

Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	OilPro NEC-5600	
Chemical Family:	Modified polyester blend	
Application:	De-emulsifier	
Company Name:	ARC Products, INC	
Address:	4010 La Reunion Parkway	
	Suite 160	
	Dallas, TX 75212	
Company Telephone:	SDS and Product Information (7:00am – 4:00pm CST) Chemtrec North America	(214) 638-2468 (800) 424-9300

2. HAZARDS IDENTIFICATION

Classification:		
OSHA Regulatory Status		
Globally Harmonized System of Classification and Labelling of Chemicals (GHS)	This product has been classified as a hazardous substance or mixture according to the Globally Harmonized System (GHS)	
Pictogram		
Signal word:	Danger	
Classification of the substance or mixture:	Skin corrosion, Category 1B Serious eye damage, Category 1 Specific target organ systemic toxicity – repeated exposure, Category 2	H314: Causes serious skin burns and eye damage H318: Causes serious eye damage H373: May cause damage to organs through prolonged or repeated exposure if swallowed (Liver, blood, kidney)
Precautionary statements:	Prevention P260: Do not breathe dust/fume/gas/mist/vapors/spray P264: Wash skin thoroughly after handling P280: Wear protective gloves/eye protection/face protection	

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	Response P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304 + P340 + P310 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305 + P351 + P338 + P310 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician. P314 Get medical advice/attention if you feel unwell. P363 Wash contaminated clothing before reuse.
	Storage P405 Store locked up P420: Store away from strong oxidizing agents
	Disposal P501: Dispose of contents/containers in accordance with local/regional/national/international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Percent wt%
Proprietary blend		70 – 86
Diethanolamine	111-42-2	5 – 10
1,2,3-propanetriol	56-81-5	2.5 – 6.5

4. FIRST AID MEASURES

Inhalation:	Remove from area to fresh air. If breathing is irregular or stopped administer artificial respiration. If breathing is difficult give oxygen. Call a physician immediately.
Skin:	Wash affected areas with plenty of water and soap if available, for several minutes. Remove all contaminated clothes and shoes. When symptoms persist or in all cases of doubt seek medical advice. Wash contaminated clothing before re-use.
Eyes:	Check for and remove contact lenses. Rinse eyes with water for at least 15 minutes and consult a physician.
Ingestion:	If swallowed call a poison control center or doctor immediately. Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person.
Medical Conditions:	Skin contact may aggravate existing skin disease. Inhalation of product may aggravate existing chronic respiratory problems such as asthma, emphysema or bronchitis.
Notes to Physician:	

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5. FIRE FIGHTING MEASURES

Flash Point Range (° F)	>100°C; 212°F
Flash Point Method:	Pensky Martens Closed Cup
Autoignition (° F)	Not determined
Products of Combustion:	CO _x and NO _x
Flammability: Lower %	Not determined
Flammability: Upper %	Not determined
Fire Extinguishing Media:	Water spray, foam, dry chemical, carbon dioxide (CO ₂)
Unusual Fire and Explosion Hazards:	
Special Protective Equipment for Fire Fighters:	Wear self-contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures:	Wear appropriate protective equipment.
Environmental Precaution:	Do not flush concentrated product into surface water or sanitary sewer system.
Methods for Clean-up:	Evacuate personnel to safe areas. Remove all sources of ignition.
Small Spill or Leak	Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose of according to local and regional authority requirements.
Large Spill or Leak	If the product is in its solid form: Use a shovel to put the material into a convenient waste disposal container. If the product is in its liquid form: Absorb with an inert material and put the spilled material in an appropriate waste disposal. Finish cleaning by spreading water on the contaminated surface and allow to evacuate through the sanitary system.

7. HANDLING AND STORAGE

Handling Precautions:	Avoid contact with eyes and skin. Wash any contaminated clothing. Wash thoroughly after handling. Do not store, use and/or consume foods, beverages, tobacco products or cosmetics in areas where this material is stored.
Storage/Transport pressure:	
Load/Unload temperature	30 - 40°C; 86 - 104°F



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Storage Information:	Keep container tightly closed and in a cool, well-ventilated place. Use only with adequate ventilation. Do not store below 32°F. If drums are heated make sure to vent while heating. Homogenize before using.
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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Provide adequate ventilation especially in confined areas to ensure concentrations are kept below exposure limits. Ensure eyewash stations and safety showers are readily accessible to work area.																		
Respiratory Protection:	When respirators are required, select NIOSH/MSHA approved equipment based on actual or potential airborne concentrations and in accordance with the appropriate regulatory standards and/or industrial recommendations.																		
Hand Protection:	Wear chemical resistant gloves.																		
Skin Protection:	Full protective clothing, chemical resistant boots and gloves.																		
Eye Protection:	Wear safety glasses with side shields, goggles or face shield.																		
Personal Protective Equipment in case of a large spill:	Splash goggles. Full suit. Boots. Gloves.																		
Exposure limits:	<table><tr><th colspan="4">Component</th></tr><tr><td rowspan="2">Diethanolamine</td><td>TWA: 3ppm, 15mg/m³</td><td>(NIOSH)</td><td></td></tr><tr><td>TWA: 1mg/m³</td><td>(ACGIH)</td><td></td></tr><tr><td rowspan="2">1,2,3-Propanetriol</td><td>TWA: 5mg/m³</td><td>(OSHA)(mist, respirable fraction)</td><td></td></tr><tr><td>TWA: 15mg/m³</td><td>(OSHA)(mist, total dust)</td><td></td></tr></table>	Component				Diethanolamine	TWA: 3ppm, 15mg/m ³	(NIOSH)		TWA: 1mg/m ³	(ACGIH)		1,2,3-Propanetriol	TWA: 5mg/m ³	(OSHA)(mist, respirable fraction)		TWA: 15mg/m ³	(OSHA)(mist, total dust)	
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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Amber
Odor:	Characteristic
pH:	9.2 (1% aqueous)
Specific Gravity @ 25 ° C, g/ml	1.0251
Density @ 25 ° C (lbs/gal):	8.54
Boiling Point:	Not determined
Melting Point, ° C / ° F	Not determined
Vapor Pressure @ 21 ° C (mm Hg)	Not determined
Percent Volatiles:	Not determined
Evaporation Rate (Butyl Acetate = 1)	Not determined

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Solubility in Water:	Soluble
Solubility in Solvents:	
Viscosity, Kinematic @ 25 ° C, cPs	1183

10. STABILITY AND REACTIVITY

Stability Data:	Stable under normal conditions
Hazardous Polymerization:	Will not occur under normal conditions
Conditions to Avoid:	
Incompatibility (Materials to Avoid):	Strong oxidizing agents and strong reducing agents
Hazardous Decomposition:	Will not occur under normal conditions.
Additional Guidelines:	

11. TOXICOLOGICAL INFORMATION

Principal Route of Exposure:	
Inhalation:	Not determined
Skin Contact:	Prolonged contact may cause irritation and/or dermatitis.
Eye Contact:	Can be moderately irritating to eyes.
Ingestion:	May cause gastrointestinal irritation, nausea, vomiting and diarrhea
Toxicological Data	
Chronic Effects:	Not Determined.
Other Toxic Effects on Humans:	Not Determined
Toxicity to Animals:	No data available
Oral Toxicity:	LD50: (Rat): Not determined
Dermal Toxicity:	Not Determined
Inhalation Toxicity:	LC50: (Rat-4 hours): Not determined
Primary Irritation Effect:	Primary skin irritation: (Rabbit): Not determined Primary Eye irritation: (Rabbit): Not determined
Carcinogenicity:	<u>Component</u> Nonionic surfactant: Group 2B: Possible carcinogen to humans (IARC) Diethanolamine: Group 2B: Possible carcinogen to humans (IARC) Confirmed animal carcinogen with unknown relevance to humans (ACGIH)

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12. ECOLOGICAL INFORMATION

Mobility (Water/Soil/Air):	Not Determined.
Toxicity of the Products of Biodegradation:	Not determined
Bioaccumulation:	Not Determined.
Ecotoxicological Information	Not Determined.
Acute Fish Toxicity:	Not determined.
Acute Crustaceans Toxicity:	Not Determined.
Acute Algae Toxicity:	Not Determined.
Chemical Fate Information:	Not Determined.
Other Information:	Not determined

13. DISPOSAL CONSIDERATIONS

Disposal Method:	Keep away from natural water sources. Observe all applicable federal, state, and local regulations.
Empty containers:	Empty drums should be completely drained, triple rinsed, properly bunged and promptly returned to a drum conditioner or properly disposed. If disposed of do so in accordance with federal, state and local environmental control regulations.

14. TRANSPORT INFORMATION

DOT	Proper Shipping Name: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (alkyl phosphate, diethanolamine salt) Hazard Class: 8 UN Number: 3267 Packing Group: III Emergency Response Guidebook #: 153
IMDG	Proper Shipping Name: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (alkyl phosphate, diethanolamine salt, coco diethanolamide) Hazard Class: 8 UN Number: 3267 Packing Group: III EmS: F-A, S-B
ICAO/IATA	Proper Shipping Name: CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (alkyl phosphate, diethanolamine salt, coco diethanolamide) Hazard Class: 8 UN Number: 3267 Packing Group: III

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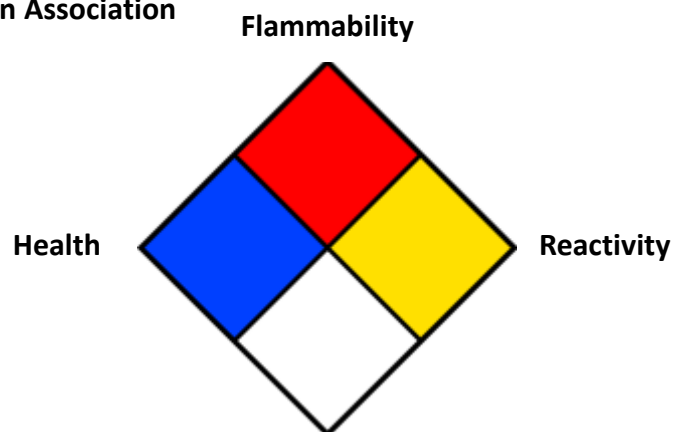
15. REGULATORY INFORMATION

HCS Classification:	
<u>US FEDERAL REGULATIONS</u>	
US TSCA Inventory Listing	All intentionally present components are listed on the TSCA inventory.
EPA SARA Title III: Extremely Hazardous Substances:	Substance: NA CAS: TPA (pounds): EHS-RQ (pounds):
EPA SARA (302) Chemicals:	No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
EPA SARA (311/312) Classification	None
EPA SARA (313) Chemicals:	<u>Component</u> Diethanolamide, 111-42-2 5-10%
EPA CERCLA Hazardous Substances (40 CFR 302.4):	Substance: Diethanolamide CAS: 111-42-2 RQ (pounds): 100lbs
EPA RCRA Hazardous Waste Classification:	NA
<u>INTERNATIONAL REGULATIONS:</u>	
Canadian DSL Inventory:	Listed
Canadian NDLS Listing:	
Australian AICS Listing:	
Japanese MITI Inventory Listing	
WHMIS Hazard Class:	Not controlled
EINECS Listing:	
<u>STATE REGULATIONS</u>	
California Prop. 65	<u>Ingredients</u> <u>CAS-No.</u> Diethanolamide 111-42-2

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16. OTHER INFORMATION		
HMIS	HEALTH	
	FLAMMABILITY	
	REACTIVITY	
	PERSONAL PROTECTION	

National Fire Protection Association



To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplies nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

Signed: Mark Alexander
 Date: November 06, 2015
 Revised: May 19, 2015