## Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

## U.S. Department of Labor

Occupational Safety and Health Administration (Non-Mandatory Form)

Form Approved

OMS No 1218-0072



Section III-Physical/Chemical Characteristics  N/A  N/A  N/A  N/A  N/A  N/A  N/A  N/	IDENTITY (as Used on Label and List)						Note: Blank spaces are not permitted. If any Item is not applicable or no information is available, the space									
Emergency Telephone Number	SND-23	Soda Nozzl	e DEFENI	DER			applicable or no information is available, the space must be marked to indicate that.									
Address (Number, Street, City, State and ZIP Code)  Telephone Number for Information  (908) 236-0278  Telephone Number for Information  (908) 236-0278  Section 11-Hazardous Ingredients/Identity Information  Hazardous Components (Specific Chemical Identity, Common Name(s))  Section 11-Hazardous Ingredients/Identity Information  Hazardous Components (Specific Chemical Identity, Common Name(s))  Sodium Metasilicate ANHYOREOUS  Section III-Physical/Chemical Characteristics  Boiling Point  N/A  Specific Gravity (H-0 = 1)  N/A  Vapor Pressure (mm Hg)  N/O  Metting Point  N/O  Solubility in Water  Completely  Appearance and Odor  White powder, no odor  Section IV Fire and Explosion Hazard Data  Fiash Point (Method Used)  N/A  Fianneable Limits  N/A  LEL	Sect1on1															
PO Box 203 Date Prepared O4/25/2013 Stanton, NJ 08885 Section 111-Hazardous Ingredients/Identity Information Hazardous Components (Specific Chemical Identity, Common Name(s)) Sodium Metasilicate ANHYOREOUS  Section III-Physical/Chemical Characteristics  N/A  Specific Gravity (H <sub>2</sub> 0 = 1)  N/A  Vapor Pressure (mm Hg)  N/O  Metting Point  N/A  Vapor Density (AIR = 1)  N/O  Solubility in Water  Completely  Appearance and Odor  White powder, no odor  Section IV Fire and Explosion Hazard Data  Flash Point (Method Used)  NIA  Flammable Limts  N/A  N/A  LEL  N						Emergen	08) -236	5-0278								
Stanton, NJ 08885 Section 11-Hazardous Ingredients/Identity Information  Hazardous Components (Specific Chemical Identity, Common Name(s)) Sodium Metasilicate ANHYOREOUS  Section III-Physical/Chemical Characteristics  Section III-Physical/Chemical Characteristics  Section III-Physical/Chemical Characteristics  Section III-Physical/Chemical Characteristics  N/A Specific Gravity (H <sub>2</sub> 0 = 1) N/A  Vapor Pressure (mm Hg) N/O Metiting Point N/A  Vapor Density (AIR = 1) N/O Evaporation Rate (Butyl Acetate = 1) N/D  Solubility in Water Completely  Appearance and Odor White powder, no odor  Section IV Fire and Explosion Hazard Data  Extinguishing Media Water spray, carbon monoxide, dry chemical  Special Fire Fighting Procedures  Use Self-contained breathing apparatus	Address (Num	iber, Street, Cr	ty, State an	id ZIP Code)			Telephone Number for Information (908) 236-0278									
Section 11-Hazardous Ingredients/Identity Information  Hazardous Components (Specific Chemical Identity, Common Name(s))  Sodium Metasilicate ANHYOREOUS  Section III-Physical/Chemical Characteristics  Boiling Point  N/A  Vapor Pressure (mm Hg)  N/O  Melting Point  N/O  Solubility in Water  Completely  Appearance and Odor  White powder, no odor  Section IV F1re and Explosion Hazard Data  Fiash Point (Method Used)  NIA  Septific Gravity (Mater Spray, carbon monoxide, dry chemical  Use self-contained breathing apparatus	PO Box 203	3					Date Prepared 04/25/2013									
Hazardous Components (Specific Chemical Identity, Common Name(s))  Sodium Metasilicate ANHYOREOUS  15 mg/M3  10 mg/M3  N/A  Section III-Physical/Chemical Characteristics  Boiling Point  N/A  Vapor Pressure (mm Hg)  N/O  N/O  Sevaporation Rate (Butyl Acetate= 1)  N/D  Solubility in Water  Completely  Appearance and Odor  White powder, no odor  Section IV F1re and Explosion Hazard Data  Flash Point (Method Used)  N/A  Rammable Limits  N/A  N/A  Rammable Limits  N/A  Special Fire Fighting Procedures  Use self-contained breathing apparatus	Stanton, N.	J 08885					Signature of Preparer (optional)									
Hazardous Components (Specific Chemical Identity, Common Name(s))  Sodium Metasilicate ANHYOREOUS  15 mg/M3  10 mg/M3  N/A  Section III-Physical/Chemical Characteristics  Boiling Point  N/A  Specific Gravity (H <sub>2</sub> 0 = 1)  N/A  Vapor Pressure (mm Hg)  N/O  Meting Point  N/O  Solubility in Water  Completely  Appearance and Odor  White powder, no odor  Section IV F1re and Explosion Hazard Data  Flash Point (Method Used)  NIA  Rammable Limits  N/A  Separance and Odor  Water Spray, carbon monoxide, dry chemical  Vase self-contained breathing apparatus	Section 11-	Hazardous Ir	ngredients	/Identity Inf	formation											
Section III-Physical/Chemical Characteristics  Boiling Point N/A Specific Gravity (H <sub>2</sub> 0 = 1) N/A  Vapor Pressure (mm Hg) N/O Melting Point N/A  Vapor Density (AIR = 1) N/O Evaporation Rate (Butyl Acetate= 1) N/D  Solubility in Water Completely  Appearance and Odor White powder, no odor  Section IV F1re and Explosion Hazard Data  Flash Point (Method Used) N/A Flammable Limits N/A LEL N/A UEL N/A  Extinguishing Media Water spray, carbon monoxide, dry chemical  Special Fire Fighting Procedures Use self-contained breathing apparatus	Hazardous Co	omponents (Sp	ecific Cher	nical Identity,	Common Na	me(s))	OSHA PE						%(Optiona	al)		
Boiling Point  N/A  Specific Gravity (H <sub>2</sub> 0 = 1)  N/A  Vapor Pressure (mm Hg)  N/O  Melting Point  N/A  Vapor Density (AIR = 1)  N/O  Evaporation Rate (Butyl Acetate= 1)  N/D  Solubility in Water  Completely  Appearance and Odor  White powder, no odor  Section IV F1re and Explosion Hazard Data  Flash Point (Method Used)  NIA  Flammable Limits  N/A  LEL  N/A  UEL  N/A  Special Fire Fighting Procedures  Use self-contained breathing apparatus	Sodium Me	tasilicate AN	IHYOREC	DUS			15 mg/	МЗ	10 mg	/M3	N/A					
Boiling Point N/A Specific Gravity (H <sub>2</sub> U = 1)  Vapor Pressure (mm Hg) N/O Melting Point N/A  Vapor Density (AIR = 1) N/O Evaporation Rate (Butyl Acetate= 1) N/D  Solubility in Water Completely  Appearance and Odor White powder, no odor  Section IV F1re and Explosion Hazard Data  Flash Point (Method Used) NIA Flammable Limits N/A LEL N/A UEL N/A  Extinguishing Media Water Spray, carbon monoxide, dry chemical  Special Fire Fighting Procedures Use self-contained breathing apparatus	Section III-F	Physical/Chen	nical Char	racteristics												
Vapor Density (AIR = 1)  N/O  Evaporation Rate (Butyl Acetate= 1)  N/D  Solubility in Water  Completely  Appearance and Odor  White powder, no odor  Section IV F1re and Explosion Hazard Data  Flash Point (Method Used)  NIA  Flammable Limits  N/A  LEL  N/A  UEL  N/A  UEL  N/A  Special Fire Fighting Procedures  Use self-contained breathing apparatus	Boiling Point				N/A		Specific Gravity (H <sub>2</sub> 0 = 1)						A			
Solubility in Water Completely  Appearance and Odor White powder, no odor  Section IV F1re and Explosion Hazard Data  Flash Point (Method Used) NIA Flammable Limits N/A LEL N/A UEL N/A  Extinguishing Media Water spray, carbon monoxide, dry chemical  Special Fire Fighting Procedures Use self-contained breathing apparatus	Vapor Pressure (mm Hg) N/0						Melting Point						N/A			
Appearance and Odor White powder, no odor  Section IV F1re and Explosion Hazard Data  Flash Point (Method Used) NIA Flammable Limits N/A LEL N/A UEL N/A  Extinguishing Media Water spray, carbon monoxide, dry chemical  Special Fire Fighting Procedures Use self-contained breathing apparatus	Vapor Density (AIR = 1) N/0						Evaporation Rate (Butyl Acetate= 1) N/D									
Section IV F1re and Explosion Hazard Data  Flash Point (Method Used)  NIA  Flammable Limits  N/A  LEL  N/A  UEL  N/A  Extinguishing Media  Water spray, carbon monoxide, dry chemical  Special Fire Fighting Procedures  Use self-contained breathing apparatus	Solubility in W	/ater	Complete	ely												
Flash Point (Method Used)  NIA  Flammable Limits  N/A  LEL  N/A  UEL  N/A  U	Appearance a	and Odor	White p	owder, no	odor											
Extinguishing Media  Water spray, carbon monoxide, dry chemical  Special Fire Fighting Procedures  Use self-contained breathing apparatus	Section IV	F1re and Ex	plosion Ha	azard Data												
Special Fire Fighting Procedures  Use self-contained breathing apparatus	Flash Point (Method Used) NIA				A Flammab			e Limits N/A LEL		LEL	N/A	UEL	N/A			
Use Self-contained breathing apparatus	Extinguishing	Media	Water <b>spr</b>	Water spray, carbon monoxide, dry chemical												
Unusual Fire and Explosion Hazards NONE	Special Fire F	-contained	d breathing apparatus													
	Unusual Fire and Explosion Hazards NONE															

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Section V-Reactivity Data													
Stability		Unst	ahle						1				
Stability		Stabl			X	Conditions	to Avo	void  V NONE					
Incompatibili	ty (Materials to Avoid	1)		A	dds								
Hazardous D	ecomposition or Byp	roducts		NONE									
Hazardous May Or Polymerization					E								
,		Will I	Not Occur	-	Χ								
Section VI-Health Hazard Data													
Route(s) of E	Entry	Inhal	lation?	NO	Skin?	NO			Ingestion?	NO			
Health Hazar	ds												
(Acute and C	Chronic)			NONE									
Carcinogenic	ity	NTI	P? NO	0	IARC	Monographs?		NO	OSHA Regula	ated? NO			
Signs and Sy	mptoms of Exposure	)				Eye and ski	n irrit	tant					
Medical Cond	litions Generally Ago	ravated l	by Exposi	ure		irritation							
Emergency a	nd First Aid Procedu	res	Eye	s-Flush wi	th plenty of wa	ter for 15 mi	nutes	s, call phy	ysician if irrita	tion			
					move to fresh		ical a	ttention.					
Section VII	-Precautions for S	Safe Har	_		medical atten	tion							
			9 a										
Steps to Be 1 Spilled	Taken in Case Materi	al Is Rele	ased or			p or shovel sp with water.	illed r	material ir	nto proper cont	tainers.Flush spill			
Waste Dispo	osal Method	Any m	elhod for	disposal of	chemical was	tes subject	to lo	cal, stat	e and federa	al regulation			
Precautions t	to Be Taken in Hand	ing and S	Storing		Store in a co	ool, dry area. Ke	ep con	ntainer clos	ed. Avoid contac	t with acids.			
Other Precau	itions				Keep out of reach	n of children							
Section VII	-control Measure	S											
Respiratory	Protection (Specify	Туре)	Not ne	ecessary									
Ventilation Local Exhaust				necessary	Special	None							
	Mechanical (Gene	ral)	Not i	necessary		Other	None						
Protective Glo	oves Rubber				Eye Protection	1	Gogg	les					
Other Protective Clothing or N/A Equipment					Work Hygienic practices Wash hand before a ingestion or inhalati								

Material Safety Data Sheet May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

U.S. Department of Labor
Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List)						Note: Blank spaces are not permitted. If any item is not								
SND-22 SODA NO	applicable or no information is available, the space must be marked to indicate that.													
Section I														
Manufacturer's name	Emergency Telephone Number (714) -369-9369													
Address (Number, Street,	City, State a	nd ZIP Code)			Telephone Number for Information (714) – 842-8000									
18352 ENTERPRISE	LANE				Date Prepared 6/20/2013									
HUNTINGTON BEAC	H, CA 926	648			Signature of Preparer (optional)									
Section II—Hazardous Ingredients/Identity Information														
Hazardous Components (					Other Lir ecomme	r Limits nmended % (Optional)								
Sodium Metasilicate F	Penthahydı	rate			15 mg/	′M3	10 m	g/M3	N/A	4				
Section III—Physical/C	hemical Ch	naracteristic	s		1									
Boiling Point			N/A		Specific	Gravity	(H <sub>2</sub> 0 = 1	)			N/a	N/a		
Vapor Pressure (mm Hg)			N/D		Melting Point						N.A.			
Vapor Density (AIR = 1)			N/D		Evaporation Rate (Butyl Acetate = 1)					N/D				
Solubility in Water Completely														
Appearance and Odor	White p	oowder, no	odor											
Section IV—Fire and E	xplosion H	azard Data												
Flash Point (Method Used	)	NOT FLAM	ABLE	BLE Flammat		ole Limits N/A		LEL N/A		'A UEL		N/A		
Extinguishing Media		Water spr	ay, carbon	ay, carbon monoxide, dry chemical										
Special Fire Fighting Proc	edures		-contained											
Unusual Fire and Explosic	on Hazards		NONE											
Section V—Reactivity	Data	•												
0.13.														
Stability		Unstable			Cond	Conditions to Avoid			NONE					
		Stable		x										
Incompatibility (Materials	Incompatibility (Materials to Avoid)  Acids													
Hazardous Decomposition or Byproducts NONE														
Hazardous Polymerization		May Occur	<u>.                                    </u>			Cond	Conditions to Avoid NO			NONE				
i Orymonizacion	X		+											
(Reproduce locally)				1							OSHA 17	74 Sept. 1985		

# SND-22 SODA NOZZLE DEFENDER

Section VI—Health Hazard Data														
Route(s) of En	e(s) of Entry		Inhalation? YE			Skin? YES				Ingestion?	YES			
Health Hazard	s		I				1				1			
(Acute and Ch	ronic)		N	ONE										
Carcinogenicit	ty	NTP?	NO			IARC M	lonograph	s?	NO	OSHA Regula	ated?	NO		
-														
Signs and Syn	nptoms of Exposure				Eye and skin irratant									
Medical Condi	tions Generally Agg	ravated by	/ Exposur	e	irritation									
Emergency an	d First Aid Procedur	es	Eyes-F	-lush with	sh with plenty of water for 15 minutes, call physician if irritation									
			Inhala	ation- ren	nove t	o fresh ai	r. Get m	edical	l attenti	on.				
Ingestion- get medical attention. DO NOT INDUCED VOMITING														
Section VII—Precautions for Safe Handling and Use														
Steps to Be Ta	iken in Case Materia		Sweep or shovel spilled material into proper containers. Flush spill area with water.											
Waste Disposal Method  Any method for disposal of chemical wastes subject to local, state and federal regulation														
Precautions to Be Taken in Handling and Storing  Store in a cool, dry area. Keep container tightly closed. Avoid contact with acids										et with acids.				
Other Precauti	ions				Кеер о	ut of reach	of children							
Section VII—	-Control Measures	3												
Respiratory Pr	otection (Specify Ty	pe)	Not nece	ot necessary										
Ventilation	Local Exhaust		Not ne	ecessary			Special	N	lone					
	Mechanical (Genera	nI)	Not ne	ecessary	essary Other None									
Protective Glo	ves Rubber		·		Eye F	Protection		Gog	gles					
Other Protectiv	ve Clothing or		Work Hygienic practices  Wash hand before eating. A ingestion or inhalation						ı. Avoid					
Section VIII-	-Transportation Ir	nformatio	on											
	-	HIPPING NAME							Require	d Label(s):				
UN/NA#			HAZA	ARD CLA	SS	PACKIN	G GROU		8 (Corrosive)					
UN 3253	SODA NOZZLE DEFENDER	<b>.</b>	8			III								
	•		1					- 1						