



INDUSTRIAS AIE n
RESEARCH & DEVELOPMENT

MATERIAL SAFETY DATA SHEET

NFPA HAZARDS

HEALTH	0
FLAMMABILITY	1
REACTIVITY	0
SPECIFIC	ALK

SECTION I. PRODUCT AND COMPANY INFORMATION

MANUFACTURER ALEN DEL NORTE S.A. DE C.V.	MEXICO EMERGENCY TELEPHONE 01 800 834 33 00	FAX 01 812 211 96
ADDRESS Blvd. Díaz Ordaz No. 1000, Los Treviño, Santa Catarina, C.P. 66350, N.L. México	INFORMATION TELEPHONE (US) For domestic shipments 800 424 9300 For shipments outside US 703 527 3887	

PRODUCT NAME FESTIVAL SERENADE OF FLOWERS	CAS NUMBER NA
CHEMICAL NAME NA	
SYNONYMS/ TRADE NAMES NA	
APPLICATION Household all-purpose cleaner	

SECTION II. COMPOSITION AND INGREDIENTS INFORMATION

HAZARDOUS INGREDIENTS Chemical/Common Name	Composition Range	CAS NUMBER	ACGHI	OSHA PEL/NIOSH REL
α-(Nonylphenyl)-ω-hydroxy-poly(oxy1,2-ethanediy)Nonyl phenol ethoxylate	4.0-0.5	9016-45-9	TLV: Not estab.	ND
2-butoxyethanol	4.0-0.5	111-76-2	TLV-TWA: 25ppm	REL-TWA: 5 ppm PEL-TWA: 50 ppm
Formaldehyde	0.05-0.001	50-00-0	TLV-ceiling: 0.3 ppm	PEL-TWA: 0.75 ppm PEL-STEL: 2 ppm REL-TWA: 0.016 ppm REL-ceiling: 0.1 ppm

SECTION III. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW	There is no known adverse effect form chronic exposure to the recommended use of this product
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SECTION IV. FIRST AID MEASURES

INGESTION	Do not induce vomit, drink large quantities of water and get medical attention, if needed.
INHALATION	Is not an irritant, in case concentrated vapors were formed due to heating, get fresh air.
SKIN	Wash with soap or mild detergent and large amounts of water until no evidence of product remains.
EYES	Wash eyes immediately with large amounts of water or normal saline, occasionally lifting upper and lower lids, until no evidence of chemical remains. Get medical attention, if needed.

SECTION V. FIRE AND EXPLOSION DATA

FLASH POINT °C NA	TEST METHOD NA
FLAMMABILITY NA	EXPLOSIVE LIMITS IN AIR NA

EXTINGUISHING MEDIA:
 WATER SPRAY CO2 FOAM OTHER

UNUSUAL FIRE AND EXPLOSION HAZARDS
 Full breathing apparatus and firefighting equipment.

SPECIAL FIRE FIGHTING PROCEDURES
 NA

CONDITIONS TO AVOID
 NA

HAZARDOUS COMBUSTION PRODUCTS
 ND

SECTION VI. SPILL AND DISPOSAL INFORMATION

STEPS TO BE TAKEN IN CASE OF SPILLAGE OR RELEASE
 Large spills: wear protective equipment, remove sources of ignition, sweep up the material, use absorbent material like sand or saw dust, collect in closed containers, wash area with water.
 Small spills: wash area with plenty of water.

PERSONAL PROTECTION EQUIPMENT
 GLOVES Latex GOGGLES BOOTS COARSE OTHER

SECTION VII. HANDLING AND STORAGE

Keep out of the reach of children

SECTION VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION REQUERIMENTS
 GENERAL VENTILATION LOCAL VENTILATION UNNECESSARY IN NORMAL COND.

PERSONAL PROTECTION EQUIPMENT UNDER NORMAL USE CONDITIONS
 GLOVES Latex GOGGLES BOOTS COARSE OTHER

WORK/HYGIENIC PRACTICES
 None special requirements

SECTION IX. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear liquid

COLOR AND ODOR: Red and floral smell

BOILING POINT (°C):	100-103	MELTING O FREEZING POINT:	NA
FIRE POINT (° C):	NA	AUTO IGNITION TEMPERATURE (°C):	NA
DENSITY (g/ml):	1.000-1.004	VAPOR DENSITY:	NA
MOLECULAR WEIGHT:	NA	VOLATILITY:	NA
PERCENT VOLATILE 100°C :	97.0-98.0	VAPOR PRESSURE (mmHg a 37.3°C):	NA
LOWER EXPLOSION LIMIT (%):	NA	UPPER EXPLOSION LIMITY (%):	NA
PH:	6.5-7.5	VISCOSITY (cps):	NA
SOLUBILITY IN WATER:	COMPLETE		
SOLUBILITY IN OTHERS:	NA		

SECTION X. REACTIVITY INFORMATION

STABILITY:
 STABLE UNSTABLE

INCOMPATIBILITY WITH VARIOUS SUBSTANCES
 NONE KNOWN WATER ACIDS ALKALIS OXID OTHER

HAZARDOUS POLYMERIZATION
 WILL NOT OCCUR MAY OCCUR (CONDITION TO AVOID)

CONDITIONS OF INSTABILITY
 WILL NOT OCCUR MAY OCCUR (CONDITION TO AVOID)

HAZARDOUS DECOMPOSITION PRODUCTS
 Carbon dioxide, carbon monoxide may be produced. Sulfur compounds may also be produced

SECTION XI. TOXICOLOGICAL INFORMATION

A. HEALTH EFFECTS

	ACUTE	CHRONIC
INGESTION	May cause irritation to intestinal mucuous	NA
INHALATION	None under normal use conditions	ND
SKIN	May cause irritation on sensitive skin	ND
EYES	Moderately irritant	NA

HAZARDS
 CARCINOGENIC INCLUDED IN NOM 010 STPS MUTAGENIC THERATOGENIC INCLUDED IN OTHER REFERENCES

COMPLEMENTARY INFORMATION
 TEST RESULTS ANIMAL SPECIES
 Irritability, IMSS Norm. 1996, Product diluted 1:10 Primary irritant negative Rabbit

SECTION XII. ECOLOGICAL INFORMATION

ECOTOXICITY
 NA

SECTION XIII. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHODS
 Dispose in accordance with all local, state and federal regulations.

SECTION XIV. TRANSPORT INFORMATION

DOT CLASSIFICATION	Not a DOT controlled material (United States)	SPECIAL PROVISIONS FOR TRANSPORT	NA
PROPER SHIPPING NAME	not applicable	TDG CLASSIFICATION	Not a TDG controlled material
DOT IDENTIFICATION #	not applicable	ADR CLASSIFICATION	NA
PACKING GROUP	not applicable	IMDG CLASSIFICATION	Not controlled under IMDG
MARITIME TRANSPORTATION	NA	IATA CLASSIFICATION	Not controlled under IATA
HAZARDOUS SUSTANCES REPORTABLE QUANTITY	NA		

SECTION XV. REGULATORY INFORMATION

RCRA(40 CFR 261, Subpart D): This product contains formaldehyde which exhibits the hazardous waste characteristic of toxicity U122.	NEW JERSEY RIGHT TO KNOW HAZARDOUS SUBSTANCE LIST:
CLEAN WATER ACT: Contains Formaldehyde which is a 301, 307 and 311 material. RQ = 100 lb/45.4 kg.	This product contains the following components subject to reporting requirements: Formaldehyde and 2-butoxyethanol.
CLEAN AIR ACT: Contains nonyl phenol ethoxylate which is a Section 111 material, and 2-butoxyethanol and formaldehyde wich are a Section 111 and 112 materials.	PENNSYLVANIA HAZARDOUS SUBSTANCE LIST This product contains the following components subject to reporting requirements: Formaldehyde and 2-butoxyethanol.
SARA Sections 301-304 (Threshold Planning Quantity - TPQ) 40 CFR 355: Formaldehyde; TPQ=500lbs.	MASSACHUSETTS SUBSTANCE LIST: This product contains the following components subject to reporting requirements: Formaldehyde and 2-butoxyethanol.

SECTION 313 (Toxic Chemical Release Reporting) 40 CFR 372: The following chemicals must be reported under SARA 313: Formaldehyde	STATE OF ILLINOIS SUBSTANCE LIST: This product contains the following components subject to reporting requirements: Formaldehyde and 2-butoxyethanol.
CERCLA: Section 102: (Reportable Quantity - RQ) The RQ for this product to the environment is 100 lbs. based on the presence of formaldehyde. Releases greater than or equal to 100 lbs. must be reported to the National Response Center (NRC) immediately: (800) 424-8802	MICHIGAN CRITICAL MATERIALS REGISTER: This product contains the following components subject to reporting requirements: Formaldehyde. CANADA: (WHMIS)- listed material This product contains the following components subject to reporting requirements: Formaldehyde and 2-butoxyethanol.
CALIFORNIA PROPOSITION 65 Carcinogens and reproductive toxins This product contains the following components subject to reporting requirements: Formaldehyde.	TSCA Section 8(b) INVENTORY STATUS: All ingredients listed in this product are listed in the TSCA Inventory or are not required to be listed in the TSCA Inventory

SECTION XVI. OTHER INFORMATION

HMIS CLASSIFICATION (USA): HEALTH HAZARD <input type="text" value="0"/> FIRE HAZARD <input type="text" value="1"/> REACTIVITY <input type="text" value="0"/> PERSONAL PROTECTION <input type="text" value="-"/>	NFPA Aerosol Level: Not Applicable *NA: Not available TLV: threshold limit values *ND: Not determined	
CREATION DATE: June 18, 2003	TRANSCRIPTION DATE: Aug 29, 2006	TRANSCRIBED BY: LQI Miguel A. López Landeros

DISCLAIMER

The submission of this MSDS may be required by law, but this is not an assertion that the substance is hazardous when used in accordance with proper safety practices and normal handling procedures. Data supplied is for use only in connection with occupational safety and health

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