



Section 1. Identification

Product identifier

Product Identity 306 Supreme Formula Engine Oil
Other means of identification 306

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

See Technical Data Sheet.

Details of the supplier of the safety data sheet

Company Name Southwestern Petroleum Lubricants LLC
3401 Quorum Drive, Suite 360
Fort Worth, Texas 76137

Emergency
24 hour Emergency Telephone No. 734 930-0009

Customer Service: Emergency numbers call Chemtrec 24/7 USA and Canada 1-800-424-9300 or 1-703-527-3887

Section 2. Hazard(s) identification

This SDS is aligned with the Workplace Hazardous Materials Information System (WHMIS) and with the Globally Harmonized System of Classification and Labelling of Chemicals (GHS).

Classification of the substance or mixture

Skin Sens. 1;H317 May cause an allergic skin reaction.

Label elements



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Warning

H317 May cause an allergic skin reaction.

[Prevention]:

P261 Avoid breathing dust, fume, gas, mist, vapours, spray.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves, eye protection, and face protection.

[Response]:

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P333+313 If skin irritation or a rash occurs: Get medical advice or attention.

P362+364 Take off contaminated clothing and wash it before reuse.

[Storage]:

No GHS storage statements

[Disposal]:

P501 Dispose of contents or container in accordance with local and national regulations.

Other hazards

This product contains no PBT/vPvB chemicals.

This product contains no endocrine disrupting chemicals.

Section 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the Hazardous Products Regulations.



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| Ingredient/Chemical Designations | Weight % | GHS Classification | Notes |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-----------------------------------------------------------------------------------|-------|
| Distillates Hydrotreated Heavy Paraffin CAS Number: 64742-54-7 Synonyms: Distillates (petroleum), hydrotreated heavy paraffinic; Base oil-unspecified | 65 - 85 | Not Classified | ---- |
| Methyl methacrylate polymer CAS Number: 9011-14-7 Synonyms: Methyl methacrylate polymer | 10 - 30 | Not Classified | ---- |
| Lubricating oils (petroleum), c15-30, hydrotreated neutral oil-based; base oil-unspecified CAS Number: 72623-86-0 Synonyms: Lubricating oils (petroleum), c15-30, hydrotreated neutral oil-based; base oil-unspecified | 1 - 5 | Not Classified | ---- |
| 1,3,4-thiadiazole, 2,5-bis(octyldithio)- CAS Number: 13539-13-4 Synonyms: 1,3,4-thiadiazole, 2,5-bis(octyldithio)- | 0.1 - 1 | Skin Irrit. 2;H315 Skin Sens. 1;H317 Acute Tox. 4;H332 Eye Irrit. 2;H319 | ---- |

The actual concentration or concentration range is withheld as a trade secret.

*PBT/vPvB - PBT-substance or vPvB-substance.

The full texts of the phrases are shown in Section 16.

Section 4. First aid measures

Description of first aid measures

General In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

Inhalation Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

Overview Treat symptomatically. Exposure to solvent vapour concentrations from the component solvents in excess of the stated occupational exposure limits may



result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage. See section 2 for further details.

Skin May cause an allergic skin reaction.

Section 5. Fire-fighting measures

Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray.
Unsuitable extinguishing media: Do not use; water jet.

Special hazards arising from the substance or mixture

Hazardous decomposition: High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

Avoid breathing dust, fume, gas, mist, vapours, spray.

Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full-face piece and protective clothing. Persons without respiratory protection should leave the area. Wear SCBA during clean-up immediately after fire. No smoking.

Section 6. Accidental release measures



Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).
Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Environmental precautions

Do not allow spills to enter drains or waterways.

Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapours. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

Section 7. Handling and storage

Precautions for safe handling

Handle containers carefully to prevent damage and spillage.
See section 2 for further details. - [Prevention]:

Conditions for safe storage, including any incompatibilities

Incompatible materials: Strong oxidizing agents and acids.
See section 2 for further details. - [Storage]:

Specific end use(s)

No available information

Section 8. Exposure controls / personal protection

Control parameters



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Exposure

| CAS No. | Ingredient | Source | Value |
|------------|------------------------------------------|---------------------------|----------------------|
| 9011-14-7 | Methyl methacrylate polymer | ACGIH | No Established Limit |
| | | Alberta | No Established Limit |
| | | British Columbia | No Established Limit |
| | | Manitoba | No Established Limit |
| | | New Brunswick | No Established Limit |
| | | Newfoundland and Labrador | No Established Limit |
| | | Nova Scotia | No Established Limit |
| | | Northwest Territories | No Established Limit |
| | | Nunavut | No Established Limit |
| | | Ontario | No Established Limit |
| | | Prince Edward Island | No Established Limit |
| | | Quebec | No Established Limit |
| | | Saskatchewan | No Established Limit |
| | | Yukon | No Established Limit |
| 13539-13-4 | 1,3,4-thiadiazole, 2,5-bis(octyldithio)- | ACGIH | No Established Limit |
| | | Alberta | No Established Limit |
| | | British Columbia | No Established Limit |
| | | Manitoba | No Established Limit |
| | | New Brunswick | No Established Limit |
| | | Newfoundland and Labrador | No Established Limit |
| | | Nova Scotia | No Established Limit |
| | | Northwest Territories | No Established Limit |
| | | Nunavut | No Established Limit |
| | | Ontario | No Established Limit |
| | | Prince Edward Island | No Established Limit |
| | | Quebec | No Established Limit |
| | | Saskatchewan | No Established Limit |
| | | Yukon | No Established Limit |



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| CAS No. | Ingredient | Source | Value |
|------------|--------------------------------------------------------------------------------------------|---------------------------|----------------------|
| 64742-54-7 | Distillates Hydrotreated Heavy Paraffin | | Limit |
| | | ACGIH | No Established Limit |
| | | Alberta | No Established Limit |
| | | British Columbia | No Established Limit |
| | | Manitoba | No Established Limit |
| | | New Brunswick | No Established Limit |
| | | Newfoundland and Labrador | No Established Limit |
| | | Nova Scotia | No Established Limit |
| | | Northwest Territories | No Established Limit |
| | | Nunavut | No Established Limit |
| | | Ontario | No Established Limit |
| | | Prince Edward Island | No Established Limit |
| | | Quebec | No Established Limit |
| | | Saskatchewan | No Established Limit |
| Yukon | No Established Limit | | |
| 72623-86-0 | Lubricating oils (petroleum), c15-30, hydrotreated neutral oil-based; base oil-unspecified | ACGIH | No Established Limit |
| | | Alberta | No Established Limit |
| | | British Columbia | No Established Limit |
| | | Manitoba | No Established Limit |
| | | New Brunswick | No Established Limit |
| | | Newfoundland and Labrador | No Established Limit |
| | | Nova Scotia | No Established Limit |
| | | Northwest Territories | No Established Limit |
| | | Nunavut | No Established Limit |
| | | Ontario | No Established Limit |
| | | Prince Edward Island | No Established Limit |
| | | Quebec | No Established Limit |
| | | Saskatchewan | No Established Limit |
| | | Yukon | No Established Limit |



Contains mineral oil. The exposure limits for oil mist are 5 mg/m³OSHA PEL and 5 mg/m³ACGIH.

Exposure controls

Respiratory If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

Eyes Protective safety glasses recommended

Skin Avoid skin contact. Protective gloves recommended.

Engineering Controls Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapour below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details.

Section 9. Physical and chemical properties

Information on basic physical and chemical properties

| | |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| Physical State | Liquid |
| Color | Purple |
| Odour | Mild Petroleum |
| Melting point / freezing point | No available information |
| Initial boiling point and boiling range | 300C |
| Flammability (solid, gas) | No available information |
| Upper/lower flammability or explosive limits | Lower Explosive Limit: No available information Upper Explosive Limit: No available information |
| Flash Point | °F °C, Test method: (Open cup) |
| Auto-ignition temperature | 260 |
| Decomposition temperature | No available information |



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| | |
|--------------------------------------------------------|--------------------------|
| pH | 8.0 |
| Viscosity (cSt) | Varies with grade |
| Solubility in Water | not soluble in water |
| Partition coefficient n-octanol/water (Log Kow) | No available information |
| Vapour pressure (Pa) | No available information |
| Relative Density | 0.9 |
| Vapour Density | >5 |
| Evaporation rate (Ether = 1) | nil |
| VOC Content | nil |

Other information

DMSO extract by IP346: Less than 3.0 wt % (mineral oil component only)

Section 10. Stability and reactivity

Reactivity

Hazardous Polymerization will not occur.

Chemical stability

Stable under normal circumstances.

Possibility of hazardous reactions

No available information

Conditions to avoid

Excessive heat and open flame.

Incompatible materials

Strong oxidizing agents and acids.

Hazardous decomposition products

High temperatures and fires may produce such toxic substances as carbon monoxide and carbon dioxide.

Section 11. Toxicological information

Acute toxicity

Exposure to solvent vapour concentrations from the component solvents in excess of the



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stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

| Ingredient | Oral LD50, mg/kg | Skin LD50, mg/kg | Inhalation vapour LC50, mg/L/4hr | Inhalation Dust/Mist LC50, mg/L/4hr | Inhalation Gas LC50, ppm |
|-----------------------------------------------------------------------------------------------------------|--------------------------------|-----------------------------------|----------------------------------|-------------------------------------|--------------------------|
| Distillates Hydrotreated Heavy Paraffin - (64742-54-7) | > 5,000.00, Rat - Category: NA | > 5,000.00, Rabbit - Category: NA | No data available. | No data available. | No data available. |
| Methyl methacrylate polymer - (9011-14-7) | No data available. | No data available. | No data available. | No data available. | No data available. |
| Lubricating oils (petroleum), c15-30, hydrotreated neutral oil-based; base oil-unspecified - (72623-86-0) | No data available. | No data available. | No data available. | No data available. | No data available. |
| 1,3,4-thiadiazole, 2,5-bis(octyldithio)- - (13539-13-4) | No data available. | No data available. | No data available. | No data available. | No data available. |

Carcinogen Data

| CAS No. | Ingredient | Source | Value |
|------------|------------------------------------------|--------|---------------------------------------------------------------------|
| 9011-14-7 | Methyl methacrylate polymer | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: Yes; Group 4: No; |
| | | ACGIH | No Established Limit |
| 13539-13-4 | 1,3,4-thiadiazole, 2,5-bis(octyldithio)- | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| | | ACGIH | No Established Limit |
| 64742-54-7 | Distillates Hydrotreated Heavy Paraffin | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| | | ACGIH | No Established Limit |



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| CAS No. | Ingredient | Source | Value |
|------------|--------------------------------------------------------------------------------------------|--------|--------------------------------------------------------------------|
| 72623-86-0 | Lubricating oils (petroleum), c15-30, hydrotreated neutral oil-based; base oil-unspecified | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| | | ACGIH | No Established Limit |

| Classification | Category | Hazard Description |
|-------------------------------|----------|--------------------------------------|
| Acute toxicity (oral) | --- | Not Applicable |
| Acute toxicity (dermal) | --- | Not Applicable |
| Acute toxicity (inhalation) | --- | Not Applicable |
| Skin corrosion/irritation | --- | Not Applicable |
| Serious eye damage/irritation | --- | Not Applicable |
| Respiratory sensitization | --- | Not Applicable |
| Skin sensitization | 1 | May cause an allergic skin reaction. |
| Germ cell mutagenicity | --- | Not Applicable |
| Carcinogenicity | --- | Not Applicable |
| Reproductive toxicity | --- | Not Applicable |
| STOT-single exposure | --- | Not Applicable |
| STOT-repeated exposure | --- | Not Applicable |
| Aspiration hazard | --- | Not Applicable |

Possible routes of entry:

Symptoms and effects, both acute and delayed::

Treat symptomatically.

Skin May cause an allergic skin reaction.

| |
|-------------------------------------------|
| Section 12. Ecological information |
|-------------------------------------------|

Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

| Ingredient | 96 hr LC50 fish, mg/l | 48 hr EC50 crustacea, mg/l | ErC50 algae, mg/l |
|--------------------------------------------------------|-----------------------|----------------------------|-------------------|
| Distillates Hydrotreated Heavy Paraffin - (64742-54-7) | | | |



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| Ingredient | 96 hr LC50 fish, mg/l | 48 hr EC50 crustacea, mg/l | ErC50 algae, mg/l |
|-----------------------------------------------------------------------------------------------------------|-----------------------------|----------------------------|-----------------------------------------|
| | 101.00, Pimephales promelas | > 10,000, Daphnia magna | 100.00, Pseudokirchneriella subcapitata |
| Methyl methacrylate polymer - (9011-14-7) | No data available. | No data available. | No data available. |
| Lubricating oils (petroleum), c15-30, hydrotreated neutral oil-based; base oil-unspecified - (72623-86-0) | No data available. | No data available. | No data available. |
| 1,3,4-thiadiazole, 2,5-bis(octylidithio)- - (13539-13-4) | No data available. | No data available. | No data available. |

Persistence and degradability

There is no data available on the preparation itself.

Bioaccumulative potential

No available information

Mobility in soil

No available information

Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

Other adverse effects

No available information

Section 13. Disposal considerations

Waste treatment methods

Observe all federal, provincial and local regulations when disposing of this substance.

Section 14. Transport information

Classification Method: Classified as per Part 2, Sections 2.1-2.8 of the Transportation of Dangerous Goods Regulations.

TDG (Domestic Surface) IMO / IMDG (Ocean) ICAO/IATA



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| | | | |
|-----------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------------|
| | Transportation) | Transportation) | |
| UN number | Not Regulated | Not Regulated | Not Regulated |
| UN proper shipping name | Not Regulated | Not Regulated | Not Regulated |
| Transport hazard class(es) | TDG Hazard Class: Not Applicable Sub Class: Not Applicable | IMDG: Not Applicable Sub Class: Not Applicable | Air Class: Not Applicable Sub Class: Not Applicable |
| Packing group | Not Applicable | Not Applicable | Not Applicable |

Environmental hazards

Marine Pollutant: No;

Special precautions for user

No available information

Section 15. Regulatory information

This product has been classified in accordance with the hazard criteria Hazardous Products Regulations (SOR/2015-17) and the SDS contains all of the information required by those regulations.

Canadian Domestic Substance List (DSL):

1,3,4-thiadiazole, 2,5-bis(octyldithio)-

Carbamodithioic acid, dibutyl-, methylene ester

Distillates Hydrotreated Heavy Paraffin

Lubricating oils (petroleum), c15-30, hydrotreated neutral oil-based; base oil-unspecified

Methyl methacrylate polymer

Canadian Non-Domestic Substance List (NDSL):

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.



Section 16. Other information

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The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders

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