

# MATERIAL SAFETY DATA SHEET

DOT 111/113

(FORMULA 7)

<b>Manufacturer:</b>	<i>Delta-Omega Technologies, Ltd.</i>		
<b>Emergency Phone:</b>	(800) 424-9300 CHEMTREC		
<b>Physical Address:</b>	7608 West Highway 90, New Iberia, Louisiana 70560		
<b>Business Phone:</b>	(318) 367-6400		
<b>Prepared By:</b>	Industrial Hygiene Division	<b>Date Prepared:</b>	May 24, 1994

## SECTION 1 - IDENTITY

<b>Common Name:</b>	DOT 111/113 (Used on label)	<b>CAS Number:</b>	Blend
<b>Chemical Name:</b>	N/A (This is a mixture)	<b>Chemical Family:</b>	Cleaning Agent
<b>Formula:</b>	Proprietary		

## SECTION 2 - INGREDIENTS

### PART A-Hazardous Ingredients:

No constituents are hazardous as defined in 29 CFR 1910.1200

### PART B-Other Ingredients:

Proprietary mixture of surfactants; fatty acids not otherwise specified; and water.  
All ingredients in this product are on the TSCA Inventory List.

## SECTION 3 - PHYSICAL AND CHEMICAL CHARACTERISTICS (Fire and Explosion Data)

<b>Boiling Point:</b>	> 212° F	<b>Freezing Point:</b>	< 32° F
<b>Vapor Pressure:</b>	(mm Hg) N/A	<b>Vapor Density:</b>	(Air = 1) N/A
<b>Specific Gravity:</b>	1.00 @ 25° C	<b>Solubility in H<sub>2</sub>O:</b>	100%
<b>Appearance/Odor:</b>	Clear/Odorless Liquid	<b>pH:</b>	9.4
<b>Flash Point:</b>	None to Boiling	<b>LEL/UEL:</b>	None
<b>Auto-ignition Temperature:</b>	Not Determined		
<b>Extinguishing Media:</b>	The product is non-flammable.		
<b>Special Firefighting Procedures:</b>	None		
<b>Unusual Fire and Explosion Hazards:</b>	None		

## SECTION 4 - PHYSICAL HAZARDS

<b>Stability:</b> Product is stable.	<b>Conditions to Avoid:</b> N/A
<b>Incompatibility (Materials to Avoid):</b> Strong acids; reactive metals; electrically energized equipment; any materials reactive with water.	
<b>Hazardous Decomposition Products:</b> None known.	
<b>Polymerization:</b> Will not occur.	<b>Conditions to Avoid:</b> N/A

## HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

0-HEALTH	0-FLAMMABLE	0-REACTIVITY
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## SECTION 5 - HEALTH HAZARDS

<b>Threshold Limit Values:</b> None established by OSHA.
<b>Routes of Contact - Eyes:</b> May cause mild irritation. Keep product away from children.
<b>Routes of Contact - Skin:</b> Skin exposure not anticipated to be a problem. Individuals with chemically sensitive skin may notice slight irritation with product in concentrated form. Keep product away from children.
<b>Routes of Contact - Inhalation:</b> Inhalation not anticipated to be a problem.
<b>Routes of Contact - Ingestion:</b> Ingestion not anticipated to be a problem. Exceedingly large oral doses of concentrate could produce narcosis. Keep product away from children.
<b>Signs and Symptoms:</b> Acute over exposure: Slight irritation to eyes and skin. Chronic over exposure: No data available. Not considered a problem.
<b>Medical Conditions Aggravated by Exposure:</b> No data available. Not considered a problem.
<b>Chemicals Listed As Possible Carcinogens:</b> National Toxicity Program? No I. A. R. C. Monographs? No O. S. H. A. Regulated? No

## SECTION 6 - EMERGENCY FIRST AID PROCEDURES

<b>Eye Contact:</b> Use preventative measures. If contacted with eyes, flush with copious amounts of water for 15 minutes. If irritation persists, seek medical attention. Irritation after flushing is generally not anticipated. Keep product away from children.
<b>Skin Contact:</b> Rinse with water. If irritation is noticed, seek medical attention. Irritation after flushing is generally not anticipated. Keep product away from children.
<b>Inhalation:</b> Inhalation of product is not considered a problem. If any breathing difficulties are noticed, remove to fresh air and seek medical attention. Keep product away from children.
<b>Ingestion:</b> Ingestion is not considered a problem. If large oral doses of concentrated product are taken internally and patient is conscious, give large doses of water. Aspiration is more harmful than ingestion. Seek medical attention. Keep product away from children.

## SECTION 7 - SPECIAL PROTECTION INFORMATION

<b>Respiratory Protection:</b> Not normally necessary.
<b>Ventilation:</b> None required.
<b>Protective Gloves:</b> Not normally necessary. If individual has chemically sensitive skin, gloves should be worn.
<b>Eye Protection:</b> Chemical goggles are recommended if splashing is likely.
<b>Other Protective Clothing or Equipment:</b> HMIS PERSONAL PROTECTION A: Safety Glasses B: Safety Gloves

## SECTION 8 - SPECIAL PRECAUTIONS AND SPILL/LEAK PROCEDURES

<b>Handling and Storage:</b> Store in original container. Avoid strong acids. Refer to Section 4 - Incompatibility information.
<b>Other Precautions:</b> Avoid eye contact. Limit skin contact.
<b>Spill/Leak Procedures:</b> Pick up or vacuum as much of the product as possible for reuse. Flush remaining residue with water until suds subside. Follow applicable regulations.
<b>Disposal Procedures:</b> Product is self-disposing by application, is non-toxic, biodegradable and, when diluted, is acceptable to meet requirements for NPDES discharge to POTW.

## GLOSSARY

N/A = Not Applicable < = Less Than > = Greater Than

**IMPORTANT NOTICE:** To the best of our knowledge, the information contained herein is true and accurate. The manufacturer warrants that this product conforms to the technical specifications provided that this product is maintained in its original container and stored as indicated in the instructions for use. The manufacturer's only obligation shall be to replace such quantity of the product proved to be defective. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. **NEITHER SELLER NOR MANUFACTURER SHALL BE LIABLE EITHER IN TORT OR IN CONTRACT FOR ANY LOSS OR DAMAGE, DIRECT, INCIDENTAL, OR CONSEQUENTIAL, ARISING OUT OF THE USE OR THE INABILITY TO USE THE PRODUCT.**

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