

## MATERIAL SAFETY DATA SHEET

ADVANCE ENCAPSULATED DISH DET.PLUS Product Name Emergency (800)831-9889 I 65202000 UPC-A 363652020001 SCC 10363652020008 Medical(Collect) (303)592-1024 Product Code Chemical Product Chemtree (800)424-9300 Manufacturer AMERICLEAN SYSTEMS, INC. and Company 26935 NORTHWESTERN HWY, SUITE 400 05/31/2000 Date Indentification SOUTHFIELD, MI 48034 ENCAPSULATED MACHINE DISHWASH CLEANER - CHLORINATED Chemical Family Units Chemical Name of Hazardous Ingredient **Exposure Limits SODIUM HYDROXIDE (1310-73-2)** <15 TLV C 2; PEL C 2 MG/M3  $\Pi$ Composition/ Information on Ingredients CAUSES BURNS TO SKIN AND EYES. HARMFUL IF INHALED OR SWALLOWED. Signs U and Symptoms NONE Exposure Ш O Haz ards Identific ation HMIS: Health 3 Personal Protection Flammability 0 Reactivity  $\mathbf{c}$ SENSITIVE SKIN AND EYES Conditions Aggravated Carcinogen Info NONE NTP **IARC OSHA** Target Organs or System Routes of Exposure: Inhalation Skin X Ingestion X X Inhalation REMOVE TO FRESH AIR. GET MEDICAL ATTENTION. IV Eyes FLUSH EYE WITH WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. First Aid Measures Skin FLUSH WITH WATER. WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. GIVE WATER, DO NOT INDUCE VOMITING. GET MEDICAL Ingestion ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Fire Control NONE Measures/ Equipment V Flammable Property Info Fire Fighting NONE **Explosion Info** Measures Extinguishing Media WATER, CO2, FOAM, DRY CHEMICALS Gases

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	Environmental Precautions
	Ventilation Required? YES Instructions NO
VII Handling and Storage	Safe Storage, Handling and Use Instructions  STORE IN A DRY PLACE. KEEP COVER ON CONTAINER. KEEP AWAY FROM ACIDS. DO NOT USE WATER GREATER THAN 140 DEGREES F. FOR DISSOLVING PRODUCT IN CONTAINER.
	Imcompatible Materials
	Protective Gloves RUBBER, WHEN CONTACT IS LIKELY.
VIII	Eye Protection SAFETY GLASSES OR GOGGLES, WHEN CONTACT IS LIKELY.
Exposure Controls/ Personal Protection	Respiratory NONE Protection
	Other Protective NONE Clothing Equipment
	Characteristics o of Hazardous Chemcial
IX	Vapor Pressure N/A MmHg@ °C Vapor Density(Air=1 N/A pH Water Solubility 29 %  Appearance & Odor WHITE POWDER; MILD ODOR IN DISPENSING CAPSULE.
Physical and Chemical	Boiling Point N/A °F Melting Point °F Flammability Limits in Air By Volume: Upper NONE Lower NONE
Properties	Flash Point NONE °F Auto Ignition N/A °F Oxidizing Properties
	Specific Gravity N/A Volatile by Volume 0 %
	Evaporation Rate(n-Butyl Acetate=1) <1 Peroxide, Pyrophoric, Unstable or Water Reactive MODERATE
-	Reactivity and Hazardous Polymerization NONE
X	Possible Hazardous Reactions
Stability and	Conditions to Avoid
Reactivity	Materials To Avoid  FLAMMABLE LIQUIDS, ACTIVE METALS, AND STRONG ACIDS.  To Avoid  Hazardous  CO WITH INCOMPLETE COMBUSTION, MAY RELEASE CHLORINE
	Hazardous CO WITH INCOMPLETE COMBUSTION. MAY RELEASE CHLORINE Decomposition Products GASES WHEN MIXED WITH ACIDS, OR ABOVE 250 DEGREES F.
XI Toxicological Information	
XII	Possible Effects and Environmental Fate
Ecological Information	Degradability  Aquatic Toxicity
	Method of Disposal, Residues and  REMOVE OR DEFACE LABEL BEFORE CONTAINER DISPOSAL. CONSULT LOCAL OR STATE DISPOSAL REGULATIONS FOR DISPOSAL OF LARGE AMOUNTS. TRIPLE RINSE EMPTY CONTAINER, RETURN RINSATE TO OPERATION.
XIII	Safe
Disposal	Handling
Consideration	
	Disposal of CO WITH INCOMPLETE COMBUSTION. MAY RELEASE CHLORINE GASES WHEN MIXED WITH ACIDS, OR ABOVE 250 DEGREES F.
XIV	CORROSIVE SOLID,BASIC,INORGANIC,N.O.S., (SODIUM HYDROXIDE),8,UN3262,PG II,
Transport Information	ERG#60, NAERG#154
XV-Regulatory Information XVI-Other Information	
S.A.R.A.	NONE
Title III Section 313	
State Right to Know Information	SODIUM CARBONATE - CAS #497-19-8 SODIUM HYDROXIDE - CAS #1310-73-2 SODIUM TRIPOLYPHOSPHATE - CAS #7758-29-4