

Version 1.3

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SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name	: Startex Paint Thinner

Recommended use of the chemical and restrictions on use

Recommended use : Thinner

Manufacturer or supplier's details

Company	Nexeo Solutions LLC - STARTEX™
Address	3 Waterway Square Place Suite 1000
	The Woodlands, TX. 77380
	United States of America
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Emergency telephone number:

Health North America: 1-855-NEXEO4U (1-855-639-3648) Health International: 1-855-NEXEO4U (1-855-639-3648) Transport North America: CHEMTREC (1-800-424-9300)

Additional Information: : Responsible Party: Product Safety Group E-Mail: msds@nexeosolutions.com SDS Requests: 1-855-429-2661 SDS Requests Fax: 1-281-500-2370 Website: www.nexeosolutions.com

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification	
Flammable liquids	: Category 3
Skin irritation	: Category 2
Eye irritation	: Category 2A
Germ cell mutagenicity	: Category 1B
Carcinogenicity	: Category 1B
Carcinogenicity	: Category 2
Specific target organ toxicity - single exposure	: Category 3 (Central nervous system)
Specific target organ toxicity - repeated exposure	: Category 1 (Central nervous system)
Aspiration hazard	: Category 1

GHS Label element



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Hazard pictograms	
Signal word	: Danger
Hazard statements	 H226 Flammable liquid and vapour. H304 May be fatal if swallowed and enters airways. H315 Causes skin irritation. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. H340 May cause genetic defects. H351 Suspected of causing cancer. H372 Causes damage to organs (Central nervous system) through prolonged or repeated exposure.
Precautionary statements	 Prevention: P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P210 Keep away from heat/sparks/open flames/hot surfaces. No smoking. P233 Keep container tightly closed. P240 Ground/bond container and receiving equipment. P241 Use explosion-proof electrical/ ventilating/ lighting/ equipment. P242 Use only non-sparking tools. P243 Take precautionary measures against static discharge. P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray. P264 Wash skin thoroughly after handling. P270 Do not eat, drink or smoke when using this product. P271 Use only outdoors or in a well-ventilated area. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. Response: P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower. P304 + P340 + P312 IF INHALED: Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/ physician if you feel unwell. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P308 + P313 IF exposed or concerned: Get medical advice/ attention. P331 Do NOT induce vomiting. P332 + P313 If skin irritation occurs: Get medical advice/ attention. P337 + P313 If eye irritation persists: Get medical advice/ attention. P362 Take off contaminated clothing and wash before reuse.



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	 P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish. Storage: P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P403 + P235 Store in a well-ventilated place. Keep cool. P405 Store locked up. Disposal: P501 Dispose of contents/ container to an approved waste disposal plant. 		

None known.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous components

CAS-No.	Chemical Name	Weight %
64742-47-8 /	Distillates (pet), hydrotreated light AND/OR Sol-	70 - 90
64742-88-7	vent naphtha (pet), med aliph.	
8052-41-3	Stoddard solvent	20 - 30
1330-20-7	**Mixed Xylenes	1 - 5
95-63-6	**1,2,4-trimethylbenzene	1 - 5
111-84-2	**Nonane	1 - 5
100-41-4	**Ethylbenzene	0.1 - 1
91-20-3	**Naphthalene	0.1 - 1

Any Concentration shown as a range is due to batch variation.

Special Notes:

: ** Other substances in the product which may present a health or environmental hazard.

SECTION 4. FIRST AID MEASURES

General advice	 Move out of dangerous area. Show this safety data sheet to the doctor in attendance. Symptoms of poisoning may appear several hours later. Do not leave the victim unattended. 	
If inhaled	: Consult a physician after significant exposure. If unconscious place in recovery position and seek medical advice.	
In case of skin contact	 If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes. 	
In case of eye contact	: Immediately flush eye(s) with plenty of water. Remove contact lenses.	



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	Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
If swallowed	 Keep respiratory tract clear. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious person. If symptoms persist, call a physician. Take victim immediately to hospital.

SECTION 5. FIREFIGHTING MEASURES

Suitable extinguishing media	:	Alcohol-resistant foam Carbon dioxide (CO2) Dry chemical
Unsuitable extinguishing media	:	High volume water jet
Specific hazards during fire- fighting	:	Do not allow run-off from fire fighting to enter drains or water courses.
Hazardous combustion prod- ucts	:	No hazardous combustion products are known
Specific extinguishing meth- ods	:	Use a water spray to cool fully closed containers.
Further information	:	Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. For safety reasons in case of fire, cans should be stored sepa- rately in closed containments.
Special protective equipment for firefighters	:	Wear self-contained breathing apparatus for firefighting if nec- essary.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protec- tive equipment and emer- gency procedures	 Use personal protective equipment. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentra- tions. Vapours can accumulate in low areas.
Environmental precautions	 Prevent product from entering drains. Prevent further leakage or spillage if safe to do so. If the product contaminates rivers and lakes or drains inform



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	respective authorities.
Methods and materials for containment and cleaning up	: Contain spillage, and then collect with non-combustible ab- sorbent material, (e.g. sand, earth, diatomaceous earth, ver- miculite) and place in container for disposal according to local / national regulations (see section 13).
CTION 7. HANDLING AND STOP	RAGE
Advice on protection against fire and explosion	: Do not spray on a naked flame or any incandescent material. Take necessary action to avoid static electricity discharge (which might cause ignition of organic vapours). Keep away from open flames, hot surfaces and sources of ignition.
Advice on safe handling	 Avoid formation of aerosol. Do not breathe vapours/dust. Avoid exposure - obtain special instructions before use. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Take precautionary measures against static discharges. Provide sufficient air exchange and/or exhaust in work rooms. Open drum carefully as content may be under pressure. Dispose of rinse water in accordance with local and national regulations.
Conditions for safe storage	 No smoking. Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

CAS-No.	Components	Value type (Form of exposure)	Control parame- ters / Permissible concentration	Basis
64742-47-8 / 64742-88-7	Distillates (pet), hydrotreated light AND/OR Solvent naphtha (pet), med aliph.	TWA	500 ppm 2,000 mg/m3	OSHA Z-1
		TWA	200 mg/m3 (total hydrocarbon vapor)	ACGIH
		TWA	400 ppm 1,600 mg/m3	OSHA P0
8052-41-3	Stoddard solvent	TWA	100 ppm	ACGIH



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		TWA	350 mg/m3	NIOSH REL
		С	1,800 mg/m3	NIOSH REL
		TWA	500 ppm	OSHA Z-1
			2,900 mg/m3	
		TWA	100 ppm	OSHA P0
			525 mg/m3	
1330-20-7	**Mixed Xylenes	TWA	100 ppm	OSHA Z-1
	-		435 mg/m3	
		STEL	150 ppm	OSHA P0
			655 mg/m3	
		TWA	100 ppm	OSHA P0
			435 mg/m3	
		TWA	100 ppm	ACGIH
		STEL	150 ppm	ACGIH
95-63-6	**1,2,4-trimethylbenzene	TWA	25 ppm	NIOSH REL
1			125 mg/m3	
		TWA	25 ppm	ACGIH
		TWA	25 ppm	OSHA P0
			125 mg/m3	
111-84-2	**Nonane	TWA	200 ppm	ACGIH
		TWA	200 ppm	NIOSH REL
			1,050 mg/m3	
		TWA	200 ppm	OSHA P0
			1,050 mg/m3	
100-41-4	**Ethylbenzene	TWA	20 ppm	ACGIH
		TWA	100 ppm	NIOSH REL
			435 mg/m3	
		ST	125 ppm	NIOSH REL
			545 mg/m3	
		TWA	100 ppm	OSHA Z-1
			435 mg/m3	
		TWA	100 ppm	OSHA P0
			435 mg/m3	
		STEL	125 ppm	OSHA P0
			545 mg/m3	
91-20-3	**Naphthalene	TWA	10 ppm	ACGIH
		TWA	10 ppm	NIOSH REL
			50 mg/m3	
		ST	15 ppm	NIOSH REL
			75 mg/m3	
		TWA	10 ppm	OSHA Z-1
			50 mg/m3	
		TWA	10 ppm	OSHA P0
			50 mg/m3	
		STEL	15 ppm	OSHA P0
			75 mg/m3	

Personal protective equipment

Respiratory protection

: No personal respiratory protective equipment normally required. In the case of vapour formation use a respirator with an approved filter.



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: The suitability for a specific workplace should be discussed with the producers of the protective gloves.
 Eye wash bottle with pure water Tightly fitting safety goggles Wear face-shield and protective suit for abnormal processing problems.
: Impervious clothing Choose body protection according to the amount and concen- tration of the dangerous substance at the work place.
: When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	quid	
Colour	ear, colourless	
Odour	ild, characteristic	
Odour Threshold	o data available	
рН	o data available	
Freezing Point	o data available	
Boiling Point (Boiling point/boiling range)	58 - 198 °C (316 - 38	3 °F)
Flash point	9.44 - 45 °C (102.99 - lethod: Tag closed cu	
Evaporation rate	o data available	
Flammability (solid, gas)	o data available	
Upper explosion limit	o data available	
Lower explosion limit	o data available	
Vapour pressure	.0083 PSI @ 20 °C (6	8 °F)
Relative vapour density	o data available	
Relative density	.775 - 0.784 @ 20 °C eference substance:	



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: No data available
: Negligible
: No data available
: No data available
: 276 °C
: No data available
: 100.0 % / 781.27 g/l / 6.52 lb/gal
: 0.0 % / 0.00 g/l / 0.00 lb/gal
: 0.0083 PSI : 0.0 % / 0.00 g/l / 0.00 lb/gal

SECTION 10. STABILITY AND REACTIVITY

Reactivity	No dangerous reaction known under conditions of normal use.	
Chemical stability	Stable under normal conditions.	
Possibility of hazardous reac- tions	Vapours may form explosive mixture with air.	
Conditions to avoid	Keep away from heat, flame, sparks and other ignition sources.	
Incompatible materials	Oxidizing agents Peroxides Reducing agents Strong bases	
Hazardous decomposition products	Carbon oxides	

SECTION 11. TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute dermal toxicity

: Acute toxicity estimate: 2,505 mg/kg



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<u>Components:</u> 64742-47-8 / 64742-88-7: Acute oral toxicity	: LD50 (Rat): > 5,000 mg/kg
Acute inhalation toxicity	: Remarks: No data available
Acute dermal toxicity	 LD50 (Rabbit, male and female): > 2,000 mg/kg Assessment: The substance or mixture has no acute dermal toxicity
Skin corrosion/irritation	
Product: Result: Irritating to skin.	
<u>Components:</u> 64742-47-8 / 64742-88-7: Species: Rabbit Exposure time: 24 h Result: Irritating to skin.	
Serious eye damage/eye ir	ritation
Product: Result: Irritating to eyes.	
<u>Components:</u> 64742-47-8 / 64742-88-7: Species: Rabbit Result: Irritating to eyes.	
Respiratory or skin sensiti	sation
Components: 64742-47-8 / 64742-88-7: Test Type: Buehler Test Species: Guinea pig Result: Did not cause sensiti	sation on laboratory animals.
Germ cell mutagenicity	
Components: 64742-47-8 / 64742-88-7: Germ cell mutagenicity - Assessment	: Tests on bacterial or mammalian cell cultures did not show mutagenic effects.
8052-41-3: Germ cell mutagenicity - Assessment	: Positive result(s) from mutagenicity tests in mammals. Evi- dence that the substance has potential to cause mutations to germ cells



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Carcinogenicity		
Components: 64742-47-8 / 64742-88-7: Carcinogenicity - Assess- ment	: Not classifiable as a human carcinogen.	
8052-41-3: Carcinogenicity - Assess- ment	: Possible human carcinogen	
IARC	Group 2B: Possibly carcinogenic to humans	
	100-41-4	**Ethylbenzene
	91-20-3	**Naphthalene
OSHA	No component of this product present at levels equal to 0.1% is identified as a carcinogen or p gen by OSHA.	
NTP	Reasonably anticipated to be a human carcino	gen
	91-20-3	**Naphthalene
ACGIH	Confirmed animal carcinogen with unknown rel mans	evance to hu-
	100-41-4	**Ethylbenzene
Reproductive toxicity		
<u>Components:</u> 64742-47-8 / 64742-88-7: Reproductive toxicity - As- sessment	Animal testing did not show any effects on fe	ertility.
Teratogenicity - Assessment	: Embryotoxicity classification not possible fro	m current data.
8052-41-3: Reproductive toxicity - As- sessment	Fertility classification not possible from curre	ent data.
Teratogenicity - Assessment	: Embryotoxicity classification not possible fro	m current data.
STOT - single exposure		
Components:		

64742-47-8 / 64742-88-7: Exposure routes: Inhalation Target Organs: Central nervous system Assessment: May cause drowsiness or dizziness., The substance or mixture is classified as



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specific target organ toxicant, single exposure, category 3 with narcotic effects.

STOT - repeated exposure

Components:

8052-41-3:

Target Organs: Central nervous system Assessment: The substance or mixture is classified as specific target organ toxicant, repeated exposure, category 1.

Aspiration toxicity

Product:

May be fatal if swallowed and enters airways.

Components:

64742-47-8 / 64742-88-7: May be fatal if swallowed and enters airways.

Further information

Product:

Remarks: Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting. Concentrations substantially above the TLV value may cause narcotic effects. Solvents may degrease the skin.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

<u>Components:</u> 64742-47-8 / 64742-88-7: Toxicity to fish	 LL50 (Oncorhynchus mykiss (rainbow trout)): 2 mg/l Exposure time: 96 h Test Type: semi-static test
Toxicity to daphnia and other aquatic invertebrates	: EL50 (Daphnia magna (Water flea)): 1.4 mg/l Exposure time: 48 h Test Type: static test
Toxicity to algae	 EL50 (Pseudokirchneriella subcapitata (green algae)): 1 mg/l End point: Growth rate Exposure time: 72 h Test Type: static test
Acute aquatic toxicity- As- sessment	: Toxic to aquatic life.
Chronic aquatic toxicity- As-	: Toxic to aquatic life with long lasting effects.



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sessment

Persistence and degradability

Components:

64742-47-8 / 64742-88-7: Biodegradability	: aerobic Biodegradation: 61 % Exposure time: 28 d Remarks: Readily biodegradable
Bioaccumulative potential	
Components: 1330-20-7: Partition coefficient: n- octanol/water	: log Pow: 2.77 - 3.15
95-63-6: Partition coefficient: n- octanol/water	: Remarks: No data available
91-20-3: Partition coefficient: n- octanol/water	: log Pow: 3.4 (25 °C) pH: 7 - 7.5
Mobility in soil No data available	
Other adverse effects	
Product:	
Ozone-Depletion Potential	: Regulation: 40 CFR Protection of Environment; tection of Stratospheric Ozone - CAA Section 6

Ozone-Depletion Potential	:	Regulation: 40 CFR Protection of Environment; Part 82 Pro- tection of Stratospheric Ozone - CAA Section 602 Class I Substances Remarks: This product neither contains, nor was manufac- tured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).
Additional ecological infor- mation	:	An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Toxic to aquatic life with long lasting effects.

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods	
Waste from residues	 Dispose of in accordance with all applicable local, state and federal regulations. For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact



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	NEXEO's Environmental Services Group at 800-637-7922.
Contaminated packaging	: Empty remaining contents. Dispose of as unused product. Do not re-use empty containers. Do not burn, or use a cutting torch on, the empty drum.

SECTION 14. TRANSPORT INFORMATION

DOT (Department of Transportation):

UN1263, PAINT RELATED MATERIAL, 3, III

IATA (International Air Transport Association):

UN1263, PAINT RELATED MATERIAL, 3, III

IMDG (International Maritime Dangerous Goods):

UN1263, PAINT RELATED MATERIAL, 3, III, Marine Pollutant (MIXTURE OF PETROLEUM DISTILLATES) (PETROLEUM DISTILLATE, HYDROTREATED LIGHT, STODDARD SOLVENT), Flash Point:39.44 - 45 °C(102.99 - 113 °F)

Special Notes:: The flash point for this material is greater than 100 F (38 C).
Therefore, in accordance with 49 CFR 173.150(f) non-bulk
containers (<450L or <119 gallon capacity) of this material
may be shipped as non-regulated when transported solely by
land, as long as the material is not a hazardous waste, a ma-
rine pollutant, or specifically listed as a hazardous substance.

SECTION 15. REGULATORY INFORMATION

WHMIS Classification	: B3: Combustible Liquid
	D2A: Very Toxic Material Causing Other Toxic Effects
	D2B: Toxic Material Causing Other Toxic Effects

EPCRA - Emergency Planning and Community Right-to-Know Act

CERCLA Reportable Quantity

Components	CAS-No.	Component RQ	Calculated product RQ
		(lbs)	(lbs)
**Mixed Xylenes	1330-20-7	100	2505

SARA 304 Extremely Hazardous Substances Reportable Quantity

This material does not contain any components with a section 304 EHS RQ.

SARA 311/312 Hazards	:	Fire Hazard Chronic (Delayed) Health Hazard Immediate (Acute) Health Hazard
SARA 302	:	No chemicals in this material are subject to the reporting re- quirements of SARA Title III, Section 302.



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SARA 313	: The following components are subject to reporting levels es- tablished by SARA Title III, Section 313:			
	95-63-6	**Mixed Xylenes **1,2,4-trimethylbenzene **Ethylbenzene		
		**Naphthalene		
Clean Air Act				
The following chemical(s) are listed as HAP under	the U.S. Clean Air Act, Section 12 (40 CFR 61):		
1330-20-7	**Mixed Xylenes			
100-41-4	**Ethylbenzene			
91-20-3	**Naphthalene			
98-82-8	**Cumene			
108-88-3	**Toluene			
71-43-2	**Benzene			
The following chemical(s	,	the U.S. Clean Air Act, Section 12 (40 CFR 61):		
1330-20-7	**Mixed Xylenes			
100-41-4	**Ethylbenzene			
91-20-3	**Naphthalene			
98-82-8	**Cumene			
108-88-3	**Toluene			
71-43-2	**Benzene	under the U.S. Clean Air Act Section 112(r) for Accide		
VOC's (40 CFR 60.489):) are listed under the U.S.	Clean Air Act Section 111 SOCMI Intermediate or Fin		
1330-20-7	**Mixed Xylenes			
100-41-4	**Ethylbenzene			
98-82-8	**Cumene			
108-88-3	**Toluene			
71-43-2	**Benzene			
Clean Water Act				
-		der the U.S. CleanWater Act, Section 311, Table 116.4		
1330-20-7	**Mixed Xylenes			
100-41-4	**Ethylbenzene			
91-20-3	**Naphthalene			
108-88-3	**Toluene			
71-43-2	**Benzene			
The following Hazardous 1330-20-7	**Mixed Xylenes	er the U.S. CleanWater Act, Section 311, Table 117.3:		
100-41-4	**Ethylbenzene			
91-20-3	**Naphthalene			
108-88-3	**Toluene			
71-43-2	**Benzene			
This product does not co		isted under the U.S. Clean Water Act Section 307		
US State Regulations				
Massachusetts Right T	o Know			
8052-41		nt 20 - 30 %		

8052-41-3	Stoddard solvent	20 - 30 %
1330-20-7	**Mixed Xylenes	1 - 5 %
95-63-6	**1,2,4-trimethylbenzene	1 - 5 %
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	111-84-2	**Nonane	1 - 5 %
	71-43-2	**Benzene	0 - 0.1 %
Pennsylvania	a Right To Know		
	64742-47-8 / 64742-88-7	Distillates (pet), hydrotreated light AND/OR Solvent naphtha (pet), med aliph.	70 - 90 %
	8052-41-3	Stoddard solvent	20 - 30 %
	1330-20-7	**Mixed Xylenes	1 - 5 %
	95-63-6	**1,2,4-trimethylbenzene	1 - 5 %
	111-84-2	**Nonane	1 - 5 %
	100-41-4	**Ethylbenzene	0.1 - 1 %
	91-20-3	**Naphthalene	0.1 - 1 %
	98-82-8	**Cumene	0 - 0.1 %
	108-88-3	**Toluene	0 - 0.1 %
	71-43-2	**Benzene	0 - 0.1 %
New Jersey F	Right To Know		
	64742-47-8 / 64742-88-7	Distillates (pet), hydrotreated light AND/OR Solvent naphtha (pet), med aliph.	70 - 90 %
	8052-41-3	Stoddard solvent	20 - 30 %
	1330-20-7	**Mixed Xylenes	1 - 5 %
	95-63-6	**1,2,4-trimethylbenzene	1 - 5 %
	111-84-2	**Nonane	1 - 5 %
	100-41-4	**Ethylbenzene	0.1 - 1 %
	91-20-3	**Naphthalene	0.1 - 1 %
California Prop 65		WARNING! This product contains a chemic State of California to cause birth defects or harm.	
	108-88-3	**Toluene	
	71-43-2	**Benzene WARNING! This product contains a chemic	al known to the
		State of California to cause cancer.	
	100-41-4	**Ethylbenzene	
	91-20-3	**Naphthalene	
	98-82-8	**Cumene	
	71-43-2	**Benzene	
The compone	ents of this produ	uct are reported in the following inventories	5:
TSCA	•	: On TSCA Inventory	
DSL :		All components of this product are on the Canadian DSL	
	: On the inventory, or in compliance with the inventory		
AICS		: On the inventory, or in compliance with the inventory	
AICS KECI		: On the inventory, or in compliance with the	inventory
		On the inventory, or in compliance with theOn the inventory, or in compliance with the	



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SECTION16. OTHER INFORMATION



The information accumulated is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made become available subsequently to the date hereof, we do not assume any responsibility for the results of its use. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances. This MSDS has been prepared by NEXEO[™] Solutions EHS Product Safety Department (1-855-429-2661) MSDS@nexeosolutions.com.

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Material number:

16067564, 16067563, 16067562, 16067561, 16067560, 16067559, 16067558, 16067557, 16056402, 16056401, 16056400, 16056399, 16056398, 16056397, 16056396, 16056395, 16056394

Key or lege	Key or legend to abbreviations and acronyms used in the safety data sheet				
ACGIH	American Conference of Gov- ernment Industrial Hygienists	LD50	Lethal Dose 50%		
AICS	Australia, Inventory of Chemical Substances	LOAEL	Lowest Observed Adverse Effect Level		
DSL	Canada, Domestic Substances List	NFPA	National Fire Protection Agency		
NDSL	Canada, Non-Domestic Sub- stances List	NIOSH	National Institute for Occupational Safety & Health		
CNS	Central Nervous System	NTP	National Toxicology Program		
CAS	Chemical Abstract Service	NZIoC	New Zealand Inventory of Chemicals		
EC50	Effective Concentration	NOAEL	No Observable Adverse Effect Level		
EC50	Effective Concentration 50%	NOEC	No Observed Effect Concentration		
EGEST	EOSCA Generic Exposure Sce- nario Tool	OSHA	Occupational Safety & Health Administra- tion		
EOSCA	European Oilfield Specialty Chemicals Association	PEL	Permissible Exposure Limit		
EINECS	European Inventory of Existing Chemical Substances	PICCS	Philippines Inventory of Commercial Chemical Substances		



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MAK	Germany Maximum Concentra- tion Values	PRNT	Presumed Not Toxic
GHS	Globally Harmonized System	RCRA	Resource Conservation Recovery Act
>=	Greater Than or Equal To	STEL	Short-term Exposure Limit
IC50	Inhibition Concentration 50%	SARA	Superfund Amendments and Reauthori- zation Act.
IARC	International Agency for Research on Cancer	TLV	Threshold Limit Value
IECSC	Inventory of Existing Chemical Substances in China	TWA	Time Weighted Average
ENCS	Japan, Inventory of Existing and New Chemical Substances	TSCA	Toxic Substance Control Act
KECI	Korea, Existing Chemical Invento- ry	UVCB	Unknown or Variable Composition, Com- plex Reaction Products, and Biological Materials
<=	Less Than or Equal To	WHMIS	Workplace Hazardous Materials Infor- mation System
LC50		Lethal Conce	entration 50%