

Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Oil Pro OME-33	
Chemical Family:	Partial amide in paraffinic-naphthenic solvent and tall oil fatty acid	
Application:	Emulsifier	
Company Name:	ARC Products, INC	
Address:	4010 La Reunion Parkway	
	Suite 160	
	Dallas, TX 75212	
Telephone:	MSDS and Product Information (7:00am – 4:00pm CST) Chemtrec North America	(214) 638-2468 (800) 424-9300

2. HAZARDS IDENTIFICATION

Classification:		
OSHA Regulatory Status	This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)	
	Acute toxicity, dermal – Category 4	
Globally Harmonized System of Classification and Labelling of Chemicals (GHS)		
Pictogram		
Signal word:	Warning	
Hazard elements:	H312: Harmful in contact with skin	
Precautionary statements:	Prevention P280: Wear protective gloves/protective clothing/eye protection/face protection	
	Response P302 IF ON SKIN: Wash with plenty of soap and water P312: Call a POISON CENTER or doctor/physician if you feel unwell P352: Wash with plenty of soap and water P362+P364: Take off contaminated clothing and wash it before reuse	



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	Disposal P501: Dispose of contents/container to an approved waste disposal plant
Additional advice	Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Percent wt%
Proprietary ingredients		96
2-butoxyethanol	111-76-2	4

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. Get medical attention.
Skin:	Wash affected areas with plenty of water and soap if available, for 15 minutes. Remove all contaminated clothes and shoes. Wash contaminated clothing before re-use. Get medical attention.
Eyes:	Immediately flush eyes with plenty of water for at least 15 minutes. After the initial one to two minutes of flushing check for and remove contact lenses if present. Get medical attention.
Ingestion:	If swallowed get medical attention immediately. Do not induce vomiting. If vomiting occurs spontaneously, keep airway clear. Never give anything by mouth to an unconscious person.
Medical Conditions:	Existing skin, eye and lung conditions.
Notes to Physician:	Treat symptomatically

5. FIRE FIGHTING MEASURES

Autoignition (° F)	Not determined
Products of Combustion:	COx and NOx
Flammability: Lower %	Not determined
Flammability: Upper %	Not determined
Fire Extinguishing Media:	Water spray, foam, dry chemical, carbon dioxide (CO ₂)
Special Procedures:	Use water spray to cool drums exposed to fire.
Special Protective Equipment for Fire Fighters:	Firefighters should use self-contained breathing apparatus to avoid exposure to smoke and vapor.

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NFPA Ratings:	2-1-0
HMIS Ratings:	2-1-0

6. ACCIDENTAL RELEASE MEASURES

Personal Precautionary Measures:	Wear appropriate protective equipment as a dust of unknown concentrations may be generated.
Environmental Precaution:	Do not flush into surface water or sanitary sewer system.
Methods for Clean-up:	Evacuate personnel to safe areas. Use absorbent material to clean up spills. Then shovel into labeled waste container for reuse or disposal. Dispose of waste according to local, state and federal regulations.

7. HANDLING AND STORAGE

Handling Precautions:	Keep container(s) closed when not in use. Avoid contamination of food, beverage or smoking materials. Avoid contact with eyes, skin and clothing. Personal protective equipment comprising: suitable gloves, safety goggles and protective clothing. Wash thoroughly after handling. Do not breathe mist or spray. Use with adequate ventilation and employ respiratory protection where mist or spray may be generated. Do not take internally. FOR INDUSTRIAL USE ONLY.
Storage Information:	Store in a cool, dry place away from ignition sources and open flame. Conveying and processing equipment should be spark proof, electrically bonded and grounded. Protect from freezing in storage and transit.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Guidelines:	2-butoxyethanol 111-76-2 ACGIH TLV – 20ppm TWA OSHA PEL – 50ppm TWA; 240mg/m ³ TWA, prevent or reduce skin absorption NIOSH IDLH – 700ppm IDLH
Engineering Controls:	Local exhaust ventilation as necessary to maintain exposures to within applicable limits.
Respiratory Protection:	Use approved NIOSH respiratory protection if TLV is exceeded or over exposure is likely.
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.
Exposure Limits:	No limits established for this product.
Other Protective Measures:	Eyewash fountains and safety showers must be easily accessible.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Clear, dark brown
Odor:	Paraffinic
pH:	5.5 (1% solution)
Specific Gravity @ 20 ° C, g/ml	0.60
Flash point:	157°C/315°F (PMCC)
Specific gravity @ 20 ° C	0.85
Density @ 20 ° C (lbs/gal):	7.08
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
Solubility in Water:	Soluble
Solubility in Solvents:	
Viscosity, Dynamic @ 20 ° C, cPs	<36,000

10. STABILITY AND REACTIVITY

Stability Data:	Stable under normal conditions
Hazardous Polymerization:	Will not occur under normal conditions
Conditions to Avoid:	None
Incompatibility (Materials to Avoid):	Strong oxidizing agents.
Hazardous Decomposition:	COx and NOx, short chained hydrocarbons
Additional Guidelines:	None

11. TOXICOLOGICAL INFORMATION

Principal Route of Exposure:	Skin, eyes, ingestion and respiratory tract
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Inhalation:	Not considered hazardous under normal conditions of use. Overexposure to mist or psray may cause irritation of respiratory tract.
Skin Contact:	Harmful in contact with skin. Prolonged or repeated contact with product may cause mild irritation. May cause drying, defatting and possibly dermatitis on prolonged contact.
Eye Contact:	May cause mild to moderate eye irritation.
Ingestion:	May be harmful if swallowed. Ingestion may results in nausea, vomiting and diarrhea. Aspiration of liquids into lungs can produce chemical pneumonitis.
Acute toxicity (Product):	Oral LD50: >2000mg/kg Dermal LD50: Not determined Inhalation LD50: Not determined
Acute toxicity (Component):	2-butoxyethanol 111-76-2 Oral LD50, rat: 470mg/kg Dermal LD50, rabbit: 99mg/kg Inhalation LD50, rat (4h): 450ppm
Carcinogenicity:	This product does not contain any components in concentrations greater than or equal to 0.1% that are listed as known or suspected carcinogens by NTP, IARC, ACGIH or OSHA

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 toxicity (Product):	Fish: Not determined Crustacea: Not determined Algae: Not determined
Acute toxicity (Component):	2-butoxyethanol 111-76-2 LC50 (96h), Lepomis macrochirus: 2950mg/L LC50 (96h static), Lepomis macrochirus: 1490mg/L EC50 (24h), Daphnia magna: 1698 – 1940mg/L EC50 (48h), Daphnia magna: >1000mg/L
Chemical Fate Information:	Not Determined.
Other Information:	Not determined

13. DISPOSAL CONSIDERATIONS

Disposal Method:	Do not put solutions containing this product into sewer systems. Observe all applicable federal, state, and local regulations.
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Empty containers:	Empty drums should be completely drained, triple rinsed, properly bunged and promptly returned to a drum conditioner or properly disposed.
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14. TRANSPORT INFORMATION

DOT	Not regulated
IMDG	Not regulated
ICAO/IATA	Not regulated
Labels:	N/A

15. REGULATORY INFORMATION

OSHA'S HAZARD COMMUNICATION RULE, 219 CFR 1910.1200:	
<u>US FEDERAL REGULATIONS</u>	
US TSCA Inventory Listing	All components of this product are registered in the TSCA inventory.
EPA SARA Title III: Extremely Hazardous Substances:	Substance: NA CAS: TPA (pounds): EHS-RQ (pounds):
EPA SARA (302) Chemicals:	This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Compensation and Liability Act (CERCLA)(40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA)(40 CFR 355).
EPA SARA (311/312) Classification	This product is classified as a SARA ACUTE HEALTH HAZARD.
EPA SARA (313) Chemicals:	This product contains a chemical which is subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372: 2-butoxyethanol, 111-76-2, 4% SARA 313 Threshold Values % - 1.0% de minimus concentration
EPA CERCLA Hazardous Substances (40 CFR 302):	Substance: CAS: RQ (pounds):
EPA RCRA Hazardous Waste Classification:	NA
<u>INTERNATIONAL REGULATIONS:</u>	
Canadian DSL Inventory:	All of the ingredients are on the inventory or exempt from listing

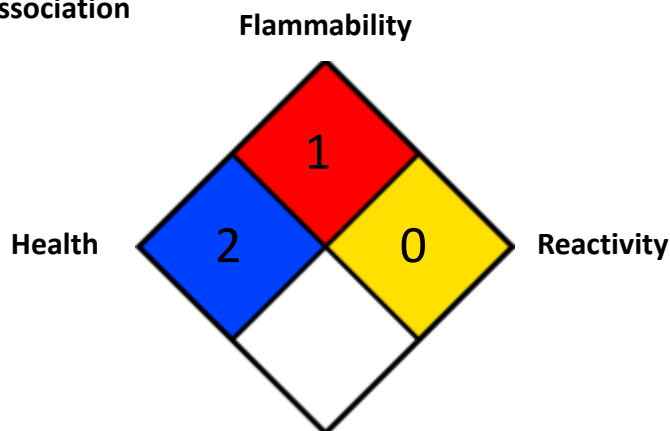
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Canadian NDLS Listing:	None of the ingredients are on the inventory
Australian AICS Listing:	Some of the ingredients are not on the inventory
Japanese ENCS Listing	Some of the ingredients are not on the inventory
EINECS Listing:	All of the ingredients are on the inventory or exempt from listing
<u>STATE REGULATIONS</u>	
California Prop. 65	<u>Components:</u> The product does not contain any Proposition 65 chemicals.

16. OTHER INFORMATION

HMIS	HEALTH	2
	FLAMMABILITY	1
	REACTIVITY	0
	PERSONAL PROTECTION	

National Fire Protection Association



To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier 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 exists.

Signed: Mark Alexander
Date: May 15, 2015
Revised: New