



SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product Name: SL Synthetic Bld 5w20 SN
Product Code: SI52SB55 (SINCLAIR CODE: 833-003)

1.2. Relevant identified uses of the substance or mixture and uses advised against

Recommended use: Motor Oil
Recommended restrictions: Not applicable

1.3. Details of the supplier of the safety data sheet

Manufacturer: Warren Distribution, Inc.
727 S. 13th Street
Omaha, NE 68102
Information Phone: +01 (800) 825-1235 +01 (402) 341-9397
E-mail: sds@wd-wpp.com

1.4. Emergency telephone number

Emergency phone number: CHEMTREC: +1 (800) 424-9300
International: +01 (703) 527-3887

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Not classified under GHS

2.2. Label elements

2.3. Other hazards

Hazards not otherwise classified: Avoid prolonged or repeated contact with used motor oil. Used motor oil has been shown to cause skin cancer in laboratory animals.

Unknown acute toxicity (GHS-US)

SECTION 3: Composition/information on ingredients

| Chemical Name | % | CAS # | GHS Classification |
|--|-------------|------------|-------------------------|
| Lubricating oils (petroleum), C20-50, hydrotreated | 30 - 60 | 64742-54-7 | Aquatic Acute 1; H400 |
| neutral oil-based Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | 10 - 30 | 64742-65-0 | Aquatic Chronic 1; H410 |
| | 7 - 13 | 72623-87-1 | Aquatic Chronic 2; H411 |
| | 0.5 - 1.5 | 68649-42-3 | Acute Tox. 3; H331 |
| | 0.1 - 1 | | Acute Tox. 4; H332 |
| | 0.01 - 0.1 | | Acute Tox. 4; H302 |
| | 0.001- 0.01 | | Acute Tox. 3; H331 |
| | | | Eye Dam. 1; H318 |
| | | | Skin Irrit. 2; H315 |

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

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Remove to fresh air. If breathing is difficult, have a trained individual administer oxygen.
Eyes Use eye wash to remove a chemical from the eye. Flush the affected eye for at least fifteen minutes. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Seek medical

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SECTION 4: First aid measures

| | |
|--|--|
| Skin Contact | attention if irritation persists. Wash with soap and water. Get medical attention if irritation develops or persists. Seek medical advice if symptoms persist. |
| Ingestion | Minimal risk of harm if swallowed. Do not induce vomiting. Seek medical attention immediately. Provide medical care provider with this SDS. |
| 4.2. Most important symptoms and effects, both acute and delayed | |
| Symptoms | Not determined |
| 4.3. Indication of any immediate medical attention and special treatment needed | |
| Note to Doctor | Aspiration during swallowing or vomiting may severely damage the lungs. If evacuation of stomach contents is necessary, use method least likely to cause aspiration. |

SECTION 5: Firefighting measures

| | |
|---|---|
| 5.1. Extinguishing media | |
| Suitable and Unsuitable 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. |
| 5.2. Special hazards arising from the substance or mixture | |
| Fire and/or Explosion Hazards | Material may be ignited only if preheated to temperatures above the high flash point, for example in a fire. |
| 5.3. Advice for firefighters | |
| 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. |
| Hazardous Combustion Products | Carbon monoxide, Smoke |

SECTION 6: Accidental release measures

| | |
|---|---|
| 6.1. Personal precautions, protective equipment and emergency procedures | |
| General Measures: | No health effects expected from the clean up of this material if contact can be avoided. Follow personal protective equipment recommendations found in Section 8 of this SDS. |
| 6.2. Environmental precautions | Do not flush to sewer. Avoid runoff into storm sewers and ditches that lead to waterways. Remove from water surface by skimming or with suitable absorbents. Do not use dispersants. |
| 6.3. Methods and material for containment and cleaning up | Methods for cleaning up: 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 according to Federal, State, Local, or Provincial regulations. Used fluid should be disposed of at a recycling center. |
| 6.4. Reference to other sections | Follow all protective equipment recommendations provided in Section 8. |

SECTION 7: Handling and storage

| | |
|--|---|
| 7.1. Precautions for safe handling | Mildly irritating material. Avoid unnecessary exposure. |
| 7.2. Conditions for safe storage, including any incompatibilities | Store in a cool dry place. Isolate from incompatible materials. |
| Incompatible materials | See Section 10. |
| 7.3. Specific end use(s) | Motor Oil |

SECTION 8: Exposure controls/personal protection

| | | |
|--------------------------------|-------------------------------------|--------------|
| 8.1. Control parameters | | |
| Chemical Name | Occupational Exposure Limits | Value |

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

| Chemical Name | Occupational Exposure Limits | Value |
|--|------------------------------|----------------------|
| Oil mist, mineral | OSHA PEL | 5 mg/m ³ |
| Oil mist, mineral | OSHA PEL | 5 mg/m ³ |
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | OSHA PEL | 5 mg/m ³ |
| Oil mist, mineral | ACGIH TLV-TWA | 5 mg/m ³ |
| Oil mist, mineral | ACGIH TLV-TWA | 5 mg/m ³ |
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | ACGIH TLV-TWA | 5 mg/m ³ |
| Oil mist, mineral | ACGIH STEL | 10 mg/m ³ |
| Oil mist, mineral | ACGIH STEL | 10 mg/m ³ |
| Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based | ACGIH STEL | 10 mg/m ³ |
| None. | IDLH | |
| None. | OSHA PEL-Skin Notation | |

8.2. Exposure controls

| | |
|-------------------------------|--|
| Engineering Measures | Use local exhaust ventilation or other engineering controls to minimize exposures and maintain operator comfort. |
| Respiratory Protection | Respiratory protection may be required to avoid overexposure when handling this product. General or local exhaust ventilation is the preferred means of protection. Use a respirator if general room ventilation is not available or sufficient to eliminate symptoms. |
| 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 Protection | No special requirements under normal industrial use. |
| Skin Protection | Where use can result in skin contact, practice good personal hygiene and wear impervious gloves. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work. |
| Gloves | Neoprene, Nitrile, Polyvinyl chloride, Impervious rubber |

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|------------------|
| Physical State | Liquid |
| Color | Brown |
| Odor | Mild |
| Odor threshold | Not determined |
| pH | Not determined |
| Freezing point | -20 |
| Boiling Point | Not determined |
| Flash Point (°C) | 206 |
| Flash Point Method | COC |
| Evaporation Rate | Not determined |
| Upper Flammable/Explosive Limit, % in air | = 10 |
| Lower Flammable/Explosive Limit, % in air | = 1 |
| Flammability (solid, gas) | Not applicable |
| Vapor pressure | <0.20 |
| Vapor Density | Not determined |
| Relative Density | 0.86 |
| Solubility in Water | Negligible; 0-1% |
| Octanol/Water Partition Coefficient | Not determined |

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|---------------------------|----------------|
| Autoignition Temperature | Not determined |
| Decomposition Temperature | Not determined |
| Viscosity(°C) | 51.33 |

9.2. Other information

| | |
|------------------------|----------|
| Volatiles, % by weight | 0.000000 |
|------------------------|----------|

SECTION 10: Stability and reactivity

| | |
|--|---|
| 10.1. Reactivity | No data available. |
| 10.2. Chemical stability | Stable under normal conditions. |
| 10.3. Possibility of hazardous reactions | Hazardous polymerization will not occur. |
| 10.4. Conditions to avoid | Temperatures above the high flash point of this combustible material in combination with sparks, open flames, or other sources of ignition. Moisture (will lead to product performance degradation). |
| 10.5. Incompatible materials | Strong oxidizing agents |
| 10.6. Hazardous decomposition products | Carbon monoxide, Smoke, 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. |

SECTION 11: Toxicological information

11.1. Information on toxicological effects

| | |
|--|--|
| Ingestion Toxicity | No hazard in normal industrial use. Estimated to be > 5.0 g/kg. |
| Skin Contact | This material is likely to be slightly irritating to skin based on animal data. Can cause minor skin irritation, defatting, and dermatitis. |
| Absorption | Likely to be practically non-toxic based on animal data. |
| Inhalation Toxicity | No hazard in normal industrial use. Likely to be practically non-toxic based on animal data. |
| Eye Contact | This material is estimated to be non-irritating eyes (Draize score <15 [rabbits]). No hazard in normal industrial use. |
| Sensitization | Non-hazardous under Respiratory Sensitization category. No data available to indicate product or components may be a skin sensitizer. |
| Mutagenicity | No data available to indicate product or any components present at greater than 0.1% is mutagenic or genotoxic. |
| Carcinogenicity | Not expected to cause cancer. This product meets the IP-346 criteria of <3% PAH's and is not considered a carcinogen by the International Agency for Research on Cancer. |
| Reproductive and Developmental Toxicity | No data available to indicate product or any components present at greater than 0.1% may cause birth defects. |
| Specific target organ toxicity-Single exposure | Non-hazardous under Specific Target Organ Systemic Toxicity Single Exposure category. |
| Specific target organ toxicity-Repeated exposure | Non-hazardous under Specific Target Organ Systemic Toxicity Repeated Exposure category. |
| Aspiration toxicity | Non-hazardous under Aspiration category. |
| Other information | No data available. |

Agents Classified by IARC Monographs

| | |
|----------------|---------------|
| Not applicable | IARC Group 1 |
| Not applicable | IARC Group 2A |
| Not applicable | IARC Group 2B |

National Toxicity Program (NTP) Status

| | |
|----------------|---|
| Not applicable | Known Human Carcinogen |
| Not applicable | Reasonably Anticipated To Be A Human Carcinogen |

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SECTION 12: Ecological information

12.1. Toxicity

Acute Aquatic ecotoxicity: Non-hazardous under Aquatic Acute Environment category.

Chronic Aquatic ecotoxicity: Non-hazardous under Aquatic Chronic Environment category.

12.2. Persistence and degradability

Biodegrades slowly.

12.3. Bioaccumulative potential

Bioconcentration may occur.

12.4. Mobility in soil

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

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Other adverse effects

Not determined

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal Methods

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

Waste Disposal Code(s)

Waste Description for Spent Product

Spent or discarded material is non-hazardous according to environmental regulations.

Contaminated packaging:

Recycle containers whenever possible.

Recycle containers whenever possible.

Recycle containers whenever possible.

SECTION 14: Transport information

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

SECTION 15: Regulatory information

Chemical Inventories

U.S. State Restrictions: Not applicable

WHMIS: Uncontrolled product according to WHMIS classification criteria.

| Chemical Name | Regulation | CAS # | % |
|---------------|------------|-------|---|
| None. | CERCLA | | |
| None. | SARA 313 | | |
| None. | SARA EHS | | |
| None. | TSCA 12b | | |

U.S. State Regulations

| Chemical Name | Regulation | CAS # | % |
|---------------|--------------------------------------|-------|---|
| None. | California Prop 65- Cancer | | |
| None. | California Prop 65- Dev. Toxicity | | |
| None. | California Prop 65- Reprod -fem | | |
| None. | California Prop 65- Reprod-male | | |
| None. | Massachusetts RTK List | | |
| None. | New Jersey RTK List | | |
| None. | Pennsylvania RTK List | | |

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| Chemical Name | Regulation | CAS # | % |
|---------------|------------------------------------|-------|---|
| None. | Rhode Island RTK List | | |
| None. | Minnesota Hazardous Substance List | | |

HMIS Ratings:

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

NFPA Ratings:

Health: 1
Fire: 1
Reactivity: 0

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

SECTION 16: Other information

Revision Date 10/21/2015 12:01:28 PM

Supersedes: None

References ACGIH: American Conference of Governmental Industrial Hygienists

AIHA: American Industrial Hygiene Association

CFR: Code of Federal Regulations

DOT: United States Department of Transportation

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

HMIS: Hazardous Materials Identification System

IARC: International Agency for Research on Cancer

IATA: International Air Transportation Association

IDLH: Immediately Dangerous to Life or Health

IMDG: International Maritime Dangerous Goods

NFPA: National Fire Protection Association

NIOSH: National Institute for Occupational Safety and Health

NTP: National Toxicology Program

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limit

RTK: Right-to-Know

SARA: Superfund Amendments and Reauthorization Act

STEL: Short-term Exposure Limit

TLV: Threshold limit value

TSCA: Toxic Substances Control Act

TWA: Time weighted average

UN: United Nations

WHMIS: Workplace Hazardous Materials Information System

Disclaimer

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