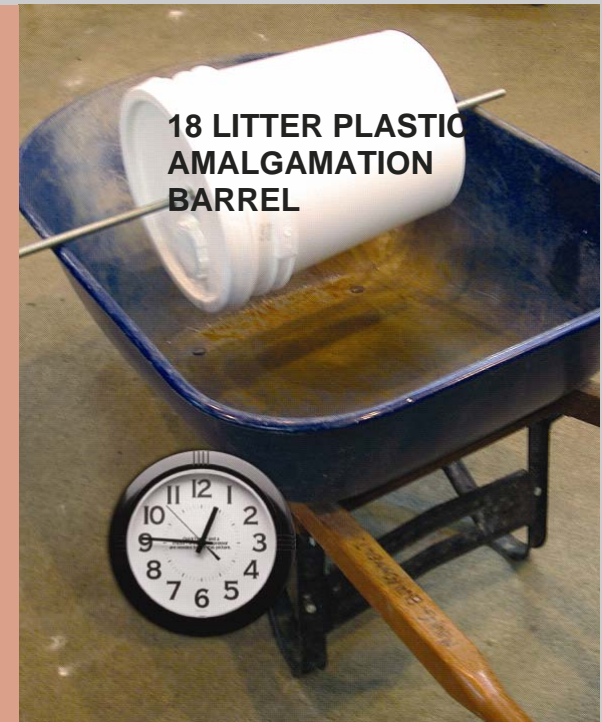
**DO NOT  
SQUEEZE  
MERCURY  
WITH BARE  
HANDS**

**USE GLOVES**



**AMALGAMATE  
IN BARREL  
FOR 30 TO 45  
MINUTES**

- TIME TOO SHORT**
- NOT ALL GOLD IS GRABBED
- TIME TOO LONG**
- MERCURY IS PULVERIZED AND GOLD ESCAPES



**MERCURY VAPOUR IS**

**DO NOT BURN  
AMALGAM IN  
HOME OR  
NEAR WOMEN  
AND CHILDREN**



**USE LESS MERCURY**

**RUBBER BALLS  
OR STEEL  
CHAIN INSIDE  
THE BARREL  
IMPROVE GOLD  
RECOVERY**





## ACTIVATED MERCURY WORKS BETTER

ONE SPOONFUL  
OF SALT PER TALL  
GLASS OF WATER

USE A GLASS OR  
PLASTIC CONTAINER  
NOT METAL!

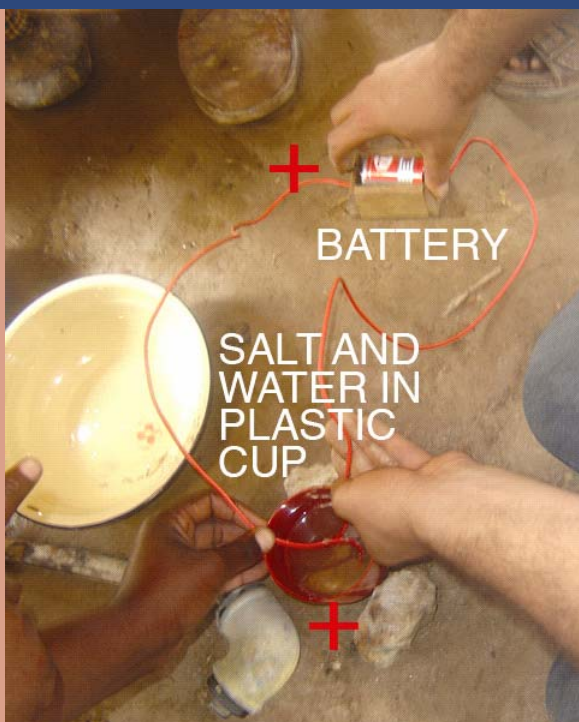


## ACTIVATE MERCURY

## ACTIVATE JUST BEFORE YOU AMALGAMATE

TAKES ONLY 10  
MINUTES

IMMERSE THE  
POSITIVE WIRE IN  
THE MERCURY AND  
THE NEGATIVE WIRE  
IN THE WATER



USE LESS MERCURY  
USE ONLY A SMALL AMOUNT  
(150 GRAMS) AMALGAMATE  
FOR AT LEAST 30 MINUTES

## USE LESS MERCURY

## THIS IS TOO MUCH MERCURY

USE AN  
AMALGAMATION  
BARREL

