



# MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION					
<b>PRODUCT NAME:</b> Ampoule F – Acid Neutralizer Order No. 6076		<b>DATE:</b> September 29, 2008			
<b>PRODUCT NUMBER:</b>		<b>TRADE NAME:</b> Acid Neutralizer Order 6076			
<b>GENERAL USE:</b> Fingerprint developer					
<b>CHEMICAL FAMILY:</b> Alkali Base					
<b>PRODUCT DESCRIPTION:</b> Odorless, white hygroscopic powder or granular solid.		<b>MANUFACTURER:</b> Safariland LLC			
<b>ADDRESS (NUMBER, STREET, P.O. BOX):</b> 13386 International Parkway		<b>DATE PREPARED:</b> September 29, 2008			
<b>(CITY, STATE AND ZIP CODE):</b> Jacksonville, FL. 32218		<b>SUPERSEDES:</b> April 15, 2008			
<b>COUNTRY:</b> USA		<b>TELEPHONE NUMBER FOR INFORMATION / Customer Service:</b> 904-741-5400			
		<b>CHEMTEL 24-HOUR EMERGENCY TELEPHONE NUMBER:</b>			
				<b>1-800-255-3924</b> <b>01-813-248-0585</b>	
		North America Toll Free      International			
SECTION 2 - HAZARDOUS INGREDIENTS					
Hazardous Components	% (by Weight)	CAS #	EINECS #	Hazard Symbol	RISK PHRASES (Full Text Section 15)
<b>Soda Ash</b>	<b>&gt;95</b>	<b>497-19-8</b>	<b>207-838-9</b>	<b>(+Xi)</b>	<b>R36</b>
Notes:					
SECTION 3 - HAZARDS IDENTIFICATION					
<b>EMERGENCY OVERVIEW</b> Product is an irritant to the eyes and skin. May be harmful if swallowed. Product is hygroscopic (will absorb water), and will evolve heat when mixed with acids.					
<b>POTENTIAL HEALTH EFFECTS</b>					
<b>INHALATION:</b> Inhaled dust is irritating to the mucous membranes and upper respiratory tract. Symptoms include coughing, sore throat, wheezing, and shortness of breath.					
<b>SKIN:</b> May cause irritation to skin. Symptoms include itching, redness, and pain. Wet skin may exacerbate symptoms.					
<b>EYES:</b> Severe irritation, redness and/or pain may occur with exposure. May cause burns or conjunctivitis.					
<b>INGESTION:</b> Product is irritating to the gastro-intestinal tract. Nausea, gastro-intestinal distress, and vomiting may result. May cause irritation and burning of mouth, esophagus, throat, and stomach.					
<b>CARCINOGENICITY:</b>					
NTP? <b>NO</b>		IARC MONOGRAPHS? <b>NO</b>		OSHA REGULATED? <b>NO</b>	
CALIFORNIA, Prop.65? <b>NO</b>					
SECTION 4 - FIRST AID MEASURES					
<b>INHALATION:</b> Remove victim to fresh air, providing oxygen or artificial respiration if needed. Seek medical attention promptly.					
<b>EYES:</b> Flush with water for 15 minutes. Seek emergency medical help.					
<b>SKIN:</b> Rinse with copious amounts of water. Wash with soap and water and launder contaminated clothing before re-use.					
<b>INGESTION:</b> Do not induce vomiting. Give large quantities of water to drink and seek medical help, transporting container with the victim.					
SECTION 5 - FIRE FIGHTING MEASURES					
<b>GENERAL HAZARDS:</b> Non-flammable.					
<b>EXTINGUISHING MEDIA:</b> Select media to combat surrounding fire. Water may be used to disperse this product.					
<b>FIRE FIGHTING PROCEDURES:</b> Emergency responders should wear bunker gear and Self-Contained Breathing Apparatus (SCBA). Proper eye and skin protection should also be used. Water spray can be used to cool equipment and reduce vapors.					
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b> None					
<b>HAZARDOUS COMBUSTION PRODUCTS:</b> None					

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<b>SECTION 6 - ACCIDENTAL RELEASE MEASURES</b>							
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:							
Remove sources of ignition, then ventilate area. Wear appropriate personal protective equipment, then carefully clean up spill, using non-sparking tools and equipment. Moisten product with water to reduce the accumulation of dust in the air. Place material in marked container for disposal.							
<b>SECTION 7 - HANDLING AND STORAGE</b>							
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:							
Do not store above 120°F. Keep away from light. Store in cool, dry ventilated area.							
<b>SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION</b>							
HAZARDOUS COMPONENTS	NIOSH			ACGIH		OSHA	
	TWA ppm	TWA mg/m <sup>3</sup>	STEL ppm	STEL mg/m <sup>3</sup>	TLV/TWA ppm	TWA mg/m <sup>3</sup>	STEL ppm
<b>Soda Ash</b>	<b>NE</b>		<b>NE</b>		<b>NE</b>		<b>NE</b>
<b>PERSONAL PROTECTION</b>							
RESPIRATORY PROTECTION:							
Where ventilation is insufficient, used a OSHA/NIOSH or EU approved dust respirator.							
PROTECTIVE GLOVES:							
Gloves are recommended for use of this product.							
EYE PROTECTION:							
Wear safety glasses or goggles as a matter of good laboratory practice while using product.							
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:							
Lab apron or coat is suggested.							
WORK / HYGIENIC PRACTICES:							
Do not smoke, eat, or drink while using this product. Immediately wash hands after use. Avoid the formation of dust from product.							
<b>SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES</b>							
APPEARANCE AND ODOR				VAPOR PRESSURE			
<b>Odorless, white hygroscopic powder or granular solid.</b>				<b>Negligible</b>			
pH				SPECIFIC GRAVITY (WATER = 1)			
<b>NE</b>				<b>2.53</b>			
BOILING POINT / BOILING RANGE				SOLUBILITY IN WATER			
<b>DECOMPOSES</b>				<b>7.1% wt. @ 8°C (46°F)</b>			
MELTING POINT				VISCOSITY			
<b>NE</b>				<b>NA</b>			
FLAMMABLE LIMITS				VAPOR DENSITY (AIR = 1)			
LEL: <b>NE</b> UEL: <b>NE</b>				<b>NA</b>			
AUTO-IGNITION TEMPERATURE				EVAPORATION RATE (WATER = 1)			
<b>NE</b>				<b>NE</b>			
<b>SECTION 10 - STABILITY AND REACTIVITY</b>							
STABILITY				CONDITIONS TO AVOID:			
STABLE <b>X</b>				<b>Excessive heat, acidic environments.</b>			
INCOMPATIBILITY (MATERIALS TO AVOID):							
<b>Strong Acids.</b>							
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:							
<b>None</b>							
HAZARDOUS POLYMERIZATION:				CONDITIONS TO AVOID:			
<b>Will not occur.</b>				<b>None related to polymerization.</b>			
<b>SECTION 11 - TOXICOLOGICAL INFORMATION</b>							
Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)			LC50 of Ingredient (Specify Species)		
<b>Soda Ash</b>	<b>497-19-8 207-838-9</b>	<b>Oral, rabbit: LD50 = 4090 mg/kg</b>			<b>Inhalation, rat: LC50 = 2300 mg/m<sup>3</sup> / 2 hours</b>		
<b>SECTION 12 - ECOLOGICAL INFORMATION</b>							
<b>Environmental Toxicity:</b>							
96 Hr LC50 Lepomis macrochirus: 300 mg/L [static];							
48 Hr EC50 Daphnia magna: 265 mg/L							
No information on environmental fate is found.							
<b>SECTION 13 - DISPOSAL CONSIDERATIONS</b>							
WASTE DISPOSAL METHOD:							
Dispose of product waste as well as containers in accordance with all local, state and federal regulations.							

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## SECTION 14 - TRANSPORT INFORMATION

<b>PROPER SHIPPING NAME:</b> Chemical kit, UN 3316	
<b>DOT HAZARD CLASS / Pack Group:</b> 9, PGII	<b>IATA HAZARD CLASS / Pack Group:</b> 9,PGII
<b>REFERENCE:</b> 49CFR	<b>IMDG HAZARD CLASS:</b> 9
<b>UN / NA IDENTIFICATION NUMBER:</b> UN 3316	<b>RID/ADR Dangerous Goods Code:</b> UN 3316, 9
<b>LABEL:</b> Miscellaneous dangerous goods.	<b>UN TDG Class / Pack Group:</b> UN 3316/ PGII
<b>HAZARD SYMBOLS:</b>	<b>Hazard Identification Number (HIN):</b> 90



Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

## SECTION 15 - REGULATORY INFORMATION

**TSCA (USA - Toxic Substance Control Act):** **Components Listed.**

**SARA TITLE III (USA - Superfund Amendments and Reauthorization Act):** **NO**

<b>Acute Health:</b> YES	<b>Chronic Health:</b> NO
<b>Fire:</b> NO	<b>Sudden Release of Pressure:</b> NO
<b>Reactive:</b> NO	

**313 REPORTABLE INGREDIENTS:** **No**

**CERCLA (USA - Comprehensive Response Compensation and Liability Act):** **Not listed.**

**California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986:** **Not listed.**


**CPR (Canadian Controlled Products Regulations):** **Not listed.**

**IDL (Canadian Ingredient Disclosure List):** **Listed.**

**DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List):** **Components listed on DSL.**

**EINECS (European Inventory of Existing Commercial Chemical Substances):** **Referenced.**

**WGK Water Quality Index:** **2**

RISK PHRASES:	SYMBOL(S) REQUIRED FOR EU LABEL	SAFETY PHRASES:
<b>R36 : Irritating to eyes.</b>	 (+Xi)-Irritant	<b>S2 : Keep out of the reach of children.</b> <b>S22 : Do not breathe dust.</b> <b>S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.</b>

## SECTION 16 - OTHER INFORMATION

**Legend:** NA = Not Applicable, NE = Not Established, ND = Not Determined, NR = Not Reported

<b>HMS HAZARD RATINGS</b>	<b>HEALTH:</b> 1 <b>FLAMMABILITY:</b> 0 <b>PHYSICAL HAZARD:</b> 1 <b>PERSONAL PROTECTIVE EQUIPMENT:</b> B	0 = INSIGNIFICANT 1 = SLIGHT 2 = MODERATE 3 = HIGH 4 = EXTREME
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**REVISION SUMMARY:**  
 Revised to GHS/E.U. protocols 9/29/2008 supersedes 4/15/2008 issue.LB

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The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.