

Date of preparation: 05/16/96

SECTION I

Manufacturer : W. R. MEADOWS, INC.  
 Address : 46W185 Allen Road  
 : Hampshire, Illinois 60140  
 Telephone # : (847) 683-4500  
 Emergency # : 1-800-424-9300 Chemtrec

- H M I S -

Health	: 2
Flammability	: 1
Reactivity	: 0
Personal Protection	:

(Hazard Rating: 0=Least,1=Slight,2=Moderate,3=High,4=Extreme,\*=Chronic)

Product Class : DIVISION 3; Catalog #340  
 Mfg. code I.D. : 3051000  
 Trade Name : SEALTIGHT AIR ENTRAINING AGENT 21 \*

SECTION II-A HAZARDOUS COMPONENTS

No.	Component	CAS#	% by Weight	SARA 313	VAPOR PRESSURE (mm Hg @ 20 C)	LEL (@ 25 C)
1.	Sodium Hydroxide (Caustic Soda)	1310-73-2	1-5	NO	N/A	N/A

None of the components of this product are recognized as carcinogenic. N/A: Not Applicable  
 Under the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA) and 40 CFR Part 372, chemicals listed on the 313 List (40 CFR Part 373.65) are identified under the heading "SARA 313".

SECTION II-B OCCUPATIONAL EXPOSURE LIMITS

No.	OSHA				ACGIH			
	PEL/TWA	PEL/CEILING	PEL/STEL	SKIN	TLV/TWA	TLV/CEILING	TLV/STEL	SKIN
1.	2 mg/m3	2 mg/m3	N/E	N/E	2 mg/m3	N/E	N/E	N/E

N/E: Not established

SECTION III PHYSICAL DATA

Boiling Point : 212 degrees F	% Volatile by volume : 81.85 (Theoretical)
Vaporization Rate : < 1 (ether = 1)	% Volatile by weight : 77.62 (Theoretical)
Vapor Density : > 1 (air = 1)	Weight per gallon : 8.78 (Theoretical)
pH Level : 12.4	

SECTION IV HEALTH INFORMATION

**EYE CONTACT:** Based on the presence of component 1 this product is presumed to be corrosive to the eyes. Exposure may cause chemical burns and extensive corneal injury.  
**SKIN CONTACT:** Based on the presence of component 1 this product is presumed to be corrosive and direct skin exposure may cause chemical burns.  
**INHALATION:** Based on the presence of component 1 product vapors and/or mists are corrosive to the nose, throat, respiratory tract, and other mucous membranes. Overexposure may result in chemical pneumonitis or pulmonary edema which are potentially fatal.  
**INGESTION:** Based on the presence of component 1 this product is corrosive and may cause chemical burns to the gastrointestinal tract.  
**SIGNS AND SYMPTOMS:** This is a corrosive material. Symptoms will vary from mild irritation to severe burning based on the concentration of the material and the duration of the exposure.  
**AGGRAVATED MEDICAL CONDITIONS:** Pre-existing skin, eye, and respiratory disorders may be aggravated by exposure to this product. This product may aggravate existing skin and/or eye conditions on contact. Functions from pre-existing disorders may be aggravated by exposure to this product.  
**OTHER HEALTH EFFECTS:** None recognized.

SECTION V EMERGENCY AND FIRST AID PROCEDURES

**EYE CONTACT:** Immediately flush eyes with copious amounts of water for at least fifteen (15) minutes while holding eyelids open. Seek prompt medical attention.  
**SKIN CONTACT:** Immediately remove contaminated clothing and shoes. Wipe excess from skin and flush with water for at least fifteen (15) minutes using soap and if available. Seek prompt medical attention. Do not reuse clothing until thoroughly decontaminated.  
**INHALATION:** If respiratory symptoms develop, move victim away from exposure source and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, immediately begin artificial respiration. If breathing difficulties develop oxygen should be administered by qualified personnel. Seek immediate medical attention.  
**INGESTION:** Do not induce vomiting. Vomiting will cause further damage to the throat. Dilute by giving water or milk to drink if the victim is conscious. Consult a physician, hospital, or poison control center, and/or transport to an emergency facility immediately.

## SECTION VI

## FIRE AND EXPLOSION HAZARDS

FLAMMABILITY CLASSIFICATION - NFPA : Not Regulated  
- DOT : Not Regulated

FLASH POINT: Greater than 220 degrees F

EXTINGUISHING MEDIA: Use water fog, foam, dry chemical, or Carbon Dioxide.

SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS: Clear fire area of unprotected personnel. Do not enter confined fire space without helmet, face shield, bunker coat, gloves, rubber boots, and a positive pressure NIOSH approved self contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None recognized.

## SECTION VII

## REACTIVITY

STABILITY: Stable

HAZARDOUS POLYMERIZATION : Will not occur

CONDITIONS AND MATERIALS TO AVOID: Avoid strong acids, Zinc, Aluminum, and its alloys.

HAZARDOUS DECOMPOSITION PRODUCTS: Combustion may yield Carbon Dioxide, Carbon Monoxide, and/or incomplete combustion products. Do not breathe smoke or fumes. Wear appropriate personal protective equipment.

## SECTION VIII

## EMPLOYEE PROTECTION

RESPIRATORY PROTECTION: Use ventilation as required to control vapor concentrations - at least 10 air changes per hour are recommended for good general room ventilation. If exposure exceeds the PEL/TLV, use the appropriate NIOSH approved respirator.

PROTECTIVE CLOTHING: Wear safety glasses, goggles, or a splash shield to prevent eye contact. Contact lenses should not be worn. Wear appropriate gloves and protective clothing to prevent contact with skin and clothing.

ADDITIONAL PROTECTIVE MEASURES: Eye wash fountains and safety showers should be available for use in an emergency.

## SECTION IX

## ENVIRONMENTAL PROTECTION

SPILL OR LEAK PROCEDURES: LARGE SPILLS>> Evacuate the hazard area of unprotected personnel. Wear appropriate respirator and protective clothing. Shut off source of leak only if safe to do so. Dike and contain. If vapor cloud forms, water fog may be used to suppress; contain run-off. Remove with vacuum trucks or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay, sand or other suitable material; place in non-leaking containers for proper disposal. Flush area with water to remove trace residue; dispose of flush solutions as above. CORROSIVE; Avoid direct contact with spilled material. SMALL SPILLS>> Take up with an absorbent material and place in non-leaking containers; seal tightly for proper disposal.

WASTE DISPOSAL: Observe all Federal, State and local regulations regarding proper disposal.

## SECTION X

## ADDITIONAL PRECAUTIONS

Containers can contain hazardous product residues even when empty. Wash with soap and water before eating, drinking, smoking or using toilet facilities.

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