

DATA SHEET FOR TOXICOLOGICAL AND SAFE HANDLING INFORMATION

1. PRODUCT NAME, NUMBER & SYNONYM: RADIACWASH 005-100, DETERGENT
2. MANUFACTURER'S NAME: ATOMIC PRODUCTS CORPORATION
3. MANUFACTURER'S ADDRESS: SHIRLEY, N.Y. 11967
4. GIVE THE COMPONENTS AND PERCENT COMPOSITION (PLEASE USE CHEMICAL NAMES).

ELEMENT OR COMPOUND (APPROX)	!	PERCENT (APPROX)	!	ELEMENT OR COMPOUND (APPROX)	!	PERCENT (APPROX)
---------------------------------	---	------------------	---	---------------------------------	---	---------------------

CONTAINS NO PHOSPHATES, CHROMATES, SILICATES, ENZYMES, BORATES,
ALUMINATES, CARBONATES, HALIDS AND INERT FILLERS. LESS THAN 50 PPM
CHLORIDE 10W.

IT IS A NON-ALKALINE, NON-CORROSIVE COMPOUND.

IT IS BIODEGRADABLE AND GERMICIDAL.

DILUTION PROCEDURE: FIVE (5) TO FORTY (40) PARTS OF WATER.

5. DESCRIPTION:
RADIACWASH IS A CONCENTRATED LIQUID SOLUTION USED AS A DECONTAMINANT FOR
RADIOACTIVE SPILLS AND GENERAL LABORATORY CONTAMINANTS. FAST ACTING, DOES
NOT REQUIRE SOAKING, HEATING OR ANY VIGOROUS AGITATION. IT SOLUBLIZES
NUCLIDIC ACTIVITY, INORGANIC OR ORGANIC POLAR OR NON-POLAR SPEEDILY AND
SAFELY AT ROOM TEMPERATURE.
6. FIRST AID TREATMENT:
 - A. INHALATION: NONE
 - B. SKIN CONTACT: RINSE THOROUGHLY WITH WATER
 - C. EYE CONTACT: FLUSH THOROUGHLY WITH WATER.
 - D. ANTIDOTE IN CASE OF SWALLOWING: PUMP STOMACH. RECOMMEND MEDICAL TREAT.
7. TOXICOLOGICAL INFORMATION:
 - A. ESTIMATE OF HAZARD BY INHALATION: IRRITATION TO MUCOUS MEMBRANES.
 - B. EFFECTS UPON THE SKIN: WILL CAUSE DRYNESS TO SKIN (REMOVES SKIN OILS).
 - C. EFFECT UPON THE EYES: WILL CAUSE IRRITATION AND DRYNESS OF EYE FLUIDS
 - D. ORAL TOXICITY: MAY CAUSE ABDOMINAL CRAMPS.

8. CHEMICAL AND PHYSICAL PROPERTIES:
 - A. SPECIFIC GRAVITY: PH LEVEL
 - B. BOILING POINT OR RANGE: ABOVE WATER.
 - C. CORROSIVE ACTION: NON-CORROSIVE.
 - D. DOES THE MATERIAL REACT VIOLENTLY WHEN EXPOSED TO AIR? WATER? HEAT?
AIR:NONE HEAT:NON-VIOLENT WATER:SOLUBLE IN WATER

OXIDIZERS: NON-VIOLENT

9. FIRE AND EXPLOSION HAZARD:

A. FLASH POINT F: CLOSED CUP: NOT APPLICABLE OPEN CUP: N/A

B. EXPLOSIVE LIMITS: (1% BY VOL., IN AIR): LOWER: N/A UPPER:

C. IT IS SUSCEPTIBLE TO SPONTANEOUS HEATING?

D. FIRE POINT F: N/A AUTO: IGNITION TEMP F:

E. WHAT PRODUCTS ARE LIKELY TO BE PRODUCED IN CASE OF FIRE OR ABNORMAL TEMPERATURES?

NONE.

F. SUITABLE EXTINGUISHING AGENTS: ACTS AS AN EXTINGUISHING AGENT.

10. RECOMMENDED PROCEDURE IN CASE OF LEAKAGE OR BREAKAGE: FLUSH WITH WATER, RINSE AND REMOVE.

11. TRANSPORTATION AND STORAGE RECOMMENDATION: STORE AT ROOM TEMPERATURE. UNLIMITED SHELF LIFE. SECURE ALL CAPS AND SPIGOTS PRIOR TO TRANSPORT.

12. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: PROPER DILUTION WITH WATER 1 TO 40 PARTS.

13. RECOMMENDED PROTECTIVE EQUIPMENT: WATER RESISTENT GLOVES.