

# Safety Data Sheet

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

|                           |                                                                             |                                  |
|---------------------------|-----------------------------------------------------------------------------|----------------------------------|
| <b>Product Name:</b>      | Oil Pro OFS-100                                                             |                                  |
| <b>Chemical Family:</b>   | Alkoxylated amine                                                           |                                  |
| <b>Application:</b>       | Demulsifier, emulsifier, wetting agent                                      |                                  |
| <b>Company Name:</b>      | ARC Products, INC                                                           |                                  |
| <b>Address:</b>           | 4010 La Reunion Parkway                                                     |                                  |
|                           | Suite 160                                                                   |                                  |
|                           | Dallas, TX 75212                                                            |                                  |
| <b>Company Telephone:</b> | SDS and Product Information (7:00am – 4:00pm CST)<br>Chemtrec North America | (214) 638-2468<br>(800) 424-9300 |

## 2. HAZARDS IDENTIFICATION

|                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Classification:</b>                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>OSHA Regulatory Status</b>                                                        | This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)                                                                                                                                                                                                                                                                                                                                                    |
| <b>Globally Harmonized System of Classification and Labelling of Chemicals (GHS)</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Pictogram</b>                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Signal word:</b>                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Hazard statement:</b>                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Precautionary statements:</b>                                                     | <p><b>Prevention</b><br/> P264: Wash skin thoroughly after handling<br/> P280: Wear protective gloves/eye protection/face protection</p> <p><b>Response</b><br/> P302+P352 IF ON SKIN: Wash with plenty of soap and water<br/> P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br/> P337 + P313: If eye irritation persists: Get medical advice/attention.</p> |
|                                                                                      | <p><b>Storage</b><br/> P404: Store in a closed container<br/> P420: Store away from strong oxidizing agents</p>                                                                                                                                                                                                                                                                                                                                                |
|                                                                                      | <p><b>Disposal</b><br/> P501: Dispose of contents/containers in accordance with local/regional/national/international regulations.</p>                                                                                                                                                                                                                                                                                                                         |



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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredient                                                                                                     | CAS No.    | Percent wt% |
|----------------------------------------------------------------------------------------------------------------|------------|-------------|
| 1,2-Ethanediamine, N-(2-aminoethyl)-N'-[2-[(2-aminoethyl)amino]ethyl]-, polymer with methyloxirane and oxirane | 68815-65-6 | >98%        |

## 4. FIRST AID MEASURES

|                            |                                                                                                                                  |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation:</b>         | IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.                                 |
| <b>Skin:</b>               | IF ON SKIN: Rinse skin with plenty of water.                                                                                     |
| <b>Eyes:</b>               | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. |
| <b>Ingestion:</b>          | IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.                                                                               |
| <b>Medical Conditions:</b> |                                                                                                                                  |
| <b>Notes to Physician:</b> | Treat symptomatically                                                                                                            |

## 5. FIRE FIGHTING MEASURES

|                                                        |                                                                        |
|--------------------------------------------------------|------------------------------------------------------------------------|
| <b>Flash Point Range ( ° F)</b>                        | >93°C; 200°F                                                           |
| <b>Flash Point Method:</b>                             | Open Cup                                                               |
| <b>Products of Combustion:</b>                         | CO <sub>x</sub> and NO <sub>x</sub>                                    |
| <b>Fire Extinguishing Media:</b>                       | Water spray, foam, dry chemical, carbon dioxide (CO <sub>2</sub> )     |
| <b>Unsuitable extinguishing media:</b>                 | Do not use a solid water stream as it may scatter and spread fire.     |
| <b>Special Protective Equipment for Fire Fighters:</b> | Wear self-contained breathing apparatus for firefighting if necessary. |
| <b>NFPA Ratings:</b>                                   | 1-1-0                                                                  |
| <b>HMIS Ratings:</b>                                   | 1-1-0                                                                  |

## 6. ACCIDENTAL RELEASE MEASURES

|                                         |                                                                                |
|-----------------------------------------|--------------------------------------------------------------------------------|
| <b>Personal Precautionary Measures:</b> | Wear appropriate protective equipment.                                         |
| <b>Environmental Precaution:</b>        | Do not flush concentrated product into surface water or sanitary sewer system. |

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|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Methods for Clean-up:</b> | Evacuate personnel to safe areas.                                                                                                                                                                                                                              |
| <b>Small Spill or Leak</b>   | 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. |
| <b>Large Spill or Leak</b>   | 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

|                                |                                                                                                   |
|--------------------------------|---------------------------------------------------------------------------------------------------|
| <b>Handling Precautions:</b>   | Avoid contact with eyes and skin. Wash any contaminated clothing. Wash thoroughly after handling. |
| <b>Incompatible materials:</b> | Strong oxidizers                                                                                  |
| <b>Storage Information:</b>    | Keep containers tightly closed in a dry, cool and well-ventilated place.                          |

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

|                                |                                                                                                                                                                                                    |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Engineering Controls:</b>   | 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. |
| <b>Respiratory Protection:</b> | Not applicable.                                                                                                                                                                                    |
| <b>Hand Protection:</b>        | Wear chemical resistant gloves.                                                                                                                                                                    |
| <b>Skin Protection:</b>        | Long sleeved clothing.                                                                                                                                                                             |
| <b>Eye Protection:</b>         | Wear safety glasses with side shields, goggles or face shield.                                                                                                                                     |
| <b>Exposure Limits:</b>        | This product does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.                                                      |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                        |                                |
|----------------------------------------|--------------------------------|
| <b>Physical State:</b>                 | Viscous liquid                 |
| <b>Color:</b>                          | Amber                          |
| <b>Odor:</b>                           | Mildly characteristic          |
| <b>pH:</b>                             | 9 – 10.5 (1% aqueous solution) |
| <b>Specific Gravity @ 20 ° C, g/ml</b> | 1.01                           |
| <b>Density @ 20 ° C (lbs/gal):</b>     | 8.41                           |
| <b>Boiling Point:</b>                  | Not determined                 |

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|                                             |                |
|---------------------------------------------|----------------|
| <b>Melting Point, ° C / ° F</b>             | Not determined |
| <b>Vapor Pressure @ 21 ° C (mm Hg)</b>      | Not determined |
| <b>Percent Volatiles:</b>                   | Not determined |
| <b>Evaporation Rate (Butyl Acetate = 1)</b> | Not determined |
| <b>Solubility in Water:</b>                 | Soluble        |
| <b>Solubility in Solvents:</b>              | Not determined |

## 10. STABILITY AND REACTIVITY

|                                              |                                             |
|----------------------------------------------|---------------------------------------------|
| <b>Stability Data:</b>                       | Stable under normal conditions              |
| <b>Hazardous Polymerization:</b>             | Will not occur under normal conditions      |
| <b>Conditions to Avoid:</b>                  | Extremes of temperature and direct sunlight |
| <b>Incompatibility (Materials to Avoid):</b> | Strong oxidizing agents.                    |
| <b>Hazardous Decomposition:</b>              | Will not occur under normal conditions.     |
| <b>Additional Guidelines:</b>                |                                             |

## 11. TOXICOLOGICAL INFORMATION

|                                     |                                                                                                                                              |
|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Principal Route of Exposure:</b> |                                                                                                                                              |
| <b>Inhalation:</b>                  | May cause irritation to respiratory tract                                                                                                    |
| <b>Skin Contact:</b>                | May cause slight irritation                                                                                                                  |
| <b>Eye Contact:</b>                 | May cause slight irritation                                                                                                                  |
| <b>Ingestion:</b>                   | May cause gastrointestinal irritation, nausea, vomiting and diarrhea                                                                         |
| <b>Toxicological Data:</b>          | No information available                                                                                                                     |
| <b>Toxicity to Animals:</b>         | No harmful effects are expected from short term exposure.                                                                                    |
| <b>Carcinogenicity:</b>             | 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. |

## 12. ECOLOGICAL INFORMATION

|                                                    |                 |
|----------------------------------------------------|-----------------|
| <b>Mobility (Water/Soil/Air):</b>                  | Not Determined. |
| <b>Toxicity of the Products of Biodegradation:</b> | Not determined  |

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|                                     |                 |
|-------------------------------------|-----------------|
| <b>Bioaccumulation:</b>             | Not Determined. |
| <b>Ecotoxicological Information</b> | Not Determined. |
| <b>Acute Fish Toxicity:</b>         | Not determined. |
| <b>Acute Crustaceans Toxicity:</b>  | Not Determined. |
| <b>Acute Algae Toxicity:</b>        | Not Determined. |
| <b>Chemical Fate Information:</b>   | Not Determined. |

## 13. DISPOSAL CONSIDERATIONS

|                          |                                                                                                                                                                                                                                                |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Disposal Method:</b>  | Keep away from natural water sources. Observe all applicable federal, state, and local regulations.                                                                                                                                            |
| <b>Empty containers:</b> | 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

|                  |               |
|------------------|---------------|
| <b>DOT</b>       | Not regulated |
| <b>IMDG</b>      | Not regulated |
| <b>ICAO/IATA</b> | Not regulated |

## 15. REGULATORY INFORMATION

|                                                            |                                                                                        |
|------------------------------------------------------------|----------------------------------------------------------------------------------------|
| <b>HCS Classification:</b>                                 | None                                                                                   |
| <b><u>US FEDERAL REGULATIONS</u></b>                       |                                                                                        |
| <b>US TSCA Inventory Listing</b>                           | All intentionally present components are listed on the TSCA inventory.                 |
| <b>EPA SARA Title III: Extremely Hazardous Substances:</b> | <b>Substance:</b> NA<br><b>CAS:</b><br><b>TPA (pounds):</b><br><b>EHS-RQ (pounds):</b> |
| <b>EPA SARA (302) Chemicals:</b>                           | None                                                                                   |
| <b>EPA SARA (311/312) Classification</b>                   | None                                                                                   |



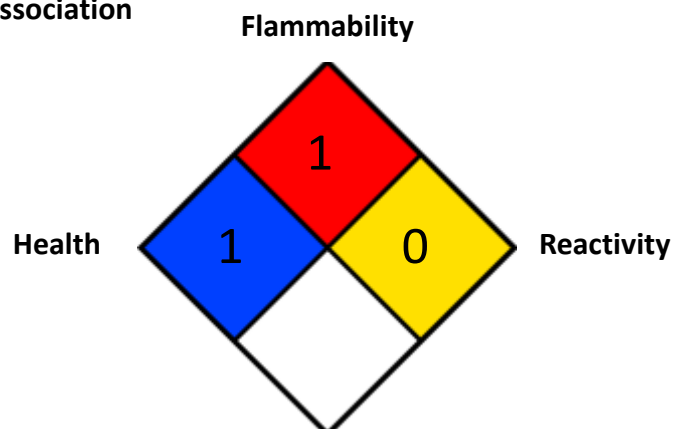
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|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>EPA SARA (313) Chemicals:</b>                     | Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372                                                                                                                                          |
| <b>EPA CERCLA Hazardous Substances (40 CFR 302):</b> | This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material |
| <b>EPA RCRA Hazardous Waste Classification:</b>      | NA                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>INTERNATIONAL REGULATIONS:</b>                    |                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>European Union:</b>                               | Xn:<br>N:<br>R22:<br>R41:<br>R50:                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Canadian DSL Inventory:</b>                       | Listed                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>STATE REGULATIONS</b>                             |                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>California Prop. 65</b>                           | This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects.                                                                                                                                                                                                                                                                |
| <b>Pennsylvania RTK</b>                              | None                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Massachusetts RTK</b>                             | None                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>New Jersey</b>                                    | None                                                                                                                                                                                                                                                                                                                                                                                                   |

| 16. OTHER INFORMATION |                     |   |
|-----------------------|---------------------|---|
| HMIS                  | HEALTH              | 1 |
|                       | FLAMMABILITY        | 1 |
|                       | REACTIVITY          | 0 |
|                       | PERSONAL PROTECTION |   |

# Safety Data Sheet

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

Revised: 09/28/2023