



Safety Data Sheet

RL 2100 Revised 5/01/22

- **Section 1 Chemical Product and Company Information**

SUPPLIER'S NAME	NOCO ENERGY CORP
SUPPLIER'S ADDRESS	700 Grand Island Blvd., Tonawanda, NY 14150
SUPPLIER NUMBER	1-800-500-6626
SUPPLIER IDENTIFIER	RL 2100
EMERGENCY PHONE NUMBER	1-800-424-9300 Chemtrec
SYNONYM	Recycled Fuel Oil (RFO), On Specification Used Oil Fuel
PRODUCT USE	Fuel Oil

Section 2 Hazards Identification

GHS Classification:

Flammable Liquids – Category 4
Acute Toxicity, Inhalation – Category 2
Skin Corrosion/Irritation – Category 2
Eye Damage/Irritation – Category 2
Sensitization – Skin – Category 1
Carcinogenicity – Category 1B
Specific Target Organ Toxicity (Single Exposure) – Category 3 (respiratory irritation,
Central Nervous System)

GHS Label Elements:

Symbols:



Signal Words: Danger

Hazard Statement: **Physical Hazards**
H 226 – Flammable Liquid and Vapor

Health Hazards

H304: May be fatal if swallowed or enters airways
H315: Causes skin irritation
H320: Causes eye irritation
H332: Harmful if inhaled
H335: May cause respiratory irritation
H336: May cause drowsiness or dizziness
H350: May cause cancer
H373: May cause damage to organs or organ systems through prolonged or repeated exposures



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Environmental Hazards

H410: Very toxic to aquatic life with long lasting effects

GHS Precautionary Statements

Prevention:

- P101: If medical advice is needed, have product container or label at hand.
- P102: Keep out of reach of children.
- P202: Do not handle until all safety precautions have been read and understood.
- P210: Keep away from heat/sparks/open flames/hot surfaces. -- No smoking.
- P233: Keep container tightly closed.
- P240: Ground / bond container and receiving equipment.
- P261: Avoid breathing mist / vapors.
- P264: Wash skin thoroughly after handling.
- P270: Do not eat, drink or smoke when using this product.
- P271: Use only outdoors or in a well-ventilated area.
- P273: Avoid release to the environment.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P301 + P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician
- P302 + P352: IF ON SKIN: Wash with plenty of soap and water.
- P303 + P361 + P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower
- P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable
- P308 + P313: IF exposed or concerned: Get medical advice/ attention.
- P332 + P313: If skin irritation occurs: Get medical advice/ attention.
- P362 + P364: Take off contaminated clothing and wash it before reuse.
- P391: Collect spillage.
- P403 + P233: Store in a well-ventilated place. Keep container tightly closed.
- P501: Dispose of contents and container in accordance with local regulations.

Hazards Ratings:

Key: 0 = least, 1 = slight, 2 = moderate, 3 = high, 4 = extreme

	<u>Health</u>	<u>Fire</u>	<u>Reactivity</u>	<u>PPI</u>
NFPA	1	2	0	
HMIS	1	2	0	X

POTENTIAL HEALTH EFFECTS

INHALATION: Excessive exposure may result in heartbeat irregularities and central nervous system effects including headache, sleepiness, dizziness, nausea, loss of coordination and in extreme conditions, coma and possibly death. Excessive inhalation of this material when heated may cause damage to blood systems, and over time may cause kidney and liver damage and blood disorders. Small amounts of this product, if aspirated into the lungs, may cause mild to severe pulmonary injury.

SKIN: Prolonged and/or repeated skin contact with this product may cause irritation/dermatitis and possible chemical blistering. Hot product may cause severe burns. Product contains components that may be absorbed through the skin. Prolonged contact with this product may cause allergic skin reactions.

EYES: This product is irritating to the eyes. Contact with hot liquids or mist can cause severe eye irritation and damage.



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INGESTION: Product may be harmful or fatal if swallowed. Threat of ingestion comes from the danger of aspiration (breathing) of liquid drops into the lungs, particularly from vomiting. Aspiration may result in chemical pneumonia (fluid in the lungs), severe lung damage, respiratory failure, and death may occur.

Section 3 Composition/Information on Ingredients

Component	CAS No.	Amount (Vol %)
Used Motor and Lubricating Oil	not available	95 – 100
Diesel Fuel	68476-34-8	0 – 5
Water	7732-18-5	0 – 5

NOTE: This material is a complex mixture of paraffinic, naphthenic & aromatic petroleum hydrocarbons.

Section 4 First Aid Measures

SPECIFIC FIRST AID PROCEDURES

SKIN CONTACT-Wash with soap and water for 20 minutes. Get medical attention if irritation develops or persists. Wash clothing before reuse.

INGESTION-If swallowed, **do NOT induce vomiting**. Call a doctor or poison control center immediately. Do not give liquids! Never give anything by mouth to an unconscious person. Get medical attention immediately.

INHALATION-Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and continue to monitor. Get immediate medical attention.

EYE CONTACT-Flush eye with large amounts of water for 15 minutes. Get medical attention.

Section 5 Fire Fighting Measures

- **EXTINGUISHING MEDIA**

The following media may be used to extinguish a fire involving this material: Water spray; Regular foam; Dry chemical; Carbon dioxide;

- **FIRE FIGHTING INSTRUCTIONS**

Use water spray to cool fire exposed tanks and containers. Wear firefighting gear. As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

FLAMMABLE PROPERTIES

Flash Point, Pensky-Martens CC	Typical: > 200 degrees F	ASTM D93
Auto ignition Temperature	Typical: No Data	
Lower Explosion Limit	Typical: No Data	
Upper Explosion Limit	Typical: No Data	

Section 6 Accidental Release Measures

ACTIVATE FACILITY SPILL CONTINGENCY or EMERGENCY PLAN

Prevent ignition, stop leak, and ventilate the area. Contain spilled liquid with sand or earth. Do not use combustible materials such as sawdust. Use appropriate personal protective equipment as stated in



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Section 8 of this SDS. Advise the appropriate State and Federal agencies, if required. Absorb spill with inert material (e.g., dry sand or earth), then place in an appropriate container. Sweep up material and place in a disposal container.

Section 7 Handling and Storage

- **HANDLING**
Use only in a well-ventilated area. Ground and bond containers when transferring material. Avoid breathing (dust, vapor, mist, gas). Avoid prolonged or repeated contact with skin. Avoid contact with eyes. Wash thoroughly after handling. Never siphon by mouth.
- **STORAGE**
Keep away from heat, sparks, and flame. Keep container closed when not in use. Consult NFPA and / or OSHA codes for additional information.

Section 8 Exposure Controls and Personal Protection

Consult With a Health and Safety Professional for Specific Selections

- **ENGINEERING CONTROLS**
Use with adequate ventilation. Local exhaust ventilation may be necessary to control any air contaminants to within their acceptable limits.
- **PERSONAL PROTECTION**
 - **EYE PROTECTION**
Safety Glasses, Chemical Goggles, or Full Face Shield may be used to protect eyes or face from exposure. Do not wear contact lenses.
 - **GLOVES or HAND PROTECTION**
The glove(s) listed below may provide protection against permeation. Gloves of other chemically resistant materials may not provide adequate protection. Protective gloves are recommended to protect against contact with product. Neoprene, Nitrile, Polyvinyl chloride or Viton. Natural rubber is not recommended.
 - **RESPIRATORY PROTECTION**
Ventilation may be used to reduce airborne concentrations. If ventilation cannot reduce airborne concentrations below acceptable limits, appropriate respiratory protection should be used. Use NIOSH certified respiratory equipment or SCBA when limits are exceeded. Consult a qualified Industrial Hygienist or Safety Professional for respirator selection guidance.
 - **OTHER**
Where splashing is possible, full chemically resistant protective clothing and boots are required. The following materials are acceptable for use as protective clothing: Polyvinyl alcohol (PVA); Polyethylene; Neoprene; Nitrile; Viton; Polyurethane; Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Remove contaminated clothing and wash before reuse.

Section 9 Physical /Chemical Properties

APPEARANCE.....	Black liquid with a petroleum odor
BOILING POINT.....	not available
EVAPORATION RATE.....	Less than 1 (butyl acetate = 1)
ODOR AND APPEARANCE.....	strong odor
pH.....	not applicable
SOLUBILITY (H2O)	slight
SPECIFIC GRAVITY.....	0.86 – 0.89 @ 60°F



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VAPOUR PRESSURE..... not available
VAPOUR DENSITY (air=1)..... > 1.0
VISCOSITY..... 200 – 300 seconds, SU @ 100°F

Section 10 Stability and Reactivity Data

CHEMICAL STABILITY..... Stable
INCOMPATIBLE MATERIALS..... May react with strong acids, alkalies or oxidizing agents.
CONDITIONS TO AVOID..... Avoid heat, sparks, and open flame
CONDITIONS OF REACTIVITY..... Stable under normal conditions.
HAZARDOUS DECOMPOSITION PRODUCTS..... Combustion may produce CO, CO² and reactive hydrocarbons,
HAZARDOUS POLYMERIZATION..... Not likely to occur

Section 11 Toxicological Information

Toxicity Data and Information

Inhalation

May cause respiratory tract irritation, dizziness, drowsiness, asthma and allergic reactions.

Ingestion

Harmful if swallowed; may be fatal if swallowed and enters airways

Skin Contact

May cause skin irritation and allergic skin reactions.

Eye Contact

Cause eye irritation

Immediate Effects

Harmful if swallowed. Causes skin and eye irritation. Causes damage to kidneys, central nervous system and lungs.

Delayed Effects

Prolonged or repeated eye contact may cause inflammation of the membrane lining the eyelids and covering the eye (conjunctivitis). Prolonged or repeated skin contact may cause drying, cracking, redness, itching, and/or swelling (dermatitis)

Irritation/Corrosivity

Causes skin and eye irritation. May cause respiratory tract irritation.

Section 12 Ecological Information

This material may be harmful to human, animal, and aquatic life if spilled on soil or in water. Keep out of sewers, drainage areas, and waterways. Report spills and releases under Federal and State regulations.

Section 13 Disposal Considerations

Follow federal, state, and local regulations for disposal. Do not flush material to drain or storm sewer.



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Section 14 Transportation Information

PROPER SHIPPING NAME..... Fuel Oil
HAZARD CLASS and PACKING GROUP..... Combustible Liquid, PG III
DOT IDENTIFICATION NUMBER..... NA 1993

Section 15 Regulatory Information

US FEDERAL, STATE, and LOCAL REGULATORY INFORMATION

This product and its constituents listed herein are on the EPA TSCA Inventory. Any spill or uncontrolled release of this product, including any substantial threat of release, may be subject to federal, state and or local reporting requirements. This product and/or its constituents may also be subject to other federal, state, or local regulations. Consult the regulations applicable to your facility/operation.

CLEAN WATER ACT (OIL SPILLS)

Any spill or release of this product to navigable waters or adjoining shorelines sufficient to cause any visible sheen or deposit of a sludge or emulsion must be reported immediately to the National Resource Center (1-800-424-8802) or, if not practical, the U.S.

Coast Guard with follow-up to the National Response Center as required by U.S. Federal Law. Also contact appropriate state and local regulatory agencies as required.

CERCLA SECTION 103 and SARA SECTION 304 (RELEASE TO THE ENVIRONMENT)

This product contains no SARA 313 reportable chemicals.

SARA SECTION 311/312 – HAZARD CLASSES

<u>ACUTE HEALTH</u>	<u>CHRONIC HEALTH</u>	<u>FIRE</u>	<u>RELEASE OF PRESSURE</u>	<u>REACTIVE</u>
NO	YES	YES	NO	NO

Section 16 Other Information

Avoid contact with skin. If contact is unavoidable, wear oil-impervious protective gear. In case of skin contact, promptly wash with soap and water. Clothing soaked with this oil should be removed and washed before reuse. Oil-soaked shoes should be destroyed. Follow all SDS/label precautions even after container is emptied because it may retain product residue. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. Empty drums should be completely drained, properly bunged, and promptly returned to a drum reconditioner or properly disposed of.

DATE UPDATED..... 05/12/16

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