

OilPro OCA-1

Safety Data Sheet

Date Prepared: 01/13/2023

Section 1 Identification

Product Identifier: OilPro OCA-1

Product Use: Used in various industrial applications.

Restricted Uses: Avoid use in food and food products.

Company Identification: ARC Products Inc
Address: 4010 La Reunion Parkway Suite 160
Dallas, Texas 75212

Phone: 214-638-2468 (for product information)

For chemical emergency, call Chemtrec day or night. Within North America, call 1-800-424-9300

Section 2 Hazard(s) Identification

GHS Signal Word: Warning

GHS Hazard Phrases: H319 - Causes serious eye irritation.

GHS Precautionary Phrases: P264 - Wash all affected body parts thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.

GHS Response Phrases: P305+351+338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337+313 - If eye irritation persists, get medical advice/attention. P302+352 - IF ON SKIN: Wash with plenty of soap and water. P332+313 - If skin irritation occurs, get medical advice/attention. P363 - Wash contaminated clothing before reuse.

GHS Storage and Disposal Phrases: P403+235 - Store in cool/well-ventilated place. P501 - Dispose of contents/container to a regulated waste disposal facility in accordance with all applicable local, state & federal regulations.

Potential Health Effects (Acute and Chronic): Hazards not otherwise classified (HNOC) or not covered by GHS -none

Label Pictograms:



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Section 3 Composition/Information on Ingredients

Contains Hazardous or Regulated Components

Chemical Name	RTECS #	Concentration	CAS Number
[Hexane-1,6-diylbis[nitrilobis(methylene)]]tetra kisp C10H28N2O12P4.xK hosphonic acid, potassium salt	SZ8560500	40 - 50%	38820-59-6

**Some items on this SDS may be designated as proprietary and/or trade secrets (TS). The exact % concentration of composition has been withheld as a trade secret in accordance with paragraph (i) of the OSHA HCS 1910.1200.*

Section 4 First-Aid Measures

Eyes: Flush eyes with plenty of running water for several minutes (at least 15 minutes), periodically lifting upper and lower eyelids. Remove any contact lenses if safe to do so. Seek medical attention immediately even if there are no symptoms.

Skin: In case of contact, immediately wash with plenty of soap and water for at least 15 minutes. Seek medical attention if irritation or redness occurs. Remove contaminated clothing and shoes. Clean contaminated clothing and shoes before reuse.

Ingestion: If the product is swallowed, rinse mouth with water and call doctor/poison center immediately. Never give anything by mouth to an unconscious person.

Inhalation: If respiratory irritation or distress occurs, remove individual to fresh air. Seek medical attention if respiratory irritation or distress continues. If breathing is difficult, give oxygen. If breathing has ceased, apply artificial respiration using oxygen and a suitable mechanical device such as a bag and a mask.

Emergency and First Aid Procedures: Move out of dangerous area. Show this safety data sheet to the doctor in attendance.

Section 5 Firefighting Measures

Flash Point: N/A

Explosive Limits: LEL: No data. UEL: No data.

Autoignition Pt: N/A

Suitable Extinguishing Media: Use extinguishing agent suitable for type of surrounding fire.

Fire Fighting Instructions: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Evacuate area and fight fire from a safe distance. Material can splatter above 100C/212F. Cool exposed containers with water to prevent over heating. Dry residue of the product may also burn.

Flammable Properties and Hazards: Non-Flammable

Hazardous Combustion Products: Decomposition products including oxides or carbon, nitrogen and phosphorous along with phosphine may be formed during a fire.

Section 6 **Accidental Release Measures**

Wear appropriate protective gear for the situation. See **Personal Protection** information in **Section 8**.

Protective Precautions, Protective Equipment and Emergency Procedures: Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.

Environmental Precautions: Do not let product enter drains.

Steps To Be Taken In Case Material Is Released Or Spilled: Contain spill or leak. Dike area if necessary to prevent spill from spreading or entering sewers and waterways. Absorb spill with inert material such as sand or diatomaceous earth. Place into properly labelled, closed container for disposal. Regulatory Requirements: Dispose of recovered material in accordance with all applicable local, state and federal regulations.

Section 7 **Handling and Storage**

Handling: Handle In Accordance With Good Industrial Hygiene And Safety Practice. Do Not Handle Until All Safety Precautions Have Been Read And Understood. Keep Away From Heat, Sparks, Flame And Other Sources Of Ignition. Take Precautionary Measures Against Static Discharges. Ensure Adequate Ventilation, Especially In Confined Areas. Use Personal Protection Recommended In Section 8. Do Not Breathe Vapors Or Dust. Avoid Contact With Skin, Eyes Or Clothing. Wash Contaminated Clothing Before Reuse. Do Not Eat, Drink Or Smoke When Using This Product. Wash All Affected Body Parts Thoroughly After Handling.

Storage: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in a cool, dry well-ventilated area. Keep containers closed when not in use. Keep product isolated from incompatible materials/conditions such as freezing temperatures. Empty containers retain vapor and material residue. Observe all recommended safety precautions until container is cleaned, reconditioned or destroyed.

Section 8 **Exposure Controls/Personal Protection**

Respiratory Equipment (Specify Type): Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi- purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eye Protection: Safety glasses with side-shields conforming to EN166.

Protective Gloves: Chemical resistant gloves. This recommendation is advisory only and must be evaluated by an industrial hygienist and safety officer familiar with the specific situation of anticipated use by our customers.

Other Protective Clothing: Impervious clothing.

Engineering Controls (Ventilation etc.): Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Work/Hygienic/Maintenance Practices: Handle in accordance with good industrial hygiene and safety practice.

Environmental Exposure Controls: Do not let product enter drains. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

Section 9 Physical and Chemical Properties

Information on Basic Physical and Chemical Properties

Physical state:	Liquid
Appearance:	Colorless to Yellow Liquid.
Property	Values (Method)
pH:	6.0 - 8.0 @ 1% Sol
Melting Point:	N/A
Boiling Point:	N/A
Flash Pt:	N/A
Evaporation Rate:	N/A
Flammability (solid, gas):	N/A
Explosive Limits:	LEL: No data. UEL: No data.
Vapor Pressure (vs. Air or mm Hg):	N/A
Vapor Density (vs. Air = 1):	N/A
Specific Gravity (Water = 1):	1.21 - 1.31 at 20.0 C
Solubility in Water:	N/A
Octanol/Water Partition:	N/A
Percent Volatile:	~ 50 % by weight.
Autoignition Pt:	N/A
Decomposition Temperature:	~ 200.00 C
Viscosity:	N/A
Molecular Formula & Weight:	C ₉ H ₂₈ N ₃ O ₁₅ P _{5.7} Na 734.132

Section 10 Stability and Reactivity

Reactivity: No Data

Stability: Stable

Conditions To Avoid - Instability: Avoid exposure to extreme temperatures, contact with incompatible chemicals, uncontrolled contact with accelerants. Avoid exposure to sparks and other sources of ignition.

Incompatibility - Materials To Avoid: Strong oxidizing agents.

Hazardous Decomposition or Byproducts: No data available. In the event of fire: see section 5.

Possibility of Hazardous Reactions: Will not occur

Conditions To Avoid - Hazardous Reactions: No Data

Section 11 Toxicological Information

Toxicological Information: N/A

Irritation or Corrosion: N/A

Symptoms related to Toxicological: N/A

Sensitization: N/A

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Chronic Toxicological Effects: IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH. NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP. OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Section 12 Ecological Information

General Ecological Information: N/A

Results of PBT and vPvB assessment: N/A

Persistence and Degradability: N/A

Bioaccumulative Potential: N/A

Mobility in Soil: N/A

Other adverse effects: N/A

Section 13 Disposal Considerations

Waste Disposal: Dispose of in accordance with local, state and federal regulations regulations. This material should be fully characterized for toxicity and possible reactivity prior to disposal (40 CFR 261). Use which results in chemical or physical change or contamination may subject it to regulation as a hazardous waste. Along with properly characterizing all waste materials, consult all applicable regulations regarding the proper disposal of this material. Container contents should be completely used and containers should be emptied prior to discard. Container rinsate could be considered a RCRA hazardous waste and must be disposed of with care and in full compliance with federal, state and local regulations. Larger empty containers, such as drums, should be returned to the distributor or to a drum reconditioner. To assure proper disposal of smaller empty containers, consult with state and local regulations and disposal authorities.

Section 14 Transport Information

DOT Proper Shipping Name: Non DOT Regulated

DOT Hazard Class:

UN/NA Number:

Packing Group: III

Section 15 Regulatory Information

EPA SARA (Superfund Amendments and Reauthorization Act of 1986) Lists

CAS #	Hazardous Components (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)
38820-59-6	[Hexane-1,6-diylbis[nitrilobis(methylene)]]tetrakisphosphonic acid, potassium salt	No	No	No

This material meets the EPA 'Hazard Categories' defined for SARA Title III Sections 311/312 as indicated:

☐ Yes ☒ No Explosive	☐ Yes ☒ No Acute toxicity (any route of exposure)
☐ Yes ☒ No Flammable (gases, aerosols, liquid, or solid)	☐ Yes ☒ No Skin Corrosion or Irritation
☐ Yes ☒ No Oxidizer (liquid, solid or gas)	☒ Yes ☐ No Serious eye damage or eye irritation
☐ Yes ☒ No Self-reactive	☐ Yes ☒ No Respiratory or Skin Sensitization
☐ Yes ☒ No Pyrophoric (liquid or solid)	☐ Yes ☒ No Germ cell mutagenicity
☐ Yes ☒ No Pyrophoric gas	☐ Yes ☒ No Carcinogenicity
☐ Yes ☒ No Self-heating	☐ Yes ☒ No Reproductive toxicity
☐ Yes ☒ No Organic peroxide	☐ Yes ☒ No Specific target organ toxicity (single or repeated exposure)
☐ Yes ☒ No Corrosive to metal	☐ Yes ☒ No Aspiration Hazard
☐ Yes ☒ No Gas under pressure (compressed gas)	☐ Yes ☒ No Simple Asphyxiant
☐ Yes ☒ No In contact with water emits flammable gas	☐ Yes ☒ No (Health) Hazard Not Otherwise Classified (HNOC)
☐ Yes ☒ No Combustible Dust	
☐ Yes ☒ No (Physical) Hazard Not Otherwise Classified (HNOC)	

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GHS format

CAS #	Hazardous Components (Chemical Name)	Other US EPA or State Lists
38820-59-6	[Hexane-1,6-diylbis[nitrilobis(methylene)]]tetrakisphosphonic acid, potassium salt	CAA HAP, ODC: No CWA NPDES: No TSCA: Yes - Inventory FIFRA: No FDA/DEA CSA: No CA PROP. 65: No CA TAC, Title 8: No MA Oil/HazMat: No MI CMR, Part 5: No NC TAP: No NJ EHS: No NY Part 597: No PA HSL: No SC TAP: No WI Air: No
CAS #	Hazardous Components (Chemical Name)	International Regulatory Lists
38820-59-6	[Hexane-1,6-diylbis[nitrilobis(methylene)]]tetrakisphosphonic acid, potassium salt	Canadian DSL: Yes Canadian NDSL: No

Section 16 Other Information

National Fire Protection Association (NFPA) Ratings:

Health: 1

Flammability: 1

Reactivity: 0

Hazardous Material Information System (HMIS):	Health	1
	Flammability	1
	Physical Hazard	0
	Personal Protection	C

NFPA/HMIS Definitions: 0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme

Protective Equipment: C (Safety glasses, gloves, chemical splash apron)



Disclaimer: Further information: This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product. Notice to readers: Employers should use this information only as a supplement to other information gathered by them, and should make independent judgment of suitability of this information to ensure proper use and protect the health and safety of employees. The information contained in this document (Safety data sheet) was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer/supplier, they are not held responsible for loss, injury, and expense arising out of the product's use. No warranty, expressed or inferred, regarding the product described in this document (Safety data sheet) shall be created or inferred by any statement in this document (Safety data sheet).

END OF SDS