



SAFETY DATA SHEET

Dominator® Competition Diesel Oil SAE 20W-50

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	Dominator® Competition Diesel Oil SAE 20W-50
Product number	DCO
Recommended use of the che	emical and restrictions on use
Application	Engine oil.
Uses advised against	Avoid the formation of mists.
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 numbe	<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 not Hazardous under the OSHA Hazard Communication Standard and according to the hazard criteria of the Hazardous Product Regulations.
Physical hazards	Not Classified
Health hazards	Not Classified
Environmental hazards	Aquatic Acute 3 - H402
Label elements	
Hazard statements	H402 Harmful to aquatic life.
Precautionary statements	P273 Avoid release to the environment. P501 Dispose of contents/ container in accordance with national regulations.
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: 72623-87-1	
Classification Asp. Tox. 1 - H304	
Hydrogenated base oil	10 - <25%
CAS number: 64742-55-8	
Classification	
Asp. Tox. 1 - H304	
Hydrogenated base oil	2.5 - <5%
CAS number: 64742-65-0	
Classification	
Asp. Tox. 1 - H304	
	4 0 51/
Hydrogenated base oil	1 - <2.5%
CAS number: 64742-54-7	
Classification	
Asp. Tox. 1 - H304	
bis(Nonylphenyl)amine	1 - <2.5%
CAS number: 36878-20-3	
Classification Aquatic Chronic 4 - H413	
Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium	1 - <2.5%
salts	
CAS number: 70024-69-0	
Classification	
Skin Sens. 1B - H317	
Alashala C12.16 athousidated	0.0050.05%
Alcohols, C12-16, ethoxylated CAS number: 68551-12-2	0.025 - <0.25%
M factor (Acute) = 1	
Classification	
Eye Dam. 1 - H318 Aquatic Acute 1 - H400	

Classification Skin Corr. 1C - H314 Eye Dam. 1 - H318 Repr. 1B - H360F Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 The full text for all hazard statements is display Composition comments The exact perc 4. First-aid measures Description of first aid measures General information Get medical attements. Inhalation Move affected breathing. Main Ingestion Rinse mouth thor milk to drink, induce vomiting should be kept	<pre><ctor (chronic)="10" 16.="" 1910.1200.<="" 29="" a="" accordance="" as="" cfr="" ed="" entage="" in="" is="" pre="" secret="" section="" trade="" with="" withheld=""></ctor></pre>
M factor (Acute) = 10 M factor (Acute) = 10 Classification Skin Corr. 1C - H314 Eye Dam. 1 - H318 Repr. 1B - H360F Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410 The full text for all hazard statements is display Composition comments The exact percent of first aid measures Description of first aid measures General information Get medical attements. Inhalation Move affected breathing. Main Ingestion Rinse mouth thoor milk to drink. induce vomiting should be kept Should be kept	ed in Section 16.
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Composition comments The exact percent 4. First-aid measures	
4. First-aid measures Description of first aid measures General information Get medical attraction Inhalation Move affected breathing. Main Ingestion Rinse mouth threathing. Main Induct or milk to drink, induce vomiting should be kept	entage is withheld as a trade secret in accordance with 29 CFR 1910.1200.
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Inhalation Move affected breathing. Main Ingestion Rinse mouth the or milk to drink. induce vomiting should be kept	
Ingestion Rinse mouth th or milk to drink. induce vomiting should be kept should be kept	ention if any discomfort continues. Show this Safety Data Sheet to the medical
or milk to drink induce vomiting should be kept	person to fresh air and keep warm and at rest in a position comfortable for tain an open airway. Loosen tight clothing such as collar, tie or belt.
unconscious pe	oroughly with water. Remove any dentures. Give a few small glasses of water Stop if the affected person feels sick as vomiting may be dangerous. Do not g unless under the direction of medical personnel. If vomiting occurs, the head low so that vomit does not enter the lungs. Never give anything by mouth to an erson. Maintain an open airway. Loosen tight clothing such as collar, tie or belt.
Skin Contact Rinse with wate	er.
•	tely with plenty of water. Remove any contact lenses and open eyelids wide to rinse for at least 10 minutes.
Protection of first aiders First aid person	nel should wear appropriate protective equipment during any rescue.
Most important symptoms and effects, both act	ite and delayed
	for additional information on health hazards. The severity of the symptoms ary dependent on the concentration and the length of exposure.
Inhalation Prolonged inha	lation of high concentrations may damage respiratory system.
•	I symptoms, including upset stomach. Fumes from the stomach contents may ulting in the same symptoms as inhalation.
Skin contact Prolonged cont	act may cause dryness of the skin.
Eye contact May cause term	porary eye irritation.
Indication of immediate medical attention and s	pecial treatment needed
Notes for the doctor Treat symptom	atically.
Specific treatments No special trea	
5. Fire-fighting measures	tment required.
Extinguishing media	tment required.

Suitable extinguishing media	The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Special hazards arising from the	he substance or mixture
Specific hazards	Containers can burst violently or explode when heated, due to excessive pressure build-up.
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. 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.
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, protection	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. Use protective equipment appropriate for surrounding materials.
Environmental precautions	
Environmental precautions	Harmful to aquatic life. Avoid discharge to the aquatic environment. Avoid discharge into drains or watercourses or onto the ground.
Methods and material for conta	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. Reuse or recycle products wherever possible. 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. Dispose of contents/container in accordance with national regulations.
Reference to other sections	For personal protection, see Section 8. For waste disposal, see Section 13.
7. Handling and storage	
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. Handle all packages and containers carefully to minimize spills. Keep container tightly sealed when not in use. Avoid contact with used product. Do not reuse empty containers. Avoid the formation of 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, including any incompatibilities		
Storage precautions	Store away from incompatible materials (see Section 10). Keep container tightly closed, in a cool, well ventilated place. Protect containers from damage.	
Storage class	Chemical storage.	
Specific end uses(s)		
Specific end use(s)	The identified uses for this product are detailed in Section 1.	
8. Exposure Controls/personal protection		
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.	
Under conditions which may generate mists, the following exposure limits are recommended: Long-term exposure limit (8-hour TWA): 5 mg/10m ³		
Short-term exposure limit (15	-minute): 10 mg/m³	
Exposure controls		
	Provide adequate ventilation. Good general ventilation should be adequate to control worker	

Appropriate engineering controls	Provide adequate ventilation. Good general ventilation should be adequate to control worker exposure to airborne contaminants.
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Personal protective equipment for eye and face protection should comply with OSHA 1910.133 and/or the Canadian regulation on health and safety at work, SOR/86-304, Part XII (12.6), and any relevant provincial regulation relating to health and safety at work. The following protection should be worn: Chemical splash goggles.
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.
Respiratory protection	Respiratory protection complying with an approved standard should be worn if a risk assessment indicates inhalation of contaminants is possible. Provide adequate ventilation. Large Spillages: If ventilation is inadequate, suitable respiratory protection must be worn.

Dominator® Competition Diesel Oil SAE 20W-50

Environmental exposure	Not regarded as dangerous for the environment.
controls	

9. Physical and Chemical Properties		
Information on basic physical and chemical properties		
Appearance	Liquid.	
Color	Brown.	
Odor	Mild hydrocarbon.	
Odor threshold	Not available.	
рН	Not available.	
Melting point	Not available.	
Initial boiling point and range	Not available.	
Flash point	254°C Cleveland open cup. [ASTM D 92]	
Evaporation rate	Not available.	
Upper/lower flammability or explosive limits	Not available.	
Vapor pressure	Not available.	
Vapor density	Not available.	
Relative density	0.8649	
Solubility(ies)	Not known.	
Partition coefficient	Not available.	
Auto-ignition temperature	Not available.	
Decomposition Temperature	Not available.	
Viscosity	137.5 cSt @ 40°C 18.5 cSt @ 100°C [ASTM D 445]	
Explosive properties	Not considered to be explosive.	
Oxidizing properties	Does not meet the criteria for classification as oxidizing.	
Fire point	266°C Cleveland open cup. [ASTM D 92]	
Pour point	-37°C [ASTM D 97]	
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	No potentially hazardous reactions known.	
Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation.	

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. Carbon dioxide (CO2). Carbon monoxide (CO).

11. Toxicological information

Information on toxicological effects **Toxicological effects** Not regarded as a health hazard under current legislation. Acute toxicity - oral Notes (oral LD₅₀) Based on available data the classification criteria are not met. Acute toxicity - dermal Notes (dermal LD₅₀) 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 Based on available data the classification criteria are not met. 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. Carcinogenicity Carcinogenicity Based on available data the classification criteria are not met. IARC carcinogenicity None of the ingredients are listed or exempt. Reproductive toxicity Reproductive toxicity - fertility Based on available data the classification criteria are not met. Reproductive toxicity -Based on available data the classification criteria are not met. development Specific target organ toxicity - single exposure STOT - single exposure Not classified as a specific target organ toxicant after a single exposure. Specific target organ toxicity - repeated exposure STOT - repeated exposure Not classified as a specific target organ toxicant after repeated exposure. Aspiration hazard Based on available data the classification criteria are not met. Aspiration hazard General information No specific health hazards known. The severity of the symptoms described will vary

dependent on the concentration and the length of exposure.

Inhalation	Prolonged inhalation of high concentrations may damage respiratory system.
Ingestion	Gastrointestinal symptoms, including upset stomach. Fumes from the stomach contents may be inhaled, resulting in the same symptoms as inhalation.
Skin Contact	Prolonged contact may cause dryness of the skin.
Eye contact	May cause temporary eye irritation.
Route of exposure	Ingestion Inhalation Skin and/or eye contact
Target Organs	No specific target organs known.
Medical considerations	Skin disorders and allergies.

Toxicological information on ingredients.

Hydrogenated base oil

Acute toxicity - oral			
Notes (oral LD₅₀)	LD_{50} > 5000 mg/kg, Oral, Rat Read-across data. REACH dossier information.		
Acute toxicity - dermal			
Notes (dermal LD₅₀)	LD_{50} > 5000 mg/kg, Dermal, Rabbit Read-across data. REACH dossier information.		
Acute toxicity - inhalation			
Notes (inhalation LC_{50})	LC₅₀ > 5.53 mg/l, Inhalation, Rat 4 hours Read-across data. REACH dossier information.		
Skin corrosion/irritation			
Animal data	Dose: 0.5 ml, 24 hours, Rabbit Erythema/eschar score: Very slight erythema - barely perceptible (1). Edema score: No oedema (0). Read-across data. REACH dossier information. Not irritating.		
Serious eye damage/irritati	Serious eye damage/irritation		
Serious eye damage/irritation	Dose: 0.1 ml, 30 seconds, Rabbit Cornea score: 0 Iris score: 0 Conjunctivae score: 0.33 Read-across data. REACH dossier information.		
Skin sensitization			
Skin sensitization	Buehler test - Guinea pig: Not sensitizing. Read-across data. REACH dossier information.		
Germ cell mutagenicity			
Genotoxicity - in vitro	Chromosome aberration: Negative. Read-across data. REACH dossier information.		
Reproductive toxicity			
Reproductive toxicity - fertility	Screening - NOAEL > 1000 mg/kg/day, Oral, Rat P Read-across data. REACH dossier information.		
Specific target organ toxicity - repeated exposure			
STOT - repeated exposure	LOAEL 125 mg/kg/day, Oral, Rat Read-across data. REACH dossier information.		
Aspiration hazard			
Aspiration hazard	Aspiration hazard if swallowed.		
	Hydrogenated base oil		

Acute toxicity - oral

	Notes (oral LD₅₀)	LD₅₀ >5000 mg/kg, Oral, Rat REACH dossier information. Based on available data the classification criteria are not met.	
	Acute toxicity - dermal		
	Notes (dermal LD₅₀)	LD₅₀ >2000 mg/kg, Dermal, Rabbit REACH dossier information. Based on available data the classification criteria are not met.	
	Acute toxicity - inhalation		
	Notes (inhalation LC_{50})	LC_{50} 2.18 mg/l, Inhalation, Rat REACH dossier information. Based on available data the classification criteria are not met.	
	Skin corrosion/irritation		
	Animal data	Dose: 0.5 ml, 24 hours, Rabbit Primary dermal irritation index: 2.34 / 4 REACH dossier information. Not irritating.	
	Serious eye damage/irritat	ion	
	Serious eye damage/irritation	Dose: 0.1 ml, 1 second, Rabbit REACH dossier information. Not irritating.	
	Skin sensitization		
	Skin sensitization	Buehler test - Guinea pig: Not sensitizing. REACH dossier information.	
	Germ cell mutagenicity		
	Genotoxicity - in vitro	Chromosome aberration: Negative. REACH dossier information.	
	Genotoxicity - in vivo	Chromosome aberration: Negative. REACH dossier information.	
	Reproductive toxicity		
	Reproductive toxicity - fertility	Screening - NOAEL ≥ 1000 mg/kg/day, Oral, Rat P	
	Reproductive toxicity - development	Maternal toxicity: - LOAEL: 125 mg/kg/day, Dermal, Rat REACH dossier information.	
12. Ecological Information			
Toxicity	Toxicity Harmful to aquatic life.		
Ecological	information on ingredients.		
		Hydrogenated base oil	
	Acute aquatic toxicity		
	Acute toxicity - fish	LL₅₀, 96 hours: > 100 mg/l, Pimephales promelas (Fat-head Minnow)	
	Acute toxicity - aquatic invertebrates	EL₅₀, 48 hours: > 10000 mg/l, Daphnia magna	
	Acute toxicity - aquatic plants	NOEL, 72 hours: > 100 mg/l, Pseudokirchneriella subcapitata	
		Hydrogenated base oil	

Toxicity

Aquatic toxicity is unlikely to occur.

Acute aquatic toxicity

	Acute toxicity - fi	sh	LL_{50} , 96 hours: > 100 mg/l, Pimephales promelas (Fat-head Minnow) REACH dossier information.		
	Acute toxicity - a invertebrates	quatic	LL₅₀, 24 hours: > 10 000 mg/l, Gammarus pulex REACH dossier information.		
	Acute toxicity - a plants	quatic	NOEL, 72 hours: ≥ 100 mg/l, Pseudokirchneriella subcapitata REACH dossier information.		
	Acute toxicity - microorganisms		NOEL, 10 minutes: > 1.93 mg/l, REACH dossier information.		
	Chronic aquatic t	toxicity			
	Chronic toxicity - invertebrates	aquatic	NOEL, 21 days: 10 mg/l, Daphnia magna REACH dossier information.		
Persistence	and degradability				
Persistence	and degradability	The deg	radability of the product is not known.		
Ecological i	nformation on ingr	edients.			
			Hydrogenated base oil		
			Tydiogenated base on		
	Biodegradation		Water - Degradation 31%: 28 days Inherently biodegradable.		
			Hydrogenated base oil		
	Persistence and degradability		The product is not biodegradable.		
	Biodegradation		Water - Degradation 2-8%: 28 days		
Bioaccumul	ative potential				
Bio-Accumu	ulative Potential	No data	available on bioaccumulation.		
Partition co	efficient	Not avai	lable.		
Ecological information on ingredients.					
			Hydrogenated base oil		
	Bio-Accumulative	e Potential	The product contains potentially bioaccumulating substances.		
Mobility in s			p. saast containe potentiany bioaccurring substantous.		
Mobility		No data	available		
-	No data available.				
	Inormation on ingr				
			Hydrogenated base oil		
	Mobility		The product is insoluble in water.		
Other adver	rse effects				
Other adver	rse effects	None kn	own.		
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. Avoid discharge into drains or watercourses or onto the ground. 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.				
Disposal methods	Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste packaging should be collected for reuse or recycling. Incineration or landfill should only be considered when recycling is not feasible. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of the local water authority.				
14. Transport information					
General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DOT, TDG).				
UN Number					
Not applicable.					
UN proper shipping name					
Not applicable.					
Transport hazard class(es)					
Transport labels					
No transport warning sign required.					
Packing group					
Not applicable.					
Environmental hazards					
Environmentally Hazardaya Subatanaa					

Environmentally Hazardous Substance No.

Special precautions for user

Not applicable.

DOT TIH Zone Not applicable.

Transport in bulk according to Not applicable. Annex II of MARPOL 73/78 and the IBC Code

15. Regulatory	information
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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

The following ingredients are listed or exempt:

Zinc O,O,O',O'-tetrakis(1,3-dimethylbutyl) bis(phosphorodithioate) 1.0 %

Zinc alkyldithiophosphate 1.0 %

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

The following ingredients are listed or exempt:

Hydrogenated base oil

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.

12/13

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.				
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	1/16/2018				
Revision	1				
Supersedes date	11/3/2017				
SDS No.	6393				
Hazard statements in full	 H304 May be fatal if swallowed and enters airways. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H360F May damage fertility. H400 Very toxic to aquatic life. H402 Harmful to aquatic life. H410 Very toxic to aquatic life with long lasting effects. H413 May cause long lasting harmful effects to aquatic life. 				

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.