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## **I. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

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### **1.1. Identification of the preparation**

Product Name: "ANSULEX Low pH" – Liquid Fire Suppressant  
Chemical Name: N/A – This is a mixture/preparation.  
CAS No.: N/A – This is a mixture/preparation.  
Chemical Formula: N/A – This is a mixture/preparation.  
EINECS Number: N/A – This is a mixture/preparation.

### **1.2. Use of the preparation**

The intended or recommended use of this preparation is as a FIRE EXTINGUISHING AGENT.

### **1.3. Company Identification**

Manufacturer/Supplier: ANSUL INCORPORATED  
Address: One Stanton Street, Marinette, WI 54143-2542  
Prepared by: Safety and Health Department  
Phone: 715-735-7411  
Internet/Home Page: <http://www.ansul.com>  
Date of Issue: October, 2009

### **1.4. Emergency telephone**

CHEMTREC 800-424-9300 or 703-527-3887

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## **2. COMPOSITION/INFORMATION ON INGREDIENTS**

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This product does not contain any hazardous substances.

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## **3. HAZARDS IDENTIFICATION**

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FOR HUMANS:

Product:

EU Classification:	Not classified as hazardous.
S	26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S	36 Wear suitable protective clothing.

Limit Values for Exposure: None established.

Neither this preparation nor the substances contained in it have been listed as carcinogenic by National Toxicology Program, I.A.R.C., or OSHA.

SIGNS AND SYMPTOMS:

Acute Exposure:

Eye Contact:	May cause mild to moderate transient irritation.
Skin Contact:	May cause mild transient irritation and/or dermatitis..
Inhalation:	Not a likely route of entry. Can be irritating to mucous membranes.
Ingestion:	May cause mild transient irritation or gastric upset.

Chronic Overexposure: None known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.

FOR ENVIRONMENT:

No data available.

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## **4. FIRST AID MEASURES**

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Eye Contact:	Flush with water for a minimum of 15 minutes while holding lids open. If transient irritation exists, seek medical attention.
Skin Contact:	Wash affected area with soap and water. If transient irritation exists, seek medical attention.
Inhalation:	Remove from exposure. If transient irritation exists, seek medical attention.
Ingestion:	Dilute by drinking large quantities of water.

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**5. FIRE-FIGHTING MEASURES**

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This preparation is an extinguishing media.

There are NO extinguishing media which must not be used for safety reasons.

NO special protective equipment is needed for fire-fighters.

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**6. ACCIDENTAL RELEASE MEASURES**

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Turn off or disconnect electrical sources in the immediate area.

For personal protection: Prevent skin and eye contact, see Heading 8.

Clean up: Use an absorbent material such as diatomaceous earth, sawdust, etc., and sweep up, see Heading 13.

NO harm to the environment is expected from an accidental release of this preparation.

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**7. HANDLING AND STORAGE**

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**7.1. Handling**

Care should be taken in handling all chemical substances and preparations.

See incompatibility information in Heading 10.

**7.2. Storage**

NO special conditions are needed for safe storage.

See incompatibility information in Heading 10.

Store in original container. Keep tightly closed until used.

There is minimal danger to the environment from a storage release.

**7.3. Specific use**

The intended or recommended use of this preparation is as a FIRE EXTINGUISHING AGENT.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**8.1. Exposure limit values**

There are NO current occupational exposure limit values for this preparation or any of its components.

**8.2. Exposure controls****8.2.1. Occupational exposure controls****8.2.1.1. Respiratory protection**

Not expected to be needed. Vapors will be water.

**8.2.1.2. Hand protection**

Use chemical resistant gloves when handling the preparation.

**8.2.1.3. Eye protection**

Use safety glasses with side shields or safety goggles.

**8.2.1.4. Skin protection**

No special equipment is needed.

**8.2.2. Environmental exposure controls**

Dilute minor spills with water. Collect major spills and reuse or dispose. See Heading 12.

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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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**9.1. General information**

Appearance: Clear Fluorescent Yellow Liquid.

Odor: Mild.

**9.2. Important health, safety, and environmental information**

pH: 7.4 to 8.7

Boiling point/boiling range: 113 °C.

Flash point: None to boiling.

Flammability (solid/gas): Not flammable.

Explosive properties: Not explosive.

Oxidizing properties:	Not an oxidizer.
Vapor Pressure:	Not determined.
Relative Density (Water = 1):	1.33.
Solubility:	
– Water solubility:	Completely soluble.
– Fat solubility:	Not soluble.
Partition coefficient, n-octanol/water:	Not determined.
Viscosity:	Not determined.
Vapor density (Air = 1):	1.03.
Evaporation rate (Butyl Acetate =1):	0.13, water only evaporates.

**9.3. Other information**

Auto-ignition temperature: Does not ignite.

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**10. STABILITY AND REACTIVITY**

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**10.1. Conditions to avoid**

There are NO known conditions such as temperature, pressure, light, shock, etc., which may cause a dangerous reaction.

**10.2. Materials to avoid**

Reactive metals may react with the water in this preparation.

Energized electrical equipment may cause a shock hazard when this fire extinguishing agent is used.

**10.3. Hazardous decomposition products**

Normally stable.

Hazardous polymerization will NOT occur.

Combustion or decomposition products include CO<sub>2</sub>, CO.

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**11. TOXICOLOGICAL INFORMATION**

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No data available.

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**12. ECOLOGICAL INFORMATION**

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**12.1. Ecotoxicity**

Not determined.

**12.2. Mobility**

Not determined.

**12.3. Persistence and degradability**

Not determined.

**12.4. Bioaccumulative potential**

Not determined.

**12.5. Other adverse effects**

Ozone depletion potential: None.

Photochemical ozone creation potential: None

Global warming potential: None

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**13. DISPOSAL CONSIDERATIONS**

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This preparation, if spilled, is NOT a hazardous waste.

No harm to the environment is expected from this preparation.

Dispose of in compliance with national, regional, and local provisions that may be in force.

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**14. TRANSPORT INFORMATION**

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Hazard Class or Division: Not hazardous.

There are NO special precautions known.

No harm to the environment is expected from this preparation.

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**15. REGULATORY INFORMATION**

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EU Classification: Not classified as hazardous.  
S 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S 36 Wear suitable protective clothing.  
Exposure Limit Values: None.  
EINECS Status: All components are included in EINECS inventories or are exempt from listing.  
EPA TSCA Status: All components are included in TSCA inventories or are exempt from listing.  
Canadian DSL (Domestic Substances List): All components are included in the DSL or are exempt from listing.  
Environmental restrictions: None are known.  
Restrictions on Marketing and Use: None are known.  
Refer to any other national measures that may be relevant.

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**16. OTHER INFORMATION**

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**(HMIS) HAZARDOUS MATERIAL IDENTIFICATION SYSTEM RATINGS:**

HEALTH:	<u>1</u>	4. Severe Hazard
FLAMMABILITY:	<u>0</u>	3. Serious Hazard
REACTIVITY:	<u>0</u>	2. Moderate Hazard
		1. Slight Hazard
		0. Minimal Hazard

Format is from directive 2001/58/EC.

EINECS data is from <http://ecb.jrc.it/existing-chemicals/>

Data used to compile the data sheet is from Ansul Material Safety Data Sheet, February, 2002.

The EU Classification has been changed in accordance with Directive 1999/45/EC and information in the EINECS ESIS files (Existing Substances Information System).

Toxicological information added from the EINECS ESIS (Existing Substances Information System).

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**17. DISCLAIMER**

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