

REV: 12/17/1993  
2396

**Material Safety Data Sheet**

May be used to comply with  
OSHA's Hazard Communication Standard  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

**U.S. Department of Labor**

Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072



IDENTITY (As Used on Label and List)  
**RADCON SURFACE CLEANER (OH)**

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

**Section I**

Manufacturer's Name  
**NUCLEAR ASSOCIATES**

Address (Number, Street, City, State and ZIP Code)  
**100 VOICE ROAD  
CARLE PLACE, NY 11514**

Emergency Telephone Number  
**(516) 741-6141**

Telephone Number for Information  
**(516) 741-2841**

Date Prepared  
**12/17/93**

Signature of Preparer (optional)

**Section II - Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
<b>BUTYL GLYCOL, CAS # 111-76-2</b>	N/A	N/A	25 ppm	
<b>BUTANE/PROPANE CAS#106-97-8 CAS#74-98-6</b>	N/A	N/A	1000 ppm	

**Section III - Physical/Chemical Characteristics**

Boiling Point <b>ISOBUTANE/PROPANE</b>	0°F	Specific Gravity (vs. H <sub>2</sub> O - 1)	1.0
Vapor Pressure (mm Hg) @70°F	45 psig	Melting Point	N/A
Vapor Density (AIR = 1)	>1.0	Evaporation Rate (Butyl Acetate = 1)	>1
Solubility in Water <b>COMPLETE</b>			
Appearance and Odor <b>FOAM SPRAY</b>			

**Section IV - Fire and Explosion Hazard Data**

Flash Point (Method Used) N/A	Flammable Limits IN AIR	LEL 1.9	UEL 8.6
Extinguishing Media <b>DRY CHEMICALS, CO2 OR FOAM</b>			
Special Fire Fighting Procedures <b>CARE TO BE TAKEN WITH MISSILE</b>			
Unusual Fire and Explosion Hazards <b>EFFECT WHEN BURNING AEROSOL CONTAINERS. CONTENTS UNDER PRESSURE. DO NOT HEAT OVER 120°F DO NOT PUNCTURE OR INCINERATE.</b>			

(Reproduce locally) OSHA 174 Sept. 1985

**Section V - Reactivity Data**

Stability	Unstable	Conditions to Avoid	<b>HIGH TEMPERATURE</b>
	Stable		
Incompatibility (Materials to Avoid)			NONE KNOWN
Hazardous Decomposition or Byproducts			NONE KNOWN
Hazardous Polymerization	May Occur	Conditions to Avoid	
	Will Not Occur		

**Section VI - Health Hazard Data**

Route(s) of Entry	Inhalation?	N/A	Skin?	NONE	Ingestion?	NONE KNOWN
Health Hazards (Acute and Chronic)						
Carcinogenicity	NTP?	NONE KNOWN	IARC Monographs?		OSHA Regulated?	
Signs and Symptoms of Exposure						
Medical Conditions Generally Aggravated by Exposure						NONE KNOWN
Emergency and First Aid Procedures						EYES- FLUSH WITH COPIOUS AMOUNTS OF WATER.

**Section VII - Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material is Released or Spilled  
**WASH WITH WATER**

**HEAVY FLAMMABLE VAPOR MAY COLLECT IN LOW PLACES IF CANS EXPLODE.**

Waste Disposal Method  
**THROUGH CERTIFIED HAZARDOUS WASTE DISPOSAL CHANNELS**

Precautions to Be Taken in Handling and Storage  
**DO NOT STORE ABOVE 120°F.**

Other Precautions  
**AVOID SPRAYING IN EYES OR MOUTH, ON WOUNDS, SORES, OR ABRADED AREAS.**

**Section VIII - Control Measures**

Respiratory Protection (Specify Type)			
Ventilation	Local Exhaust	YES	Special
	Mechanical (General)	ONLY IN LOW AREAS	Other
Protective Goggles	NONE	Eye Protection	<b>COGGLES/GLASSES SUGGESTED</b>
Other Protective Clothing or Equipment			NONE NEEDED
Work Hygiene Practices			<b>IN ACCORDANCE WITH GOOD MANUFACTURING PROCEDURES.</b>

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