

Section 1. Identification

Product identifier

Product Identity	703 Synthetic Multi-Grade AW Hydraulic Oil
Other means of identification	703

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	734 930-0009
Telephone No. 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

The substance is not classified according to the WHMIS regulations.

Label elements



The substance is not classified according to the WHMIS regulations.

[Prevention]:

No GHS prevention statements [Response]: No GHS response statements [Storage]: No GHS storage statements [Disposal]: No GHS disposal statements

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.

Ingredient/Chemical Designations	Weight	GHS	Notes
	%	Classification	
Distillates Hydrotreated Heavy Paraffin	65 - 85	Not Classified	
CAS Number: 64742-54-7			
Synonyms: Distillates (petroleum), hydrotreated heavy paraffinic; Base Oil-unspecified			
Methyl methacrylate polymer	7 - 13	Not Classified	
CAS Number: 9011-14-7			
Synonyms: Methyl methacrylate polymer			
Lubricating oils (petroleum), c15-30, hydrotreated neutral oil-based; Base Oil-unspecified CAS Number: 72623-86-0	3 - 7	Not Classified	
Synonyms: Lubricating oils (petroleum), c15-30, hydrotreated neutral oil-based; Base Oil- unspecified			

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 vapor 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.

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.

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 vapors. 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

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
742-54-	Distillates Hydrotreated Heavy Paraffin	ACGIH	No Established Limit
,		Alberta	No Established Limit



CAS No.	Ingredient	Source	Value
		British Columbia	No Established Limit
		Manitoba	No Established Limit
		New Brunswick	No Established Limit
		Newfoundland and	No Established
		Labrador	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
	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	No Established
		Labrador	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	Provide adequate ventilation. Where reasonably practicable this should be
Controls	achieved using local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor 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
Color
Odour
Melting point / freezing point
Initial boiling point and boiling range
Flammability (solid, gas)
Upper/lower flammability or explosive limits
Flash Point
Auto-ignition temperature
Decomposition temperature
рН
Viscosity (cSt)
Solubility in Water
Partition coefficient n-octanol/water (Log Kow)
Vapour pressure (Pa)
Relative Density

Liquid Red/purple None No available information 293 C No available information Lower Explosive Limit:0.9 Upper Explosive Limit: 7.0 °F °C, Test method: (Open) 290C No available information 7.3 70cst @ 40C not soluble in water No available information No available information 0.861

Swepco	Safety Data Sheet 703 Synthetic Multi-Grade AW Hydraulic Oil	SDS Revision Date: 07/17/2024
Vapor Density	,	>5
Evaporation ra	ate (Ether = 1)	0 0

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 vapor 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.

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 vapor 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.

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
64742-	Distillates Hydrotreated Heavy Paraffin	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group
54-7			3: No; Group 4: No;
		ACGIH	No Established Limit
72623-	Lubricating oils (petroleum), c15-30, hydrotreated neutral oil-	IARC	Group 1: No; Group 2a: No; Group 2b: No; Group
86-0	based; Base Oil-unspecified		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		Not Applicable
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.

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)	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.

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 Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
UN number	Not Regulated	Not Regulated	Not Regulated
UN proper	Not Regulated	Not Regulated	Not Regulated
shipping name			
Transport hazard	TDG Hazard Class: Not	IMDG: Not Applicable	Air Class: Not
class(es)	Applicable	Sub Class: Not	Applicable
	Sub Class: Not Applicable	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 amended 2022-12-15) and the SDS contains all of the information required by those regulations.

Canadian Domestic Substance List (DSL):

Distillates Hydrotreated Heavy Paraffin

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

Methyl methacrylate polymer

Poly(oxy-1,2-ethanediyl), .alpha.-(1-oxo-9-octadecenyl)-.omega.-[(1-oxo-9-octadecenyl)oxy]-, (z,z)-

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

SDS Revision Date

07/17/2024

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:

Not Applicable

The information and recommendations contained herein are based upon data believed to



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