

ANSULEX – R-102

QUICK IDENTIFIER (In Plant Common Name)

Manufacturer's Name:	ANSUL INCORPORATED	Emergency Telephone No.:	CHEMTREC (800) 424-9300 or (703) 527-3887
Address:	One Stanton Street, Marinette, WI 54143-2542	Other Information Calls:	(715) 735-7411
Prepared By:	Safety and Health Department	Date Prepared:	June, 2001

SECTION 1 – IDENTITY

Common Name: (used on label) (Trade Name and Synonyms)	ANSULEX R-102	CAS No.:	N/A
Chemical Name:	N/A This is a Mixture	Chemical Family:	Mixture
Formula:	N/A		

SECTION 2 – INGREDIENTS

PART A – HAZARDOUS INGREDIENTS				
Principal Hazardous Component(s) (chemical and common name(s)):	Wt. %	CAS No.	ACGIH TLV	Acute Toxicity Data
Potassium Carbonate	35	584-08-7		Oral LD ₅₀ (rat) 1870 mg/kg
PART B – OTHER INGREDIENTS				
Other Component(s) (chemical and common name(s)):	Wt. %	CAS No.	ACGIH TLV	Acute Toxicity Data
Proprietary Mixtures of: Potassium Acetate	18	127-08-2		Oral LD ₅₀ (rat) 3250 mg/kg
Phenolphthalein	2 ppm	77-09-8		ip LD ₅₀ (rat) 500 mg/kg
Water	Balance	7732-18-5	N/E	NDA

SECTION 3 – PHYSICAL AND CHEMICAL CHARACTERISTICS (Fire and Explosion Data)

Boiling Point:	113 °C	Specific Gravity (H ₂ O = 1):	1.43	Vapor Pressure (mm Hg):	Not Determined
Percent Volatile by Volume (%):	Approx. 50	Vapor Density (Air = 1):	1.03	Evaporation Rate (= 1):	0.13
Solubility in Water:	100%	Reactivity in Water:	Mild exothermic reaction		
Appearance and Odor:	Pink colored liquid, mild odor.				
Flash Point:	None to boiling	Flammable Limits in Air % by Volume:	N/A	Extinguisher Media:	N/A
Auto-Ignition Temperature:	N/A				
Special Fire Fighting Procedures:	NONE – THIS IS AN EXTINGUISHING AGENT				
Unusual Fire and Explosion Hazards:	None				

SECTION 4 – PHYSICAL HAZARDS

Stability:	Unstable <input type="checkbox"/>	Stable <input checked="" type="checkbox"/>	Conditions to Avoid:	N/A
Incompatibility (Materials to Avoid):	Reactive metals, electrically energized equipment, any material reactive with water.			
Hazardous Decomposition Products:	Not established, acrid fumes.			
Hazardous Polymerization:	May Occur <input type="checkbox"/>	Will Not Occur <input checked="" type="checkbox"/>	Conditions to Avoid:	N/A

SECTION 5 – HEALTH HAZARDS

ANSULEX – R-102 (Continued)

Threshold Limit Value:	None Established				
Routes of Entry: Eye Contact:	Irritant. Prolonged contact can cause chemical burns.				
Skin Contact:	Irritant. prolonged contact can cause chemical burns.				
Inhalation:	Not an expected route of entry. Can be irritating to mucous membranes.				
Ingestion:	Irritating to mucous membranes.				
Signs and Symptoms:	Acute Overexposure:	Due to alkaline nature, material irritates skin, eyes, and all mucous membranes. Prolonged contact may cause skin burns.			
	Chronic Overexposure:	None known.			
Medical Conditions Generally Aggravated by Exposure:	None known.				
Chemical Listed as Carcinogen or Potential:	National Toxicology Program:	Yes <input type="checkbox"/>	I.A.R.C. Monographs:	Yes <input type="checkbox"/>	OSHA: Yes <input type="checkbox"/>
		No <input checked="" type="checkbox"/>		No <input checked="" type="checkbox"/>	No <input checked="" type="checkbox"/>

SECTION 6 – EMERGENCY AND FIRST AID PROCEDURES

Eye Contact:	Flush and irrigate with water for 15 minutes while holding eyelids open. If irritation persists, seek Medical attention.
Skin Contact:	Wash thoroughly with soap and water; if irritation persists, seek Medical attention.
Inhalation:	Fresh air if symptoms occur. Seek Medical attention if irritation persists.
Ingestion:	Dilute by drinking large quantities of water.


SECTION 7 – SPECIAL PROTECTION INFORMATION

Respiratory Protection (Specify Type):	N/A			
Ventilation:	Local Exhaust:	N/A	Mechanical (General):	N/A
Protective Gloves:	Rubber gloves for spill/leak.	Eye Protection:	Chemical goggles recommended during spill/leak procedures.	
Other Protective Clothing or Equipment:	Eye wash and safety showers are good safety practice.			

SECTION 8 – SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

Precautions to be Taken in Handling and Storage:	Store in original container. Keep tightly closed. Keep separate from acid.
Other Precautions:	See incompatibility information in Section 4.
Steps to be Taken in Case Material is Released or Spilled:	Stop leaks. Contain Spill. Remove as much as possible. Place in closed container for proper disposal. Wash spill area with large amounts of water to remove traces and neutralize.
Waste Disposal Methods:	Dispose of in compliance with local, state, and federal regulations.

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM RATINGS

HAZARD INDEX: 4 Severe Hazard <u> 1 </u> HEALTH 3 Serious Hazard <u> 0 </u> FLAMMABILITY 2 Moderate Hazard <u> 0 </u> REACTIVITY 1 Slight Hazard 0 Minimal Hazard	WHMIS RATING:  D2B – Irritating to eyes; may be irritating to skin and mucous membrane.
---	--

N/A = Not Applicable NDA = No Data Available

MSDS AVAILABILITY	
MSDS AVAILABLE AT www.ansul.com	MSDS FAX ON DEMAND: 1-800-323-8493 or 715-735-7411, extension 3091
AGENT ANSULEX – R-102	INDEX NUMBER 85324