SAFETY DATA SHEET

Issue Date: January 9, 2025 **Revision Date: N/A** **Version: 2025**

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: Farrell Supreme Release

Other Means of Identification
SDS #: F6004

Recommended Use: Concrete Form Release Agent
Restrictions on Use: No Data

Supplier of the Safety Data Sheet including Address:
Farrell Equipment & Supply
1510 N. Hastings Way
Eau Claire, WI 54703

Telephone Numbers
Company Phone Number Phone: 715-835-4334

Emergency Telephone: ChemTrec 800-424-9300

2. HAZARDS IDENTIFICATION

Emergency Overview

OSHA Hazards:
May be harmful if swallowed and enters airways, may be Harmful if inhaled, may cause respiratory irritation, and may cause skin & eye Irritation

Target Organs: Respiratory System

GHS Classification:
Acute toxicity, Oral – Category 5
Acute toxicity, Inhalation – Category 5
Flammable Liquids – Category 4
Specific target organ toxicity – single exposure – Category 3, Respiratory System

Label Elements, including precautionary statements

Pictograms: 

Signal Word: WARNING

Hazard Statements:

H227	**Combustible Liquid**
H305	**May be Harmful if swallowed and enters airways**
H333	**May be Harmful if inhaled.**
H335	**May cause respiratory irritation.**

Precautionary Statement(s)

Prevention:

P210	**Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.**
P261	**Avoid breathing fume/mist/vapours/spray.**
P271	**Use only outdoors or in a well-ventilated area.**
P280	**Wear protective gloves/protective clothing/eye protection/face protection.**

Response:

P301+P310+P331	**IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting.**
P304+P340+P312	**IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.**
P370+P378	**In case of fire: Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.**

Storage:

P403+P233	**Store in a well-ventilated place. Keep container tightly closed.**
P405	**Store locked up.**

Disposal:

P501	**Dispose of contents/container in accordance with local/regional/national regulations.**

Hazards Not Otherwise Classified: May cause skin and eye irritation.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component

Hydrocarbon Oil Mixture CAS#: 8042-47-5, 64742-46-7, 64742-53-6		87-89%
(Mineral Oil, Mineral Seal Oil, Distillates (petroleum), Hydro-treated Light Naphthenic)		
Petroleum Hydrocarbon Distillates	CAS#: 8052-41-3	9-11%
Tall Oil Fatty Acid	CAS#: 61790-12-3	<2.0%
Benzaldehyde	CAS#: 100-52-7	<1%

Ingredients not listed on this safety data sheet are considered to be non-hazardous according to OSHA 1910.1200 or are not present above their cutoff levels. Where a range is displayed, the exact percentage of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First Aid Measures

General Advice: Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

Inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell. If not breathing, give artificial respiration. Consult a physician.

Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Ingestion: IF SWALLOWED: Immediately call a POISON CENTER/doctor. Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water.

Skin Contact: Wash off with soap and plenty of water. If skin irritation occurs, get medical advice or attention.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media
Water spray, alcohol-resistant foam, dry chemical, or carbon dioxide

Specific Hazards Arising from the Chemical
In a fire or if heated a pressure increase will occur and the container may burst.

Hazardous Combustion Products
Carbon dioxides & Carbon monoxide

Protective Equipment and Precautions for Firefighters
Wear self-contained breathing apparatus and full protective gear for firefighting.

Further Information
See Section 7 for safe handling and storage.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures
In case of spill, evacuate the area and remove all ignition sources. Do not expose to heat, flames, or ignition sources. Material is slippery. Do not walk through spilled material. Wear appropriate personal protective equipment during any cleanup and response activities.

Environmental Precautions
Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and Material for Containment and Cleaning Up
Dike and contain spill with inert absorbent materials. Soak up with inert material and keep in suitable, closed containers for disposal. Dispose of in accordance with specified local/regional/national/international regulations for disposal.

7. HANDLING AND STORAGE

Precautions for Safe Handling
Avoid contact with skin and eyes. Avoid inhalation of vapour or mist.

Conditions for Safe Storage, Including any Incompatibilities
General information: Store in cool place. Keep container tightly closed in a dry and well ventilated place. Keep away from heat (<95 degrees F/<35 degrees C) and direct sunlight. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Safe Storage: Store and use away from heat, sparks, open flame or any other ignition source.

Incompatibilities: None Known

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Component Exposure Limits

Mineral Oil; Mineral Seal Oil; Distillates (petroleum), Hydro-treated Light Naphthenic: Oil Mist
- ACGIH TLV: TWA 5 mg/m3, STEL: 10 mg/m3
- OSHA PEL: TWA 5 mg/m3
- NIOSH REL: TWA 5 mg/m3, STEL: 10 mg/m3

Petroleum Hydrocarbon Distillates, CAS# 8052-41-3:
- ACGIH TLV TWA: 100 ppm 8 hours
- OSHA PEL: TWA 500 ppm
- NIOSH REL: TWA 350 mg/m3, NIOSH Ceiling: 1800 mg/m3

Components of Petroleum Hydrocarbon Distillates, CAS# 8052-41-3:
- Ethyl Benzene, CAS# 100-41-4: ACGIH TLV: TWA 20 ppm
- N-Nonane, CAS# 111-84-2: ACGIH TLV: TWA 200 ppm
- Trimethyl Benzene (all isomers), CAS# 25551-13-7: ACGIH TLV: TWA 25 ppm
- Cumene, CAS# 98-82-8: ACGIH TWA 50 ppm 8 hr.

Appropriate Engineering Controls

Local Ventilation: Recommended
General Ventilation: Recommended

Individual Protection Measures, such as Personal Protective Equipment

Eye/Face Protection: Use proper protection – Safety Glasses as a minimum

Skin and Body Protection: Wash at mealtime and end of shift. Skin contact must be avoided by using impervious protective clothing (gloves, aprons, boots, etc.). Use chemical protective gloves as a minimum and wash skin promptly upon any skin contact.

Respiratory Protection: Use respiratory protection unless adequate local exhaust ventilation is provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice. Wash hands before & after breaks and work day.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Physical State

Appearance: Liquid
Odor: Mild Petroleum Solvent
Color: Colorless to Light Yellow
Odor threshold: No Data

Property	Value	Remarks – Method
Vapor Pressure	Not Available	
Vapor Density	Not Available	
Relative Density	Not Available	
pH:	Not Relevant	
Melting/Freezing Point	Not Relevant	
Solubility	Not Available	
Evaporation Rate	Not Available	
Flash Point	168 Degrees F (75 Degrees C)	PMCC (D93)
Flammability Limits	Not Available	
Flammability (Solid, gas)	Not Relevant	
Auto Ignition Temperature	Not Available	
Initial Boiling Point/Boiling Range	Not Available	

Decomposition Temperature	Not Available	
Viscosity	Not Available	
Specific Gravity	0.87	Density: 7.28 lb./gal. +/- 0.1

10. STABILITY AND REACTIVITY

Chemical Stability: This product is chemically stable under recommended storage conditions.

Possibility of Hazardous Reactions: None Known

Conditions to Avoid: Store away from heat.

Incompatible Materials: Strong acids and oxidizing agents

Hazardous Decomposition Products: Carbon dioxides, Carbon monoxide

11. TOXICOLOGICAL INFORMATION

Likely Routes of Exposure: Inhalation, Skin Contact, Eye Contact, Ingestion

Symptoms of Exposure:
Product may cause chemical pneumonitis (aspiration of liquid) if swallowed and enters airways. Product may cause dizziness if inhaled. Product may cause respiratory irritation. Product may cause skin & eye Irritation.

Numerical measures of toxicity:

Inhalation LC50 (Inhalation of Dusts & Mists) Rat	5.7 mg/l 4 hr.
Inhalation LC50 Rat	21 mg/l 1 hr.
Oral LD50 Rat	>5000 mg/kg
Dermal LD50 Rabbit	>2000 mg/kg

Delayed and Immediate Effects as well as Chronic Effects from Short and Long-Term Exposure
Carcinogenicity: IARC, ACGIH, NTP, OSHA
Product contains Ethyl Benzene which is classified by IARC as “possibly carcinogenic to humans” (Group 2B).
Product contains Cumene which is classified by IARC as “possibly carcinogenic to humans” (Group 2B).

Specific target organ toxicity: Single exposure – Category 3, Respiratory System, May cause respiratory irritation.

Respiratory Irritation: If material is misted or sprayed, inhalation of mist may cause irritation of mucous membranes and the upper respiratory tract. Aspiration may lead to lipid pneumonia.

12. ECOLOGICAL INFORMATION

Eco toxicity: This product contains components that are potentially toxic to freshwater and saltwater ecosystems. This product will normally float on water. It may be harmful to aquatic organisms and may cause long term adverse effects in the aquatic environment.

Persistence and Degradability: Not Determined.

Bioaccumulation: Not Determined.

Mobility: Not Determined.

Other Adverse Effects: Not Determined.

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes: This product is a hazardous waste under RCRA. Dispose of in conformance with all federal, state and local regulations.

Contaminated Packaging: Dispose of as unused material.

14. TRANSPORT INFORMATION

D.O.T.: U.S. DOT Bulk (Over 119 gallons), NA1993, Combustible Liquid N.O.S. (Mineral Spirits), Combustible Liquid, III.
U.S. DOT Non-Bulk (≤119 gallons), Not regulated

I.A.T.A.: Non-Bulk (≤119 gallons), Not a Dangerous Good

I.M.D.G.: Non-Bulk (≤119 gallons), Not a Dangerous Good
Marine Pollutant: Not listed in Appendix B to 49 CFR 172.101

15. REGULATORY INFORMATION

International Inventories
TSCA: All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

US Federal Regulations
SARA 302 (Extremely Hazardous Substances): None Known
SARA 311/312 Hazard Categories: Acute Health Hazard, Chronic Health Hazard, Fire Hazard
SARA Section 313: This product contains the following components in concentrations greater than 0.1% for carcinogenic substances and/or 1.0% of the substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR 372: **None Known**

CWA (Clean Water Act): This product contains hydrocarbon oils and may be subject to regulation by Section 311 of the Clean Water Act and the Oil Pollution Act. Releases of the product into or leading to surface waters must be reported to the National Response Center at 1-800-424-8802.

Supplemental State Compliance Information
California:
This product contains chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm. <0.1% Ethyl Benzene, CAS# 100-41-4; <0.1% Cumene, CAS# 98-82-8

New Jersey Right To Know:

CAS Number	Component Name
8042-47-5	Mineral Oil
64742-53-6	Hydro-Treated Light Naphthenic Oil
8052-41-3	Petroleum Hydrocarbon Distillates
124-18-5	N-Decane
111-84-2	N-Nonane
95-63-6	1,2,4-Trimethylbenzene
100-41-4	Ethyl Benzene
98-82-8	Cumene

Massachusetts Right To Know:

CAS Number	Component Name
8042-47-5	Mineral Oil
64742-53-6	Hydro-Treated Light Naphthenic Oil

Pennsylvania Right To Know:

CAS Number	Component Name
8042-47-5	Mineral Oil
8052-41-3	Petroleum Hydrocarbon Distillates
124-18-5	N-Decane
111-84-2	N-Nonane
95-63-6	1,2,4-Trimethylbenzene
100-41-4	Ethyl Benzene
98-82-8	Cumene

U.S. EPA Label Information: No Data

16. OTHER INFORMATION

HMIS Classification:

Health hazard:	**1***
Flammability:	**2**
Physical Hazards:	**0**

NFPA Rating:

Health hazard:	**1**
Fire:	**2**
Reactivity Hazard:	**0**

Issuance Date: January 9, 2025
Revision Date: Not Applicable
Revision Note: Not Applicable
Date of Previous Version: Not Applicable

Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet