



### SAFETY DATA SHEET AMSOIL Mud Slinger

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200 and WHMIS 2015, in compliance with the Hazardous Product Act (HPA, as amended) and the requirements of the Hazardous Product Regulations (HPR).

1. Identification	
Product identifier	
Product name	AMSOIL Mud Slinger
Product number	AMSSC
Recommended use of the che	emical and restrictions on use
Application	Aerosol Cleaner and Protectant.
Uses advised against	No specific uses advised against are identified.
Details of the supplier of the s	afety data sheet
Supplier	AMSOIL INC. Bordner, Ladner, Gervais Scotia Plaza, 40 King St W Toronto, ON, Canada M5H 3Y4 T: +1 416-367-6547
Manufacturer	AMSOIL INC. One AMSOIL Center, Superior, WI 54880, USA. T: +1 715-392-7101 compliance@amsoil.com
Emergency telephone number	<u>r</u>
Emergency telephone	CHEMTREC: Within USA and Canada: 1-800-424-9300 Outside the USA and Canada: +1 703-741-5970 (collect calls accepted) 24/7
2. Hazard(s) identification	
Classification of the substance	e or mixture
OSHA/WHMIS Regulatory Status	This Product is Hazardous under the OSHA Hazard Communication Standard and according to the hazard criteria of the Hazardous Product Regulations.
Physical hazards	Flam. Aerosol 1 - H222 Press. Gas, Compressed - H280
Health hazards	Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304
Environmental hazards	Aquatic Chronic 2 - H411
Label elements	
Pictogram	

Signal word

Danger

1/12

Hazard statements	<ul> <li>H222 Extremely flammable aerosol.</li> <li>H280 Contains gas under pressure; may explode if heated.</li> <li>H304 May be fatal if swallowed and enters airways.</li> <li>H315 Causes skin irritation.</li> <li>H336 May cause drowsiness or dizziness.</li> <li>H411 Toxic to aquatic life with long lasting effects.</li> </ul>
Precautionary statements	<ul> <li>P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking.</li> <li>P211 Do not spray on an open flame or other ignition source.</li> <li>P251 Pressurized container: Do not pierce or burn, even after use</li> <li>P261 Avoid breathing spray.</li> <li>P264 Wash contaminated skin thoroughly after handling.</li> <li>P271 Use only outdoors or in a well-ventilated area.</li> <li>P273 Avoid release to the environment.</li> <li>P280 Wear protective gloves, eye and face protection.</li> <li>P301+P310 If swallowed: Immediately call a poison center/ doctor.</li> <li>P302+P352 If on skin: Wash with plenty of water.</li> <li>P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing.</li> <li>P312 Call a poison center/ doctor if you feel unwell.</li> <li>P331 Do NOT induce vomiting.</li> <li>P332+P313 If skin irritation occurs: Get medical advice/ attention.</li> <li>P362+P364 Take off contaminated clothing and wash it before reuse.</li> <li>P391 Collect spillage.</li> <li>P403+P233 Store in a well-ventilated place. Keep container tightly closed.</li> <li>P405 Store locked up.</li> <li>P410+P403 Protect from sunlight. Store in a well-ventilated place.</li> <li>P412 Do not expose to temperatures exceeding 50°C/122°F.</li> <li>P501 Dispose of contents/ container in accordance with national regulations.</li> </ul>
Contains	Hydrogenated base oil

#### Other hazards

This product does not contain any substances classified as PBT or vPvB.

#### 3. Composition/information on ingredients

#### Mixtures

Hydrogenated base oil	25 - <50%
CAS number: 64742-49-0	
Classification	
Flam. Liq. 2 - H225	
Skin Irrit. 2 - H315	
STOT SE 3 - H336	
Asp. Tox. 1 - H304	
Aquatic Chronic 2 - H411	

The full text for all hazard statements is displayed in Section 16.

**Composition comments** The exact percentage is withheld as a trade secret in accordance with 29 CFR 1910.1200.

#### 4. First-aid measures

#### Description of first aid measures

**General information** 

Get medical attention immediately. Show this Safety Data Sheet to the medical personnel.

Specific hazards	Containers can burst violently or explode when heated, due to excessive pressure build-up. Bursting aerosol containers may be propelled from a fire at high speed. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurized contents and propellant. Vapors may form explosive mixtures with air.			
Special hazards arising from th				
Unsuitable extinguishing	Do not use water jet as an extinguisher, as this will spread the fire.			
Suitable extinguishing media	The product is flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.			
Extinguishing media				
5. Fire-fighting measures				
Notes for the doctor	Treat symptomatically.			
Indication of immediate medica	al attention and special treatment needed			
Eye contact	May be slightly irritating to eyes. May cause discomfort.			
Skin contact	Redness. Irritating to skin.			
Ingestion	Due to the physical nature of this product, it is unlikely that ingestion will occur. Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.			
Inhalation	A single exposure may cause the following adverse effects: Headache. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Narcotic effect.			
General information	See Section 11 for additional information on health hazards. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.			
Most important symptoms and	Most important symptoms and effects, both acute and delayed			
Protection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue. Wash contaminated clothing thoroughly with water before removing it from the affected person, or wear gloves. It may be dangerous for first aid personnel to carry out mouth-to-mouth resuscitation.			
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 10 minutes.			
Skin Contact	Rinse with water.			
Ingestion	Rinse mouth thoroughly with water. Remove any dentures. Give a few small glasses of water or milk to drink. Stop if the affected person feels sick as vomiting may be dangerous. Do not induce vomiting unless under the direction of medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Never give anything by mouth to an unconscious person. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Place unconscious person on their side in the recovery position and ensure breathing can take place. Maintain an open airway. Loosen tight clothing such as collar, tie or belt.			
Inhalation	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place.			

Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.
Advice for firefighters	
Protective actions during firefighting	Avoid breathing fire gases or vapors. Evacuate area. Keep upwind to avoid inhalation of gases, vapors, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapors and protect men stopping the leak. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing. Standard Firefighter's clothing including helmets, protective boots and gloves, that provides a basic level of protection during chemical incidents is defined by the Canada Occupational Health and Safety Regulations, by provincial guidelines on occupational health and safety or by NFPA standards if applicable.
6. Accidental release measure	S
Personal precautions, protecti	ve equipment and emergency procedures
Personal precautions	No action shall be taken without appropriate training or involving any personal risk. Keep unnecessary and unprotected personnel away from the spillage. Wear protective clothing as described in Section 8 of this safety data sheet. Follow precautions for safe handling described in this safety data sheet. Wash thoroughly after dealing with a spillage. Do not touch or walk into spilled material. Provide adequate ventilation. No smoking, sparks, flames or other sources of ignition near spillage. Promptly remove any clothing that becomes contaminated.
Environmental precautions	
Environmental precautions	Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment. Large Spillages: Inform the relevant authorities if environmental pollution occurs (sewers, waterways, soil or air).
Methods and material for cont	ainment and cleaning up
Methods for cleaning up	Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage. Approach the spillage from upwind. Under normal conditions of handling and storage, spillages from aerosol containers are unlikely. If aerosol cans are ruptured, care should be taken due to the rapid escape of the pressurized contents and propellant. Small Spillages: Wipe up with an absorbent cloth and dispose of waste safely. Large Spillages: Absorb the spillage with an inert, dry material and place it in a suitable waste disposal container. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dangerous for the environment. Do not empty into drains. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
Reference to other sections	For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal, see Section 13.
7. Handling and storage	
Precautions for safe handling	

#### Precautions for safe handling

Usage precautions	Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs.
	Avoid exposing aerosol containers to high temperatures or direct sunlight. The product is flammable. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Avoid discharge to the aquatic environment. Do not handle until all safety precautions have been read and understood. Do not handle broken packages without protective equipment. Do not reuse empty containers. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Spray will evaporate and cool rapidly and may cause frostbite or cold burns if in contact with skin. Avoid contact with eyes. Avoid inhalation of vapors and spray/mists.
Advice on general occupational hygiene	Wash promptly if skin becomes contaminated. Take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse. Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet. Change work clothing daily before leaving workplace.
Conditions for safe storage, in	cluding any incompatibilities
Storage precautions	Store away from incompatible materials (see Section 10). Store in accordance with local regulations. Keep away from oxidizing materials, heat and flames. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated place. Keep containers upright. Protect containers from damage. Protect from sunlight. Do not store near heat sources or expose to high temperatures. Do not expose to temperatures exceeding 50°C/122°F.
Storage class	Miscellaneous hazardous material storage.
Specific end uses(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.
8. Exposure Controls/persona	I protection
Control parameters	
Control parameters Occupational exposure limits	
Control parameters	The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.
Control parameters Occupational exposure limits	The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known
Control parameters Occupational exposure limits Comments	The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.
Control parameters Occupational exposure limits Comments Ingredient comments	The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and/or the Canadian regulation on health and safety at work, SOR/86-304, Part XII (12.9), and be demonstrated to be impervious to the chemical and resist degradation. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.
Other skin and body protection	Appropriate footwear and additional protective clothing complying with an approved standard should be worn if a risk assessment indicates skin contamination is possible.
Hygiene measures	Provide eyewash station and safety shower. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reuse. Clean equipment and the work area every day. Good personal hygiene procedures should be implemented. Wash at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke. Preventive industrial medical examinations should be carried out. Warn cleaning personnel of any hazardous properties of the product.
Respiratory protection	Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Ensure all respiratory protective equipment is suitable for its intended use and is NIOSH approved. Check that the respirator fits tightly and the filter is changed regularly. Gas and combination filter cartridges should comply with OSHA 1910.134. Full face mask respirators with replaceable filter cartridges should comply with OSHA 1910.134. Half mask and quarter mask respirators with replaceable filter should comply with OSHA 1910.134. Half mask and quarter mask respirators with replaceable filter cartridges should comply with OSHA 1910.134.
Environmental exposure controls	Keep container tightly sealed when not in use.

#### 9. Physical and Chemical Properties

Information on basic physical	and chemical properties
Appearance	Aerosol.
Color	Clear.
Odor	Pleasant, agreeable.
Odor threshold	Not available.
рН	Not available.
Melting point	Not available.
Initial boiling point and range	Not available.
Flash point	Not available.
Evaporation rate	Slower than ether.
Upper/lower flammability or explosive limits	Not available.
Other flammability	Level: 3 Aerosol.
Vapor pressure	Not available.
Vapor density	> Air.
Relative density	Not available.

Solubility(ies)	Not known.
Partition coefficient	Not available.
Auto-ignition temperature	Not available.
Decomposition Temperature	Not available.
Viscosity	Not applicable.
Explosive properties	Not considered to be explosive.
Oxidizing properties	Does not meet the criteria for classification as oxidizing.
Other information	No information required.
10. Stability and reactivity	
Reactivity	See the other subsections of this section for further details.
Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
Possibility of hazardous reactions	The following materials may react strongly with the product: Oxidizing agents.
Conditions to avoid	Avoid exposing aerosol containers to high temperatures or direct sunlight. Pressurised container: may burst if heated
Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
Hazardous decomposition products	Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapors.
11. Toxicological information	
Information on toxicological eff	fects
Acute toxicity - oral Notes (oral LD₅₀)	Based on available data the classification criteria are not met.
Acute toxicity - dermal Notes (dermal LD₅o)	Based on available data the classification criteria are not met.
Acute toxicity - inhalation Notes (inhalation LC50)	Based on available data the classification criteria are not met.
Skin corrosion/irritation Animal data	Irritating.
Serious eye damage/irritation Serious eye damage/irritation	Based on available data the classification criteria are not met.
Respiratory sensitization Respiratory sensitization	Based on available data the classification criteria are not met.
Skin sensitization Skin sensitization	Based on available data the classification criteria are not met.
Germ cell mutagenicity	

Genotoxicity -	in vitro	Based on available data the classification criteria are not met.	
Carcinogenici	<u>ty</u>		
Carcinogenici	ty	Based on available data the classification criteria are not met.	
IARC carcino	genicity	None of the ingredients are listed or exempt.	
Reproductive	toxicity		
Reproductive	toxicity - fertility	Based on available data the classification criteria are not met.	
Reproductive development	toxicity -	Based on available data the classification criteria are not met.	
Specific targe	t organ toxicity - s	ingle exposure	
STOT - single	exposure	STOT SE 3 - H336 May cause drowsiness or dizziness.	
Target organs	3	Central nervous system	
Specific targe	t organ toxicity - r	epeated exposure	
STOT - repea	ted exposure	Not classified as a specific target organ toxicant after repeated exposure.	
Aspiration haz	zard		
Aspiration haz	zard	Asp. Tox. 1 - H304 May be fatal if swallowed and enters airways. Pneumonia may be the result if vomited material containing solvents reaches the lungs.	
General inforr	nation	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.	
Inhalation		A single exposure may cause the following adverse effects: Headache. Nausea, vomiting. Central nervous system depression. Drowsiness, dizziness, disorientation, vertigo. Narcotic effect.	
Ingestion		Due to the physical nature of this product, it is unlikely that ingestion will occur. Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.	
Skin Contact		Redness. Irritating to skin.	
Eye contact		May be slightly irritating to eyes. May cause discomfort.	
Route of expo	sure	Ingestion Inhalation Skin and/or eye contact	
Target Organs	S	Central nervous system	
Toxicological	Toxicological information on ingredients.		
		Hydrogenated base oil	
4	Acute toxicity - ora		
	Acute toxicity oral mg/kg)	<b>(LD₅</b> 16,750.0	
\$	Species	Rat	
/	ATE oral (mg/kg)	16,750.0	
12. Ecological	I Information		
Toxicity		Aquatic Chronic 2 - H411 Toxic to aquatic life with long lasting effects.	

Persistence and degradability

Persistence and degradability	The degradability of the product is not known.
Bioaccumulative potential Bio-Accumulative Potential	No data available on bioaccumulation.
Partition coefficient	Not available.
Mobility in soil	
Mobility	The product contains volatile organic compounds (VOCs) which will evaporate easily from all surfaces.
Other adverse effects	
Other adverse effects	None known.
13. Disposal considerations	
Waste treatment methods	
General information	The generation of waste should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. Disposal of this product, process solutions, residues and by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any local authority requirements. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.
Disposal methods	Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labeled with their contents. Incineration or landfill should only be considered when recycling is not feasible.
14. Transport information	
UN Number	
UN No. (TDG)	1950
UN No. (IMDG)	1950
UN No. (ICAO)	1950
UN No. (DOT)	1950
UN proper shipping name	
Proper shipping name (TDG)	AEROSOLS
Proper shipping name (IMDG)	AEROSOLS (CONTAINS Hydrogenated base oil)
Proper shipping name (ICAO)	AEROSOLS
Proper shipping name (DOT)	AEROSOLS
Transport hazard class(es)	
DOT hazard class	2.1
DOT hazard label	2.1
TDG class	2.1
TDG label(s)	2.1

IMDG Class	2.1	
ICAO class/division	2.1	
DOT transport labels		
FLAMMADLE GAS		
Transport labels		
2		
Packing group		
TDG Packing Group	None	
IMDG packing group	None	
ICAO packing group	None	
DOT packing group	None	
Environmental hazards		
Environmentally Hazardous S	ubstance	
Special precautions for user		
EmS	F-D, S-U	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.	
15. Regulatory information		
Regulatory References	OSHA Hazard Communication Standard 29 CFR §1910.1200 Hazardous Products Regulation (SOR/2015-17) Transportation of Dangerous Goods Regulations -SOR/2015-100.	
US Federal Regulations		
SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities None of the ingredients are listed or exempt.		
CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA) None of the ingredients are listed or exempt.		
SARA Extremely Hazardous Substances EPCRA Reportable Quantities None of the ingredients are listed or exempt.		
SARA 313 Emission Reporting None of the ingredients are listed or exempt.		
CAA Accidental Release Prevention		

None of the ingredients are listed or exempt.

SARA (311/312) Hazard Categories None of the ingredients are listed or exempt.

**OSHA Highly Hazardous Chemicals** None of the ingredients are listed or exempt.

#### **US State Regulations**

California Proposition 65 Carcinogens and Reproductive Toxins None of the ingredients are listed or exempt.

California Air Toxics "Hot Spots" (A-I) None of the ingredients are listed or exempt.

California Air Toxics "Hot Spots" (A-II) None of the ingredients are listed or exempt.

California Directors List of Hazardous Substances None of the ingredients are listed or exempt.

Massachusetts "Right To Know" List None of the ingredients are listed or exempt.

Rhode Island "Right To Know" List None of the ingredients are listed or exempt.

Minnesota "Right To Know" List None of the ingredients are listed or exempt.

New Jersey "Right To Know" List None of the ingredients are listed or exempt.

Pennsylvania "Right To Know" List None of the ingredients are listed or exempt.

#### Inventories

Canada - DSL/NDSL All the ingredients are listed or exempt.

US - TSCA All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification None of the ingredients are listed or exempt.

16. Other information

Abbreviations and acronyms used in the safety data sheet	C.A.S. = Chemical Abstracts Service; E.C. No = European Commission number; GHS = Globally Harmonised System; OSHA = Occupational Safety and Health Administration; WHMIS = Workplace Hazardous Materials Information System; DOT = Department of Transport; TDG = Transport of Dangerous Goods Regulations; IMDG = International Maritime Dangerous Goods; IATA = International Air Transport Association; SARA = Superfund Amendments and Reauthorization Act; CERCLA = Comprehensive Environmental; EPCRA = Emergency Planning and Community Right-to-Know Act; TSCA = Toxic Substances Control Act; LD/LC/EC = Lethal Dose,Lethal Concentration/Effect Concentration for 50% of population; NOEC = No Overall Effect Concentration; NOEL = No Overall Effect Level; REACH = Registration, Evaluation, Authorisation & Restriction of Chemicals; STOT-RE = Single Target Organ Toxicity - Repeat Exposure; STOT-SE= Specific Target Organ Toxicity - Single Exposure; PBT = Persistent, Bioaccumulative, Toxic; vPvB = Very Persistent, Very Bioaccumulative.
Classification abbreviations and acronyms	Aerosol = Aerosol
Key literature references and sources for data	Source: European Chemicals Agency, http://echa.europa.eu/
Training advice	Read and follow manufacturer's recommendations. Only trained personnel should use this material.
Revision date	4/4/2018
SDS No.	7374
Hazard statements in full	<ul> <li>H222 Extremely flammable aerosol.</li> <li>H225 Highly flammable liquid and vapor.</li> <li>H280 Contains gas under pressure; may explode if heated.</li> <li>H304 May be fatal if swallowed and enters airways.</li> <li>H315 Causes skin irritation.</li> <li>H336 May cause drowsiness or dizziness.</li> <li>H411 Toxic to aquatic life with long lasting effects.</li> </ul>

This 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. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.