

Safety Data sheet

I. PRODUCT AND COMPANY IDENTIFICATION

Product Name: AGCO SYN FD-1 SAE 50W 4/1GL
Product Code: AG07504P
Supplier: AGCO Corporation
 4205 River Green Parkway
 Duluth, GA 30096
Phone Number: +1(770) 813-9200
Emergency Phone: CHEMTREC: (800) 424-9300
 International: +011(703) 527-3887
Date of Preparation: 2013-04-04 13:23:20

II. HAZARDS IDENTIFICATION

Acute Health Effects:

Routes of Entry: Skin contact, Ingestion, Inhalation
Target Organs: Skin, Respiratory Tract
Inhalation: Breathing oil mist in concentrations that exceed the TLV and PEL may result in respiratory discomfort and irritation.
Skin Contact: No hazard in normal industrial use.
Skin Absorption: No absorption hazard in normal industrial use.
Eye Contact: No hazard in normal industrial use.
Ingestion: No hazard in normal industrial use.

Chronic Health Effects:

Carcinogenicity: Not a carcinogen according to NTP, IARC, or OSHA.
Reproductive Toxicity: No data available to indicate product or any components present at greater than 0.1% may cause birth defects.
Mutagenicity: No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic.
Potential Health Effects: See Section 11 for more information.
Medical Conditions Aggravated by Exposure: Personnel with pre-existing skin disorders should avoid contact with this product.

III. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	Range %
Petroleum distillates, hydrotreated heavy paraffinic	64742-54-7	40 - 70
Petroleum distillates, solvent dewaxed heavy paraffinic	64742-65-0	10 - 30

Components not listed are not physical or health hazards as defined in 29 CFR 1910.1200 (Hazard Communication Standard).

IV. FIRST-AID MEASURES

Inhalation: Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen. If not breathing, give artificial respiration and have a trained individual administer oxygen and get medical attention immediately.
Eye Contact: Use eye wash to remove a chemical from the eye. Flush the affected eye for at least

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	fifteen minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical attention if irritation persists.
Skin Contact:	Wash with soap and water.
Ingestion:	No hazard in normal industrial use. Do not induce vomiting. Seek medical attention if symptoms develop. Provide medical care provider with this MSDS.
Notes to Doctor:	No additional first aid information available.

V. FIRE FIGHTING MEASURES

Flammability:	Combustible at elevated temperatures
Extinguishing Media:	Use alcohol resistant foam, carbon dioxide, or dry chemical when fighting fires. Water or foam may cause frothing if liquid is burning but it still may be a useful extinguishing agent if carefully applied to the surface of the fire. Do not direct a stream of water into the hot burning liquid.
Fire and/or Explosion Hazards:	Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire.
Fire Fighting Methods and Protection:	Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Use methods for the surrounding fire.
Combustion Products:	Carbon dioxide, Carbon monoxide
Flash Point:	204°C, (399°F)
Flash Point Method:	COC
Autoignition	No data.
Temperature (°C):	
Upper Flammability Limit:	Unknown
Lower Flammability Limit:	Unknown

VI. ACCIDENTAL RELEASE MEASURES

Personal Precautions and Equipment:	No adverse health affects expected from the clean up of spilled material. Follow personal protective equipment recommendations found in Section 8 of this MSDS.
Methods for Cleanup:	Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section 8 at a minimum. Dike with suitable absorbent material like granulated clay. Dispose of in regular trash as product is not considered a hazardous waste. Used fluid should be disposed of at a recycling center. Do not flush to sewer.

VII. HANDLING AND STORAGE

Handling:	No special handling instructions due to toxicity.
Storage:	Store in a cool dry ventilated location. Isolate from incompatible materials and conditions. Keep container(s) closed. Do not expose to extreme temperatures or flames.

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VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	No exposure limits exist for the constituents of this product. No engineering controls are likely to be required to maintain operator comfort under normal conditions of use.
Respiratory Protection:	No respiratory protection required under normal conditions of use.
Respirator Type(s):	None required where adequate ventilation is provided. If airborne concentrations are above the applicable exposure limits, use NIOSH/MSHA approved respiratory protection.
Eye/Face Protection:	No special requirements under normal industrial use.
Skin Protection:	Not normally considered a skin hazard. Where use can result in skin contact, practice good personal hygiene. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.
Gloves:	Neoprene, Nitrile

Exposure Guidelines:

Ingredients	ACGIH TLV	OSHA PEL
Petroleum distillates, hydrotreated heavy paraffinic	No TLV	No PEL
Petroleum distillates, solvent dewaxed heavy paraffinic	No TLV	No PEL

IX. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Colour:	Amber
Odour:	Mild
Viscosity:	17.20 cSt @ 100°C
Solubility:	Negligible; 0-1%
Evaporation Rate:	No data.
Vapor Pressure:	No data.
Boiling Point (°C):	No data.
Specific Gravity:	0.84
Bulk Density:	7.03 Lbs/Gallon

X. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions.
Conditions to Avoid:	Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition.
Materials to Avoid:	Strong oxidizing agents
Hazardous Decomposition Products:	Carbon monoxide, sulfur oxides, aldehydes, and other petroleum decomposition products in the case of incomplete combustion. Oxides of nitrogen, phosphorus, calcium, copper, magnesium, sodium, and hydrogen sulfide may also be present.

XI. TOXICOLOGICAL INFORMATION

Routes of Entry:	Skin contact, Ingestion, Inhalation
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Ingestion: Although this product has a low order of acute oral toxicity, aspiration of minute amounts into the lungs during ingestion or vomiting may cause mild to severe pulmonary injury and possibly death.

Inhalation: Harmful! Can cause systemic damage (see "Target Organs").

Absorption: No absorption hazard in normal industrial use.

Eye: Upon prolonged or repeated contact, no hazard in normal industrial use.

Skin: Unlikely to cause irritation even on repeated contact.

Ingredient	LD₅₀ and LC₅₀
Distillates (petroleum), hydrotreated heavy paraffinic	Inhalation LC50 Rat 2.18 mg/L 4 h; Oral LD50 Rat >2000 mg/kg; Dermal LD50 Rabbit >2000 mg/kg
Petroleum distillates, solvent dewaxed heavy paraffinic	Inhalation LC50 Rat >4.7 mg/L 4 h; Oral LD50 Rat >5000 mg/kg; Dermal LD50 Rabbit >5000 mg/kg

Target Organs: Skin, Respiratory Tract

Carcinogenicity: Not a carcinogen according to NTP, IARC, or OSHA.

Reproductive Toxicity: Not known or reported to cause reproductive or developmental toxicity.

Skin Sensitization: No data.

Chemical Listed as Carcinogen or Potential Carcinogen	Source Agency
Not Listed.	ACGIH- Threshold Limit Values- Carcinogens
Not Listed.	IARC Carcinogen
Not Listed.	NTP- Report on Known Human Carcinogens
Not Listed.	NTP- Report on Reasonably Anticipated to be Human Carcinogens
Not Listed.	U.S. - OSHA - Hazard Communication Carcinogens

XII. ECOLOGICAL INFORMATION

Overview: Moderate ecological hazard. This product may be dangerous to plants and/or wildlife.

Mobility: This material is expected to have essentially no mobility in soil. It absorbs strongly to most soil types.

Persistence: No data.

Bioconcentration: Bioconcentration is not expected to occur.

Degradability: Biodegrades slowly.

XIII. DISPOSAL CONSIDERATIONS

Disposal of Packaging: Recycle containers whenever possible.

Disposal Methods: Dispose of according to Federal, State, Local, or Provincial regulations. Recycle used oil.

XIV. TRANSPORTATION INFORMATION

Not classified as hazardous for transport (DOT, TDG, IMO/IMDG, IATA/ICAO).



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XV. REGULATORY INFORMATION

Ingredient	Regulation	CAS #	% Range
None Listed.	CERCLA RQ		
Diphenylamine	SARA 313	122-39-4	0.01 - 0.1
Naphthalene	SARA 313	91-20-3	<10ppm
Arsenic	SARA 313	7440-38-2	<10ppm
Lead	SARA 313	7439-92-1	<10ppm
Cadmium	SARA 313	7440-43-9	<10ppm
ethylbenzene	SARA 313	100-41-4	<10ppm
None Listed.	SARA 302-EHS		
Naphthalene	CA Prop 65 – Cancer	91-20-3	<10ppm
Trimethyl phosphate	CA Prop 65 – Cancer	512-56-1	<10ppm
Lead	CA Prop 65 – Cancer	7439-92-1	<10ppm
Cadmium	CA Prop 65 – Cancer	7440-43-9	<10ppm
ethylbenzene	CA Prop 65 – Cancer	100-41-4	<10ppm
Lead	CA Prop 65 - Dev. Toxicity	7439-92-1	<10ppm
Cadmium	CA Prop 65 - Dev. Toxicity	7440-43-9	<10ppm
Lead	CA Prop 65 - Reprod – fem	7439-92-1	<10ppm
Lead	CA Prop 65 - Reprod – male	7439-92-1	<10ppm
Cadmium	CA Prop 65 - Reprod – male	7440-43-9	<10ppm

Inventory- U.S. TSCA: All components of this material are on the US TSCA Inventory or are exempt.
OSHA Hazard Classification: Skin, Respiratory Tract
WHMIS Classification: Uncontrolled product according to WHMIS classification criteria.
Inventory- Canada Domestic Substance List: Present

HMIS Ratings:

Health: 0
Fire: 1
Reactivity: 0
PPE: B

NFPA Ratings:

Health: 0
Fire: 1
Reactivity: 0

KEY: 0 - Least 1 - Slight 2 - Moderate 3 - High 4 – Extreme

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XVI. ADDITIONAL INFORMATION

Superseded by: 2013-03-29 20:45:32

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Prepared by: HAZEMS

Disclaimer: This material safety data sheet and the information it contains is offered to you in good faith as accurate. We have reviewed any information contained in the data sheet which we have received from outside sources and we believe the information to be correct, but cannot guarantee its accuracy or completeness. Health and safety precautions in this data sheet may not be adequate for all individuals and/or situations. It is the user's obligation to evaluate and use this product in a safe manner and to comply with all applicable laws and regulations. No statement made in this data sheet shall be construed as permission or recommendation for the use of any product in a manner that might infringe existing patents. No warranty is made, either expressed or implied.