nexeo™ solutions

SAFETY DATA SHEET

Revision Date: 05/02/2013
Print Date: 3/16/2015
MSDS Number: 000000138269
Version: 1.3

INDUSTRIAL SOLVENT CLEANER
16063099

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Nexeo Solutions	Regulatory Information Number	1-855-429-2661
PO Box 2458	Telephone	1-855-429-2661
Columbus, OH 43216	Emergency telephone number	1-855-639-3648

Product name: INDUSTRIAL SOLVENT CLEANER

Product code: 16063099

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance: liquid, Water-white

DANGER! EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE. MAY AFFECT THE CENTRAL NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. MAY BE HARMFUL IF INHALED. HARMFUL IF SWALLOWED. MAY CAUSE BLINDNESS. MAY CAUSE EYE IRRITATION. MAY CAUSE SKIN AND RESPIRATORY TRACT IRRITATION. PROLONGED OR REPEATED CONTACT MAY DRY SKIN AND CAUSE DERMATITIS AND BURNS.

Potential Health Effects

Exposure routes

Inhalation, Skin absorption, Skin contact, Eye Contact, Ingestion

Eye contact

Can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes.

Skin contact

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Can cause skin irritation. Symptoms may include redness and burning of skin, and other skin damage. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning, and drying and cracking of skin, skin burns, and other skin damage.

Ingestion

Swallowing this material may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

Inhalation

Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms are not expected at air concentrations below the recommended exposure limits, if applicable (see Section 8.).

Aggravated Medical Condition

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material:, Skin, Upper respiratory tract, lung (for example, asthma-like conditions), Liver, Kidney, Central nervous system, pancreas; Heart, auditory system, Exposure to this material may aggravate any preexisting condition sensitive to a decrease in available oxygen, such as chronic lung disease, coronary artery disease or anemias., Individuals with preexisting heart disorders maybe more susceptible to arrhythmias (irregular heartbeats) if exposed to high concentrations of this material.

Symptoms

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include:, metallic taste, stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), runny nose, central nervous system excitation (giddiness, liveliness, light-headed feeling) followed by central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness) and other central nervous system effects, temporary changes in mood and behavior, loss of appetite, muscle cramps, Lowered blood pressure, pain in the abdomen and lower back, mild, temporary changes in the liver, effects on heart rate, respiratory depression (slowing of the breathingrate), Blurred vision, Shortness of breath, Lack of coordination, confusion, irregular heartbeat, cyanosis (causes blue coloring of the skin and nails from lack of oxygen), narcosis (dazed or sluggish feeling), lung edema (fluid buildup in the lung tissue), kidney damage, visual impairment (including blindness), coma

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Target Organs

Exposure to this material (or a component) has been found to cause kidney damage in male rats. The mechanism by which this toxicity occurs is specific to the male rat and the kidney effects are not expected to occur in humans., Breathing isopropanol vapors has caused damage to the lining of the middle ear in experimental animals. The relevance of this finding to humans is uncertain., Exposure to lethal concentrations of methanol has been shown to cause damage to organs including liver, kidneys, pancreas, heart, lungs and brain. Although this rarely occurs, survivors of severe intoxication may suffer from permanent neurological damage., Prolonged intentional toluene abuse may lead to damage to many organ systems having effects on: central and peripheral nervous systems, vision, hearing, liver, kidneys, heart and blood. Such abuse has been associated with brain damage characterized by disturbances in gait, personality changes and loss of memory. Comparable central nervous system effects have not been shown to result from occupational exposure to toluene., Prolonged intentional toluene abuse may lead to hearing loss progressing to deafness. In addition, while noise is known to cause hearing loss in humans, it has been suggested that workers exposed to organic solvents, including toluene, along with noise may suffer greater hearing loss than would be expected from exposure to noise alone., Overexposure to this material (or its components) has been suggested as a cause of the following effects in laboratory animals:, mild, reversible kidney effects, liver abnormalities, respiratory tract damage (nose, throat, and airways), central nervous system damage, effects on hearing, central nervous system damage, Overexposure to this material (or its components) has been suggested as a cause of the following effects in humans:, kidney damage, visual impairment

Carcinogenicity

This material is not listed as a carcinogen by the International Agency for Research on Cancer (IARC), the National Toxicology Program (NTP), or the Occupational Safety and Health Administration (OSHA).

Reproductive hazard

This material (or a component) has been shown to cause harm to the fetus in laboratory animal studies. Harm to the fetus occurs only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain., Methanol has caused birth defects in laboratory animals, but only when inhaled at extremely high vapor concentrations. The relevance of this finding to humans is uncertain., Toluene may be harmful to the human fetus based on positive test results with laboratory animals. Case studies show that prolonged intentional abuse of toluene during pregnancy can cause birth defects in humans.

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3. COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Components	CAS-No. / trade secret no.	Concentration
Heptane, branched, cyclic and linear	426260-76-6	90 - 100%
Solvent naphtha (petroleum), light aliph.	64742-89-8	90 - 100%
Cyclohexane	110-82-7	5 - 10%
Methanol	67-56-1	5 - 10%
Isopropyl alcohol	67-63-0	5 - 10%
Toluene	108-88-3	1 - 5%
Hexane	110-54-3	0.1 - 1%

4. FIRST AID MEASURES

Eyes

If symptoms develop, immediately move individual away from exposure and into fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; seek immediate medical attention.

Skin

Remove contaminated clothing. Flush exposed area with large amounts of water. If skin is damaged, seek immediate medical attention. If skin is not damaged and symptoms persist, seek medical attention. Launder clothing before reuse.

Ingestion

Seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. If possible, do not leave individual unattended.

Inhalation

If symptoms develop, immediately move individual away from exposure and into fresh air. Seek immediate medical attention; keep person warm and quiet. If person is not breathing, begin artificial respiration. If breathing is difficult, administer oxygen.

Notes to physician

Hazards: Inhalation of high concentrations of this material, as could occur in enclosed spaces or during deliberate abuse, may be associated with cardiac arrhythmias. Sympathomimetic drugs may initiate cardiac arrhythmias in persons exposed to this material. Administration of high doses of isopropanol in combination with known hepatotoxic chemicals resulted in enhanced liver toxicity in experimental animals. This product contains methanol which can cause intoxication and central nervous system depression. Methanol is metabolized to formic acid and formaldehyde. These metabolites can cause metabolic acidosis, visual disturbances and blindness. Since metabolism is required for these toxic symptoms, their onset may be delayed from 6 to 30 hours following ingestion. Ethanol competes for the same metabolic pathway and has been used to prevent methanol metabolism. Ethanol administration is indicated in symptomatic patients or at blood methanol concentrations above 20 ug/dl. Methanol is effectively removed by hemodialysis. This material is an aspiration hazard. Potential danger from aspiration must be weighed against possible oral toxicity (See Section 2 - Swallowing) when deciding whether to induce vomiting.

Treatment: No information available.

5. FIREFIGHTING MEASURES

Suitable extinguishing media

Dry chemical, Carbon dioxide (CO2), Water spray

Hazardous combustion products

carbon dioxide and carbon monoxide, Hydrocarbons

Precautions for fire-fighting

Material is volatile and readily gives off vapors which may travel along the ground or be moved by ventilation and ignited by pilot lights, flames, sparks, heaters, smoking, electric motors, static discharge or other ignition sources at locations near the material handling point. Never use welding or cutting torch on or near drum (even empty) because product (even just residue) can ignite explosively.Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

Water may be ineffective for extinguishment unless used under favorable conditions by experienced fire fighters. Use water spray to cool fire exposed containers and structures until fire is out if it can be done with minimal risk. Avoid spreading burning material with water used for cooling purposes.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

For personal protection see section 8. Persons not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Ensure adequate ventilation. Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Pay attention to the spreading of gases especially at ground level (heavier than air) and to the direction of the wind.

Environmental precautions

Prevent spreading over a wide area (e.g. by containment or oil barriers). Do not let product enter drains. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.

Methods for cleaning up

Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

Other information

Comply with all applicable federal, state, and local regulations. Suppress (knock down) gases/vapours/mists with a water spray jet.

7. HANDLING AND STORAGE

Handling

Containers of this material may be hazardous when emptied. Since emptied containers retain product residues (vapor, liquid, and/or solid), all hazard precautions given in the data sheet must be observed. Static ignition hazard can result from handling and use. Electrically bond and ground all containers, personnel and equipment before transfer or use of material. Special precautions may be

necessary to dissipate static electricity for non-conductive containers. Use proper bonding and grounding during product transfer as described in National Fire Protection Association document NFPA 77.

Storage

Store in a cool, dry, ventilated area, away from incompatible substances.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Heptane, branched, cyclic and linear		**426260-76-6**
ACGIH	8-hour, time-weighted average	400 ppm
ACGIH	Short-term exposure limit	500 ppm
Solvent naphtha (petroleum), light aliph.		**64742-89-8**
OSHA	8-hour time weighted average	500 ppm
OSHA	8-hour time weighted average	2,000 mg/m3
OSHA	8-hour time weighted average	400 ppm
OSHA	8-hour time weighted average	1,600 mg/m3
Cyclohexane		**110-82-7**
ACGIH	8-hour, time-weighted average	100 ppm
NIOSH	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek	300 ppm
NIOSH	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek	1,050 mg/m3
OSHA	8-hour time weighted average	300 ppm
OSHA	8-hour time weighted	1,050 mg/m3

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	average	
OSHA	8-hour time weighted average	300 ppm
OSHA	8-hour time weighted average	1,050 mg/m3
Methanol		**67-56-1**
ACGIH	8-hour, time-weighted average	200 ppm
ACGIH	Short-term exposure limit	250 ppm
NIOSH	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek	200 ppm
NIOSH	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek	260 mg/m3
NIOSH	STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday	250 ppm
NIOSH	STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday	325 mg/m3
OSHA	8-hour time weighted average	200 ppm
OSHA	8-hour time weighted average	260 mg/m3
OSHA	Short-term exposure limit	250 ppm
OSHA	Short-term exposure limit	325 mg/m3
OSHA	8-hour time weighted average	200 ppm
OSHA	8-hour time weighted average	260 mg/m3
Isopropyl alcohol		**67-63-0**
ACGIH	8-hour, time-weighted average	200 ppm
ACGIH	Short-term exposure limit	400 ppm
NIOSH	Time-weighted average concentration for up to a 10-hour workday during a 40-	400 ppm

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	hour workweek	
NIOSH	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek	980 mg/m3
NIOSH	STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday	500 ppm
NIOSH	STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday	1,225 mg/m3
OSHA	8-hour time weighted average	400 ppm
OSHA	8-hour time weighted average	980 mg/m3
OSHA	8-hour time weighted average	400 ppm
OSHA	8-hour time weighted average	980 mg/m3
OSHA	Short-term exposure limit	500 ppm
OSHA	Short-term exposure limit	1,225 mg/m3
Toluene		**108-88-3**
ACGIH	8-hour, time-weighted average	20 ppm
NIOSH	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek	100 ppm
NIOSH	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek	375 mg/m3
NIOSH	STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday	150 ppm
NIOSH	STEL - 15-minute TWA exposure that should not be exceeded at any time during a workday	560 mg/m3

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	OSHA	8-hour time weighted average	200 ppm
	OSHA	Acceptable ceiling concentration	300 ppm
	OSHA	Acceptable maximum peak above the acceptable ceiling concentration for an 8-hr shift	500 ppm
	OSHA	8-hour time weighted average	100 ppm
	OSHA	8-hour time weighted average	375 mg/m3
	OSHA	Short-term exposure limit	150 ppm
	OSHA	Short-term exposure limit	560 mg/m3
Hexane			**110-54-3**
	ACGIH	8-hour, time-weighted average	50 ppm
	NIOSH	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek	50 ppm
	NIOSH	Time-weighted average concentration for up to a 10-hour workday during a 40-hour workweek	180 mg/m3
	OSHA	8-hour time weighted average	500 ppm
	OSHA	8-hour time weighted average	1,800 mg/m3
	OSHA	8-hour time weighted average	50 ppm
	OSHA	8-hour time weighted average	180 mg/m3

General advice

These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

Exposure controls

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Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below exposure guidelines (if applicable) or below levels that cause known, suspected or apparent adverse effects.

Eye protection

Wear chemical splash goggles when there is the potential for exposure of the eyes to liquid, vapor or mist.

Skin and body protection

Wear normal work clothing including long pants, long-sleeved shirts and foot covering to prevent direct contact of the product with the skin. Launder clothing before reuse. If skin irritation develops, contact your facility health and safety professional or your local safety equipment supplier to determine the proper personal protective equipment for your use.
Wear resistant gloves (consult your safety equipment supplier).
Discard gloves that show tears, pinholes, or signs of wear.

Respiratory protection

A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined. Protection provided by air-purifying respirators is limited. Use a positive pressure, air-supplied respirator if there is any potential for uncontrolled release, exposure levels are not known or any other circumstances where an air-purifying respirator may not provide adequate protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	liquid
Colour	Water-white
Flash point	>= 15.80 °F / >= -9.00 °C Tag closed cup
Vapour pressure	169.316 hPa @ 77 °F / 25 °C Calculated Vapor Pressure
Density	0.700 g/cm3 @ 68 °F / 20 °C
	5.830 lb/gal @ 68 °F / 20 °C

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10. STABILITY AND REACTIVITY

Stability
Stable.

Conditions to avoid
Heat, flames and sparks.

Incompatible products
Acids, Aldehydes, alkalis, aluminum, Amines, Ethylene oxide, halogenated hydrocarbons, halogens, isocyanates, Lead, sodium, strong bases, Strong oxidizing agents, Zinc, Do not use with aluminum equipment at temperatures above 120 degrees F., Peroxides

Hazardous decomposition products
carbon dioxide and carbon monoxide, Hydrocarbons, formaldehyde-like

Hazardous reactions
Product will not undergo hazardous polymerization.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity

Acute oral toxicity - Product	: no data available

Acute oral toxicity - Components

Solvent naphtha (petroleum), light aliph.	: LD50: > 5,000 mg/kg Species: rat
Cyclohexane	: LD50: 12,705 mg/kg Species: rat
Isopropyl alcohol	: LD50: > 5,500 mg/kg Species: rat Method: OECD Test

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	Guideline 401 Symptoms: ataxia, decreased motor activity, bradypnea
Toluene	: LD50: > 5,580 mg/kg Species: rat
Hexane	: LD50: 25,000 mg/kg Species: rat

Acute inhalation toxicity

Acute inhalation toxicity - Product	: no data available

Acute inhalation toxicity - Components

Solvent naphtha (petroleum), light aliph.	: LC50: 7.6 mg/l Exposure time: 4 h Species: rat
Cyclohexane	: LC50: 139 mg/l Exposure time: 4 h Species: rat Symptoms: depressed activity Remarks: Practically non-toxic by Inhalation
Methanol	: LC50: 128.2 mg/l Exposure time: 4 h Species: rat
	LC50: 87.6 mg/l Exposure time: 6 h Species: rat
Isopropyl alcohol	: > 10,000 mg/l Exposure time: 6 h Species: rat Method: OECD Test Guideline 403 Symptoms: ataxia, labored breathing, decreased activity and muscle tone, decreased motor activity, depression
Toluene	: LC50: 12,500 - 28,800 mg/l Exposure time: 4 h Species: rat
Hexane	: 48000 ppm Exposure time: 4 h Species: rat

Acute dermal toxicity

Acute dermal toxicity - Product	: no data available

Acute dermal toxicity - Components

Solvent naphtha (petroleum), light aliph.	: LD50: > 2,000 mg/kg Species: rabbit

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Cyclohexane	: Remarks: no data available
Isopropyl alcohol	: LD50: Method: OECD Test Guideline 402
Toluene	: LD50: 12,196 mg/kg Species: rabbit
Hexane	: Remarks: no data available

Acute toxicity (other routes of administration)

Acute toxicity (other routes of administration)	: no data available

12. ECOLOGICAL INFORMATION

Biodegradability

Biodegradability - Product	: no data available

Biodegradability - Components

Solvent naphtha (petroleum), light aliph.	: 77 % Testing period: 2 d Remarks: Inherently biodegradable.
Cyclohexane	: 77 % Remarks: Readily biodegradable
Methanol	: aerobic 72 % Remarks: Readily biodegradable
Isopropyl alcohol	: Primary biodegradation 53 %
Toluene	: 100 % Remarks: Readily biodegradable
Hexane	: 83 % Remarks: Readily biodegradable

Bioaccumulation

Bioaccumulation - Product	: no data available

Bioaccumulation - Components

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Methanol	:	Species: Cyprinus carpio (Carp) Exposure time: 72 d Temperature: 20 °C Concentration: 5 mg/l Bioconcentration factor (BCF): 1.0

Ecotoxicity effects

Toxicity to fish

Toxicity to fish - Product	:	no data available

Toxicity to fish - Components

Solvent naphtha (petroleum), light aliph.	:	LL50: 8.2 mg/l Exposure time: 96 h Analytical monitoring: yes Test Type: semi-static test
Cyclohexane	:	LC50: 34.7 mg/l Exposure time: 96 h Species: Lepomis macrochirus (Bluegill sunfish)
Methanol	:	LC50: 15,400 mg/l Exposure time: 96 h Species: Lepomis macrochirus (Bluegill sunfish)
Toluene	:	LC50: 7.63 mg/l Exposure time: 96 h Species: Oncorhynchus mykiss (rainbow trout)
Hexane	:	LC50: 2.5 mg/l Exposure time: 96 h Species: Pimephales promelas (fathead minnow)

Toxicity to daphnia and other aquatic invertebrates

Toxicity to daphnia and other aquatic invertebrates - Product	:	no data available

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Toxicity to daphnia and other aquatic invertebrates - Components

Solvent naphtha (petroleum), light aliph.	: EL50: 4.5 mg/l Exposure time: 48 h Species: Daphnia magna (Water flea) Analytical monitoring: yes Test substance: Naphtha Test Type: Immobilization
Cyclohexane	: EC50: 3.78 mg/l Exposure time: 48 h Species: Daphnia magna (Water flea)
Methanol	: EC50: 10,000 mg/l Exposure time: 48 h Species: Daphnia
Toluene	: EC50: 8.0 mg/l Exposure time: 24 h Species: Daphnia magna (Water flea)
Hexane	: EC50: 3,878 mg/l Exposure time: 48 h Species: Daphnia magna (Water flea)

Toxicity to algae

Toxicity to algae - Product	: no data available

Toxicity to algae - Components

Solvent naphtha (petroleum), light aliph.	: EL50: 3.7 mg/l Exposure time: 96 h Species: Pseudokirchneriella subcapitata (green algae) Analytical monitoring: yes

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	Test Type: static test
Cyclohexane	: EC50: 3.4 mg/l Exposure time: 72 h Species: Selenastrum capricornutum (green algae) Analytical monitoring: yes
Methanol	: EC50: 22,000 mg/l Exposure time: 96 h Species: Scenedesmus capricornutum (fresh water algae) Test Type: Growth inhibition
Toluene	: EC50: 10 mg/l Exposure time: 24 h Species: Pseudokirchneriella subcapitata (green algae)
Hexane	: 26 mg/l Exposure time: 72 h Species: Pseudokirchneriella subcapitata (green algae) Analytical monitoring: no Method: Static

Toxicity to bacteria

Toxicity to bacteria - Product	: no data available

13. DISPOSAL CONSIDERATIONS

Waste disposal methods

For assistance with your waste management needs - including disposal, recycling and waste stream reduction, contact NEXEO's Environmental Services Group at 800-637-7922.

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Dispose of in accordance with all applicable local, state and federal regulations.

14. TRANSPORT INFORMATION

REGULATION

ID NUMBER	PROPER SHIPPING NAME	*HAZARD CLASS	SUBSIDIARY HAZARDS	PACKING GROUP	MARINE POLLUTANT / LTD. QTY.
U.S. DOT - ROAD					
UN 1993	LIQUIDO INFLAMABLE, N.E.P. (HEPTANE, METHANOL)	3		II	
U.S. DOT - RAIL					
UN 1993	Flammable liquid, n.o.s. (HEPTANE, METHANOL)	3		II	
U.S. DOT - INLAND WATERWAYS					
UN 1993	Flammable liquid, n.o.s. (HEPTANE, METHANOL)	3		II	
TRANSPORT CANADA - ROAD					
UN 1993	FLAMMABLE LIQUID, N.O.S. (HEPTANE, METHANOL)	3		II	
TRANSPORT CANADA - RAIL					
UN 1993	FLAMMABLE LIQUID, N.O.S. (HEPTANE, METHANOL)	3		II	
TRANSPORT CANADA - INLAND WATERWAYS					
UN 1993	FLAMMABLE LIQUID, N.O.S. (HEPTANE, METHANOL)	3		II	

INTERNATIONAL MARITIME DANGEROUS GOODS

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UN	1993	FLAMMABLE LIQUID, N.O.S. (HEPTANE, METHANOL)	3	II

INTERNATIONAL AIR TRANSPORT ASSOCIATION - CARGO

UN	1993	Flammable liquids, n.o.s. (HEPTANE, METHANOL)	3	II

INTERNATIONAL AIR TRANSPORT ASSOCIATION - PASSENGER

UN	1993	Flammable liquids, n.o.s. (HEPTANE, METHANOL)	3	II

MEXICAN REGULATION FOR THE LAND TRANSPORT OF HAZARDOUS MATERIALS AND WASTES

UN	1993	Flammable liquids, n.o.s. (HEPTANE, METHANOL)	3	II

***ORM = ORM-D, CBL = COMBUSTIBLE LIQUID**

Dangerous goods descriptions (if indicated above) may not reflect quantity, end-use or region-specific exceptions that can be applied. Consult shipping documents for descriptions that are specific to the shipment.

15. REGULATORY INFORMATION

California Prop. 65

WARNING! This product contains a chemical known to the State of California to cause cancer.	Toluene

SARA Hazard Classification
SARA 311/312 Classification

Fire Hazard
Acute Health Hazard
Chronic Health Hazard

SARA 313 Component(s)

Methanol	5.00 %

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Toluene	3.60 %

New Jersey RTK Label Information

Heptane, Branched, cyclic and Linear	426260-76-6
n-Heptane	142-82-5
Isopropanol	67-63-0
Methanol	67-56-1
Toluene	108-88-3

Pennsylvania RTK Label Information

Heptane, Branched, cyclic and Linear	426260-76-6
n-Heptane	142-82-5
Isopropanol	67-63-0
Methanol	67-56-1
Toluene	108-88-3
Benzene	71-43-2

Notification status

EU. EINECS	y (positive listing)
US. Toxic Substances Control Act	y (positive listing)
Australia. Industrial Chemical (Notification and Assessment) Act	y (positive listing)
Canada. Canadian Environmental Protection Act (CEPA). Domestic Substances List (DSL). (Can. Gaz. Part II, Vol. 133)	y (positive listing)
Japan. Kashin-Hou Law List	y (positive listing)
Korea. Toxic Chemical Control Law (TCCL) List	y (positive listing)
Philippines. The Toxic Substances and Hazardous and Nuclear Waste Control Act	y (positive listing)
China. Inventory of Existing Chemical Substances	y (positive listing)

Reportable quantity - Product

US. EPA CERCLA Hazardous Substances (40 CFR 302)	12345 lbs

Reportable quantity-Components

nexeo™ solutions

SAFETY DATA SHEET

Revision Date: 05/02/2013
Print Date: 3/16/2015
MSDS Number: 000000138269
Version: 1.3

INDUSTRIAL SOLVENT CLEANER
16063099

Benzene	71-43-2	10 lbs

	HMIS	NFPA
Health	2*	2
Flammability	3	3
Physical hazards	0	
Instability		0
Specific Hazard	--	--

16. OTHER INFORMATION

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. 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' Environmental Health and Safety Department (1-800-325-3751).