

Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name:	Oil Pro C-15	
Chemical Family:	Alkyl amine quaternary ammonium chloride	
Application:	Wetting agent, emulsifier, corrosion inhibitor	
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	This chemical considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)	
Globally Harmonized System of Classification and Labelling of Chemicals (GHS)	Acute toxicology, oral: Skin corrosion/irritation: Eye damage/irritation: Aquatic toxicity (acute):	Category 4 Category 2 Category 2A Category 3
Pictogram		
Signal word:	Warning	
Hazard statements:	H302: May be harmful if swallowed H315: Causes skin irritation H319: Causes serious eye irritation H402: Harmful to aquatic life	
Precautionary statements:	Prevention P264: Wash hands thoroughly after handling P270: Do not eat, drink or smoke when using this product P273: Avoid release to the environment P280: Wear protective gloves and eye protection.	

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	Response P301+ P330+P312: IF SWALLOWED: Rinse mouth. Call a POISON CENTER or doctor/physician if you feel unwell. P303+P352: IF ON SKIN: Wash with plenty of water P332+P313: If skin irritation occurs: Get medical advice/attention P362+P364: Take off contaminated clothing and wash it before reuse. P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+P313: If eye irritation persists: Get medical advice/attention.
	Storage P404: Store in a closed container 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%
Quaternary ammonium compounds, coco alkylbis(hydroxyethyl)methyl, ethoxylated, chlorides	61791-10-4	95 to 100%

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 if you feel unwell.
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:	Rinse eyes with water. Remove any contact lenses, and continue flushing eyes with running water for at least 15 minutes. Hold eyelids apart to ensure rinsing of the entire surface of the eyes and lids with water. Seek medical attention if irritation develops or persists
Ingestion:	Do not give anything by mouth to an unconscious or convulsing person. Rinse mouth with water. Prevent aspiration of vomit.
Medical Conditions:	Prolonged or repeated exposure is not known to aggravate medical conditions.
Notes to Physician:	All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Treat symptomatically.

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5. FIRE FIGHTING MEASURES

Flash Point Range (° F)	>93°C; >200°F
Flash Point Method:	Seta Closed Cup
Autoignition (° F)	Not determined
Products of Combustion:	CO _x , NO _x , halogenated compounds, hydrogen chloride
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:	Container may rupture on heating. Harmful or toxic vapors may be released
Special Protective Equipment for Fire Fighters:	Wear self-contained breathing apparatus for firefighting if necessary.
NFPA Ratings:	2-0-0
HMIS Ratings:	2-0-0

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	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	Absorb with an inert material and put the spilled material into the 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. Use good industrial hygiene and safety practices when handling the product. Use only in well ventilated areas. Do not take internally.
Storage conditions:	Keep container tightly closed. Keep away from heat, and sunlight. Storage temperature range: 5-30°C. If material freezes, gently thaw prior to use. Mild agitation may be required.

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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:	In operations where mists are generated, wear a NIOSH/MSHA approved respirator that has been selected by a technically qualified person for the specific work conditions.
Hand Protection:	Wear natural rubber gloves. Observe instructions regarding permeability and breakthrough time provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion and contact time.
Skin Protection:	Wear footwear protecting against chemicals, and impervious clothing. Choose body protection according to the amount and concentration of the substances in the workplace.
Eye Protection:	Wear safety glasses with side shields or goggles. Eye and face protection requirements will vary dependent upon work environment conditions and material handling practices. Appropriate ANSI Z87 approved equipment should be selected for the particular use intended for this material.
Hygiene measures:	Personal hygiene is an important work practice exposure control measure and the following general measures should be taken when working with or handling this material: 1) Do not store, use, and/or consume foods, beverages, tobacco products, or cosmetics in areas where this material is stored. 2) Wash hands and face carefully before eating, drinking, using tobacco, applying cosmetics, or using the toilet. 3) Wash exposed skin promptly to remove accidental splashes or contact with material

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Color:	Amber
Odor:	Mildly characteristic
pH:	5.0 – 9.0 (10%w/v aqueous solution)
Specific Gravity @ 20 ° C, g/ml	1.08
Density @ 20 ° C (lbs/gal):	9.00
Boiling Point:	Not determined
Melting Point, ° C / ° F	
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, Dynamic @ 20 ° C, cPs	
Viscosity, Dynamic @ 40 ° , cstks	

10. STABILITY AND REACTIVITY

Stability Data:	Stable under normal conditions
Hazardous Polymerization:	Will not occur under normal conditions
Conditions to Avoid:	Extreme temperatures especially freezing and frost conditions
Incompatibility (Materials to Avoid):	Strong oxidizing agents.
Hazardous Decomposition:	COx ,NOx, halogenated compounds, hydrogen chloride
Additional Guidelines:	

11. TOXICOLOGICAL INFORMATION

Principal Route of Exposure:	
Inhalation:	May cause mild respiratory irritation
Skin Contact:	Causes skin irritation
Eye Contact:	Causes serious eye irritation
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:	Not determined
Oral Toxicity:	<u>Component</u> Not determined
Dermal Toxicity:	<u>Component</u> Not determined
Inhalation Toxicity:	<u>Component</u> Not determined
Primary Irritation Effect:	Primary skin irritation: (Rabbit): Not determined Primary Eye irritation: (Rabbit): Not determined



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Carcinogenicity:	No components of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
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12. ECOLOGICAL INFORMATION

Mobility (Water/Soil/Air):	Not determined.
Biodegradation:	Readily biodegradable (OECD 301B)
Bioaccumulation:	Not determined.
Ecotoxicological Information	
Acute Fish Toxicity:	Fish: LC50 10-100mg/L, 96hrs
Acute Crustaceans Toxicity:	Crustacea: EC50 10-100mg /L, 48hrs
Acute Algae Toxicity:	Algae: ErC50 480 mg/L, 16hrs
Chemical Fate Information:	Not determined.
Other Information:	

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	Not regulated
IMDG	Not regulated
ICAO/IATA	Not regulated

15. REGULATORY INFORMATION

HCS Classification:	None
<u>US FEDERAL REGULATIONS</u>	
US TSCA Inventory Listing	All intentionally present components are listed on the TSCA inventory.

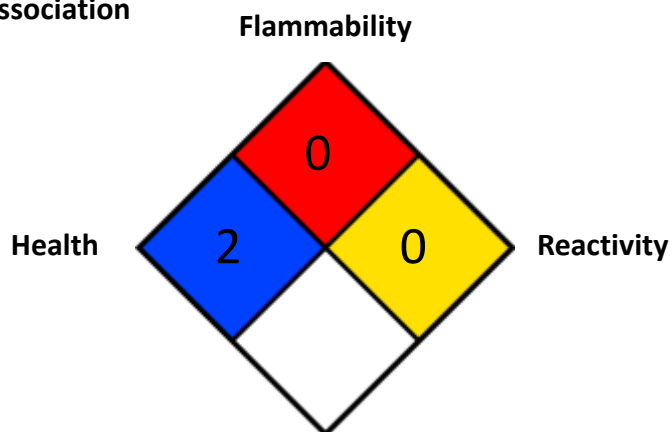
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EPA SARA Title III: Extremely Hazardous Substances:	Substance: NA CAS: TPA (pounds): EHS-RQ (pounds):
EPA SARA (311/312) Classification	Acute health hazard
EPA SARA (313) Chemicals:	Not listed <u>Component</u>
EPA CERCLA Hazardous Substances (40 CFR 302.4):	Not listed <u>Component</u>
EPA RCRA Hazardous Waste Classification:	NA
<u>INTERNATIONAL REGULATIONS:</u>	
European Union:	Xn: N: R22: R41: R50:
Canadian DSL Inventory:	
Canadian NDLS Listing:	
Australian AICS Listing:	
Japanese MITI Inventory Listing	
WHMIS Hazard Class:	
EINECS Listing:	
<u>STATE REGULATIONS</u>	
California Prop. 65	<u>Ingredients</u> <u>CAS-No.</u> This product does not contain and Proposition 65 chemicals

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16. OTHER INFORMATION		
HMIS	HEALTH	2
	FLAMMABILITY	0
	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 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: July 13, 2018
 Revised: New