



## 1.0 Chemical Product and Company Identification:

1.1	Product Name:	<b>APL 14</b>
1.2	Product Type:	<b>Alkaline Foamer</b>
1.3	Company	<b>Noramtech Corporation 19 Elmwood Avenue Kansas City, Kansas 66103</b>
1.4	Phone	<b>1-800-643-9070; 1-913-713-4120; Fax 1-913-713-4127</b>
1.5	Emergency	<b>Chemtrec 1-800-424-9300</b>

## 2.0 Hazardous Components

PRINCIPAL HAZARDOUS COMPOUNDS	CAS #	Wt %	THRESHOLD LIMIT VALUE (UNITS)
Sodium Meta-Silicate	6834-92-0	1.10	n/a

**SECTION 313:** This product is not known to contain any compound listed and in quantities requiring reporting under SARA Title III Section 313.

**CALIFORNIA PROPOSITION 65:** This product is not known to contain any material listed under California's Proposition 65.

## 3.0 Physical Data

3.1	Appearance:	Light yellow liquid
3.2	Solubility in water:	Complete
3.3	PH 0.5% Solution	13.0
3.4	Boiling Point	n/a
3.5	Flash Point	n/a
3.6	Vapor Pressure	
3.7	Specific Gravity/Density	1.047 g/cc

## 4.0 Fire and Explosion Data

4.1	Special Fire Hazards:	none
4.2	Fire Fighting Methods:	Non-flammable
4.3	Unusual Fire and Explosion Hazards:	None

## 5.0 Reactivity Data

5.1	Stability:	Stable
5.2	Conditions to Avoid:	Strong Acids
5.3	Hazardous Decomposition Products:	Carbon dioxide, carbon monoxide

## 6.0 Spill or Leak Procedures

6.1	Cleanup and Disposal:	Absorb and dispose of in accordance with local regulations.
6.2	Steps to be taken if released or spilled:	Absorb and dispose of in accordance with local regulations.

## 7.0 Health Hazard Data

7.1	Effects of overexposure:	<b>Eyes:</b> Irritation, Redness <b>Skin:</b> Irritation, Redness <b>Ingestion:</b> Acute Irritation <b>Inhalation:</b> <b>Chronic Exposure:</b>
7.2	Signs and Symptoms of Exposure:	<b>Skin irritation</b>

## 8.0 First Aid

8.1	<b>Eyes:</b>	Flush with copious quantities of water.
8.2	<b>Skin:</b>	Flush with copious quantities of water.
8.3	<b>Ingestion:</b>	Induce Vomiting
8.4	<b>Inhalation:</b>	Flush with water

## 9.0 Protective Measures

9.1	<b>Eyes Protection:</b>	Safety glasses
9.2	<b>Skin Protection:</b>	Rubber gloves
9.3	<b>Respiratory Protection:</b>	None required
9.4	<b>Ventilation Protection:</b>	None required

## 10.0 Special Precautions

10.1	<b>Handling and Storage Precautions:</b>	Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Remove and launder contaminated clothing before reuse. Avoid breathing dust. Keep partially used containers closed and away from heat and high humidity. Do not exceed storage temperatures of 100° F.
10.2	<b>Transport Information</b>	DOT Class: DOT Proper Shipping Name: Refer to bill of lading or container label for DOT or other transportation hazard classification if any.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. The stated MSDS is reliable to the best of the company's knowledge and believed accurate as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability and completeness of such information for his own particular use.

**Noramtech Corporation**  
**19 Elmwood Avenue**  
**Kansas City, Kansas 66103**

PREPARED BY: Patrick T. Dierker

Dated: January 2, 2008