



**INDUSTRIAS AIE n  
RESEARCH & DEVELOPMENT**

**MATERIAL SAFETY DATA SHEET**

NFPA HAZARDS	
HEALTH	0
FLAMMABILITY	2
REACTIVITY	0
SPECIFIC	ALK

**SECTION I. PRODUCT AND COMPANY INFORMATION**

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ADDRESS Blvd. Díaz Ordaz No. 1000, Los Treviño, Santa Catarina, C.P. 66350, N.L. México	INFORMATION TELEPHONE (US) <b>For domestic shipments 800 424 9300</b> <b>For shipments outside US 703 527 3887</b>	
PRODUCT NAME <b>FESTIVAL DEGREASER CLEANER</b>		
CHEMICAL NAME <b>NA</b>	CAS NUMBER <b>NA</b>	
SYNONYMS/ TRADE NAMES <b>NA</b>		
APPLICATION <b>Household degreaser cleaner</b>		

**SECTION III. COMPOSITION AND INGREDIENTS INFORMATION**

HAZARDOUS INGREDIENTS Chemical/Common Name	Composition Range	CAS NUMBER	ACGHI	OSHA PEL/NIOSH REL
2-butoxyethanol	1.5-0.5	111-76-2	TLV-TWA: 25 ppm	REL-TWA: 5 ppm PEL-TWA: 50 ppm
Isopropyl alcohol/ Isopropanol	1.0-0.01	67-63-0	TLV-TWA: 400 ppm TLV-STEL: 500 ppm	REL-TWA: 400 ppm REL-STEL: 500 ppm PEL-TWA: 400 ppm

**SECTION III. HAZARDS IDENTIFICATION**

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

INGESTION	<b>Do not induce vomit, drink large quantities of water and get medical attention, if needed.</b>
INHALATION	<b>Is not an irritant, in case concentrated vapors were formed due to heating, get fresh air. May cause headache, nausea, dizziness.</b>
SKIN	<b>Wash with soap or mild detergent and large amounts of water until no evidence of product remains.</b>
EYES	<b>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.</b>

**SECTION V. FIRE AND EXPLOSION DATA**

FLASH POINT °C <b>53° C</b>	TEST METHOD <b>Peskin-Martens Closed Cup Test</b>
FLAMMABILITY <b>NA</b>	EXPLOSIVE LIMITS IN AIR <b>NA</b>
EXTINGUISHING MEDIA: WATER SPRAY <input checked="" type="checkbox"/> CO2 <input checked="" type="checkbox"/> FOAM <input checked="" type="checkbox"/> OTHER <input checked="" type="checkbox"/> <b>Chemical dust</b>	
UNUSUAL FIRE AND EXPLOSION HAZARDS <b>Full breathing apparatus and firefighting equipment.</b>	
SPECIAL FIRE FIGHTING PROCEDURES <b>NA</b>	

CONDITIONS TO AVOID  
 NA

HAZARDOUS COMBUSTION PRODUCTS  
 Keep away from heat, sparks and other heat sources.

**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.

PERSONAL PROTECTION EQUIPMENT  
 GLOVES  Latex      GOGGLES       BOOTS       COARSE  Resistant      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:	Green and lemon smell		
BOILING POINT ( °C ):	ND	MELTING O FREEZING POINT:	NA
FIRE POINT ( ° C ):	NA	AUTO IGNITION TEMPERATURE (°C):	NA
DENSITY (g/ml):	0.998-1.002	VAPOR DENSITY:	NA
MOLECULAR WEIGHT:	NA	VOLATILITY:	NA
PERCENT VOLATILE 100°C :	95.0-96.0	VAPOR PRESSURE ( mmHg a 37.3°C):	NA
LOWER EXPLOSION LIMIT (%):	NA	UPPER EXPLOSION LIMITY (%):	NA
PH:	9.1-11.0	VISCOSITY (cps):	NA
SOLUBILITY IN WATER:	COMPLETE		
SOLUBILITY IN OTHERS:	ND		

**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 producec

**SECTION XI. TOXICOLOGICAL INFORMATION**

**A. HEALTH EFFECTS**

	ACUTE	CHRONIC
INGESTION	ND	NA
INHALATION	None under normal use conditions	ND
SKIN	May cause irritation on sensitive skin.	ND
EYES	Moderately irritant	NA
HAZARDS		
CARCINOGENIC <input type="checkbox"/>	MUTAGENIC <input type="checkbox"/>	THERATOGENIC <input type="checkbox"/>
INCLUDED IN NOM 010 STPS <input type="checkbox"/>		INCLUDED IN OTHER REFERENCES <input type="checkbox"/>
COMPLEMENTARY INFORMATION		
TEST	RESULTS	ANIMAL SPECIES
NA	NA	NA

**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 SUBSTANCES REPORTABLE QUANTITY	NA		

**SECTION XV. REGULATORY INFORMATION**

RCRA(40 CFR 261, Subpart D): Not Applicable.	NEW JERSEY RIGHT TO KNOW HAZARDOUS SUBSTANCE LIST:
CLEAN WATER ACT: Not Applicable.	This product contains the following components subject to reporting requirements: Isopropanol and 2-butoxyethanol.
CLEAN AIR ACT: Contains isopropanol which is a Section 111 material and 2-butoxyethanol which is a Section 111 and 112 material.	PENNSYLVANIA HAZARDOUS SUBSTANCE LIST This product contains the following components subject to reporting requirements: Isopropanol and 2-butoxyethanol.
SARA Sections 301-304 (Threshold Planning Quantity - TPQ) 40 CFR 355: Not Applicable.	MASSACHUSETTS SUBSTANCE LIST: This product contains the following components subject to reporting requirements: Isopropanol and 2-butoxyethanol.
SECTION 313 (Toxic Chemical Release Reporting) 40 CFR 372: The following chemicals must be reported under SARA 313: Isopropanol.	STATE OF ILLINOIS SUBSTANCE LIST: This product contains the following components subject to reporting requirements: Isopropanol and 2-butoxyethanol.

<p>CERCLA: Section 102: (Reportable Quantity - RQ) 40 CFR 302: Not Applicable.</p>	<p>MICHIGAN CRITICAL MATERIALS REGISTER: This product contains the following components subject to reporting requirements: Not Applicable.</p>
<p>CALIFORNIA PROPOSITION 65 Carcinogens and reproductive toxins Not Applicable.</p>	<p>CANADA: (WHMIS)- listed material This product contains the following components subject to reporting requirements: Isopropanol and 2-butoxyethanol. 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</p>

**SECTION XVI. OTHER INFORMATION**

<p>HMIS CLASSIFICATION (USA): HEALTH HAZARD <input type="text" value="0"/> FIRE HAZARD <input type="text" value="2"/> REACTIVITY <input type="text" value="0"/> PERSONAL PROTECTION <input type="text" value="-"/></p>	<p>NFPA Aerosol Level: Not Applicable *NA: Not available TLV: threshold limit values *ND: Not determined</p>
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<p>CREATION DATE: June 18, 2003</p>	<p>TRANSCRIPTION DATE Sept 01, 2006</p>	<p>TRANSCRIBED BY LQI Miguel A. López Landeros</p>
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**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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