

ECOSOLV® Dry Cleaning Fluid

Version 1.4

SECTION 1: Identification of	the substance/mixture and of the company/undertaking
Product information	
Product Name Material	 ECOSOLV® Dry Cleaning Fluid 1061821, 1061242, 1079001, 1058748, 1058747, 1061171
Use	: Solvent
Company	 Chevron Phillips Chemical Company LP Specialty Chemicals 10001 Six Pines Drive The Woodlands, TX 77380
Emergency telephone:	
Asia: +800 CHEMCAL EUROPE: BIG +32.14	
Responsible Department E-mail address Website	: SDS@CPChem.com : www.CPChem.com
SECTION 2: Hazards identifie	cation
	ce or mixture ed in accordance with the hazard communication standard 29 CFR s contain all the information as required by the standard.
Danger	
•	state: Liquid Color: Colorless at room temperature Odor: mild
OSHA Hazards	: Combustible Liquid, Aspiration hazard
Classification	: Flammable liquids , Category 4 Aspiration hazard , Category 1
MSDS Number:100000013944	1/13

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Symbol(s)		
Signal Word	: Danger	
Hazard Statements	: H227: Combustible liquid. H304: May be fatal if swallowed and enters airways.	
Precautionary Statements	 Prevention: P210 Keep away from heat/sparks/open flames/hot surfaces No smoking. P280 Wear protective gloves/ eye protection/ face protection Response: P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician. P331 Do NOT induce vomiting. P370 + P378 In case of fire: Use dry sand, dry chemical or alcohol-resistant foam for extinction. Storage: 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. 	
Carcinogenicity:		
IARC	No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC. No ingredient of this product present at levels greater than or	
	equal to 0.1% is identified as a known or anticipated carcinogen by NTP.	
ACGIH	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.	
TION 3: Composition/info	ormation on ingredients	
Synonyms	: Isoalkanes Aliphatic hydrocarbon Isoparaffins	
Synonyms		
Molecular formula	: Mixture	
Molecular formula		
	: Mixture CAS-No. Weight % 68551-19-9 99.9	

SAFETY DATA SHEET

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ION 4: First aid measures		
General advice	:	Move out of dangerous area. Show this material safety data sheet to the doctor in attendance. Material may produce a serious, potentially fatal pneumonia if swallowed or vomited.
f inhaled	:	If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician.
n case of skin contact	:	If on skin, rinse well with water. If on clothes, remove clothes.
n case of eye contact	:	Flush eyes with water as a precaution. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.
f 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.
FION 5: Firefighting measu	res	
Flash point	:	61.1 °C (142.0 °F) Method: Tag closed cup
Autoignition temperature	:	No data available
Suitable extinguishing nedia	:	Carbon dioxide (CO2).
Jnsuitable extinguishing nedia	:	High volume water jet.
Special protective equipment for fire-fighters	:	Wear self-contained breathing apparatus for firefighting if necessary.
Further information	:	For safety reasons in case of fire, cans should be stored separately in closed containments. Use a water spray to cool fully closed containers.
Fire and explosion protection	:	Do not spray on an open flame or any other incandescent material. Keep away from open flames, hot surfaces and sources of ignition.
Hazardous decomposition products	:	Carbon Dioxide. Carbon oxides.
TION 6: Accidental release	mea	asures
Personal precautions	:	Use personal protective equipment. Ensure adequate ventilation.
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 respective authorities.
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Methods for cleaning up	absorbe vermicu local / n	spillage, and then collect with non-com t material, (e.g. sand, earth, diatomac te) and place in container for disposal tional regulations (see section 13). Ke entainers for disposal.		nbustible ceous earth, l according to
ECTION 7: Handling and st	orage			
Handling				
Advice on safe handling	persona drinking sufficier	I protection see s should be prohib at air exchange ar water in accordat	bl. Do not breathe vap section 8. Smoking, ea bited in the application a hd/or exhaust in work re nce with local and natio	iting and area. Provide ooms. Dispose
Advice on protection against fire and explosion	material		flame or any other inca m open flames, hot sur	
Storage				
Requirements for storage areas and containers	ventilate installati	ed place. Observ	iner tightly closed in a e label precautions. El tterials must comply wit dards.	lectrical
	ventilate installati technolo ols/personal pre	ed place. Observ ions / working ma ogical safety stan otection	e label precautions. El aterials must comply wit	lectrical
areas and containers ECTION 8: Exposure contro Ingredients with workpla	ventilate installati technolo ols/personal pro ace control par	ed place. Observ ions / working ma ogical safety stan otection ameters	e label precautions. El iterials must comply wit dards.	lectrical th the
areas and containers ECTION 8: Exposure contro Ingredients with workplane nevron Phillips Chemical Compan ngredients	ventilate installati technolo ols/personal pro ace control par y LP	ed place. Observ ions / working ma ogical safety stan otection ameters	e label precautions. El tterials must comply wit dards.	lectrical th the
areas and containers ECTION 8: Exposure contro Ingredients with workplane nevron Phillips Chemical Compan ngredients	ventilate installati technolo ols/personal pro ace control par y LP Basis Manufacturer	ed place. Observ ions / working ma ogical safety stan otection ameters	e label precautions. El iterials must comply wit dards.	lectrical th the
areas and containers ECTION 8: Exposure contro Ingredients with workpla ngredients C12-C14 Isoalkanes RCP Reciprocal Calculation P	ventilate installati technolo ols/personal pro ace control par y LP Basis Manufacturer	ed place. Observ ions / working ma ogical safety stan otection ameters	e label precautions. El tterials must comply wit dards.	lectrical th the
areas and containers ECTION 8: Exposure control Ingredients with workpla ngredients C12-C14 Isoalkanes RCP Reciprocal Calculation P	ventilate installati technolo ols/personal pro ace control par y LP Basis Manufacturer	ed place. Observ ions / working ma ogical safety stan otection ameters	e label precautions. El tterials must comply wit dards.	lectrical th the
areas and containers ECTION 8: Exposure contro Ingredients with workpla nevron Phillips Chemical Compan ngredients C12-C14 Isoalkanes	ventilate installati technolo ols/personal pro- ace control par ace control par Basis Manufacturer rocedure Basis Dentrol airborned zards of this material ances in the wor ment. If enginee s of this material should read and ection is usually	ed place. Observ ions / working ma ogical safety stand otection ameters Value TWA Value Value Value value value terial (see Section rk place when de ering controls or v l, the personal pro-	e label precautions. El aterials must comply with dards. Control parameters 1,200 mg/m3 Control parameters elow the exposure guid n 2), applicable exposure signing engineering co vork practices are not a patective equipment listed instructions and limitation	Note RCP, Note RCP, Introls and selecting adequate to preverse below is ons supplied with
areas and containers ECTION 8: Exposure control Ingredients with workpla nervon Phillips Chemical Compan ngredients C12-C14 Isoalkanes RCP Reciprocal Calculation P S ngredients Engineering measures Adequate ventilation to co Consider the potential has activities, and other subst personal protective equipt exposure to harmful levels recommended. The user the equipment since prote	ventilate installati technolo ols/personal pro- ace control par y LP Basis Manufacturer rocedure Basis ontrol airborned of zards of this material ances in the wor ment. If enginee s of this material should read and ection is usually ipment : Wear a when wo airborne NIOSH enginee	ed place. Observ ions / working ma ogical safety stand otection ameters Value Value Value Value Value Value Value Value Value NIOSH approved orking with this m e material may oc approved respira ring controls are	e label precautions. El terials must comply with dards. Control parameters 1,200 mg/m3 Control parameters elow the exposure guid n 2), applicable exposure signing engineering co vork practices are not a bigning engineering co vork practices a bigning engineering co vork practices a	Intermediate Note RCP, Note RCP, Introls and selecting adequate to prevere adequate to prevere
areas and containers ECTION 8: Exposure control Ingredients with workpla nervon Phillips Chemical Compane ngredients C12-C14 Isoalkanes RCP Reciprocal Calculation P S ngredients Engineering measures Adequate ventilation to co Consider the potential has activities, and other subst personal protective equip exposure to harmful levels recommended. The user the equipment since prote Personal protective equip	ventilate installati technolo ols/personal pro- ace control par ace control par Manufacturer rocedure Basis ontrol airborned of zards of this material ances in the wor ment. If enginee s of this material should read and ection is usually ipment : Wear a when wo airborned NIOSH enginee content	ed place. Observ ions / working ma ogical safety stand otection ameters Value Value Value Value Value Value Value Value Value NIOSH approved orking with this m e material may oc approved respira ring controls are	e label precautions. El tterials must comply with dards. Control parameters 1,200 mg/m3 Control parameters elow the exposure guid n 2), applicable exposure signing engineering co vork practices are not a potective equipment lister ited time or under certa l respirator that provide aterial if exposure to ha cur, such as:. Wear a tor unless ventilation of	Intermediate Note RCP, Note RCP, Introls and selecting adequate to preveled below is ons supplied with ain circumstances es protection armful levels of supplied-air r other ninimal oxygen

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	pressure. Air-Purifying Respirator positive pressure, air-supplying re for uncontrolled release, exposure other circumstances where air-pur provide adequate protection.	spirator if there is potential levels are not known, or
Hand protection	: The suitability for a specific workp with the producers of the protectiv the instructions regarding permea which are provided by the supplie consideration the specific local co product is used, such as the dang contact time. Gloves should be di is any indication of degradation or	e gloves. Please observe bility and breakthrough time r of the gloves. Also take into nditions under which the er of cuts, abrasion, and the scarded and replaced if there
Eye protection	: Eye wash bottle with pure water.	Tightly fitting safety goggles.
Skin and body protection	: Choose body protection according concentration of the dangerous su Wear as appropriate:. Flame-resi protecting against chemicals.	ibstance at the work place.
Hygiene measures	: When using do not eat or drink. V Wash hands before breaks and at	
CTION 9: Physical and cher	lical properties	
Information on basic physic	ical and chemical properties	
Appearance		
, ppoulaites		
Form Physical state Color Odor	 Liquid Liquid Colorless at room temperature mild hydrocarbon 	
Form Physical state Color Odor	: Liquid : Colorless at room temperature	
Form Physical state Color	: Liquid : Colorless at room temperature	
Form Physical state Color Odor Safety data	 Liquid Colorless at room temperature mild hydrocarbon 61.1 °C (142.0 °F) 	
Form Physical state Color Odor Safety data Flash point	 Liquid Colorless at room temperature mild hydrocarbon 61.1 °C (142.0 °F) Method: Tag closed cup 	
Form Physical state Color Odor Safety data Flash point Lower explosion limit	 Liquid Colorless at room temperature mild hydrocarbon 61.1 °C (142.0 °F) Method: Tag closed cup 1.1 %(V) 	
Form Physical state Color Odor Safety data Flash point Lower explosion limit Upper explosion limit	 : Liquid : Colorless at room temperature : mild hydrocarbon : 61.1 °C (142.0 °F) Method: Tag closed cup : 1.1 %(V) : 6.1 %(V) 	
Form Physical state Color Odor Safety data Flash point Lower explosion limit Upper explosion limit Oxidizing properties	 Liquid Colorless at room temperature mild hydrocarbon 61.1 °C (142.0 °F) Method: Tag closed cup 1.1 %(V) 6.1 %(V) no 	
Form Physical state Color Odor Safety data Flash point Lower explosion limit Upper explosion limit Oxidizing properties Autoignition temperature	 Liquid Colorless at room temperature mild hydrocarbon 61.1 °C (142.0 °F) Method: Tag closed cup 1.1 %(V) 6.1 %(V) no No data available 	
Form Physical state Color Odor Safety data Flash point Lower explosion limit Upper explosion limit Oxidizing properties Autoignition temperature Thermal decomposition	 Liquid Colorless at room temperature mild hydrocarbon 61.1 °C (142.0 °F) Method: Tag closed cup 1.1 %(V) 6.1 %(V) no No data available No data available 	
Form Physical state Color Odor Safety data Flash point Lower explosion limit Upper explosion limit Oxidizing properties Autoignition temperature Thermal decomposition Molecular formula	 : Liquid : Colorless at room temperature : mild hydrocarbon : 61.1 °C (142.0 °F) Method: Tag closed cup : 1.1 %(V) : 6.1 %(V) : no : No data available : No data available : No data available : Mixture 	
Form Physical state Color Odor Safety data Flash point Lower explosion limit Upper explosion limit Oxidizing properties Autoignition temperature Thermal decomposition Molecular formula Molecular weight	 : Liquid : Colorless at room temperature : mild hydrocarbon : 61.1 °C (142.0 °F) Method: Tag closed cup : 1.1 %(V) : 6.1 %(V) : 6.1 %(V) : no : No data available : No data available : No data available : Mixture : Not applicable 	
Form Physical state Color Odor Safety data Flash point Lower explosion limit Upper explosion limit Oxidizing properties Autoignition temperature Thermal decomposition Molecular formula Molecular weight pH	 Liquid Colorless at room temperature mild hydrocarbon 61.1 °C (142.0 °F) Method: Tag closed cup 1.1 %(V) 6.1 %(V) 6.1 %(V) no No data available No data available Mixture Not applicable 7 	

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Boiling point/boiling range: 189 - 208 °C (372 - 406 °F)Vapor pressure: 1.50 MMHG at 38 °C (100 °F)Relative density: 0.76, 15.6 °C(60.1 °F)Water solubility: NegligiblePartition coefficient: n- octanol/water Viscosity, kinematic: No data available a 38 °C (100 °F)
Vapor pressure : 1.50 MMHG at 38 °C (100 °F) Relative density : 0.76, 15.6 °C(60.1 °F) Water solubility : Negligible Partition coefficient: n- octanol/water : No data available Viscosity, kinematic : 1.55 cSt
at 38 °C (100 °F) Relative density : 0.76, 15.6 °C(60.1 °F) Water solubility : Negligible Partition coefficient: n- : No data available octanol/water : 1.55 cSt
Relative density : 0.76, 15.6 °C(60.1 °F) Water solubility : Negligible Partition coefficient: n- octanol/water : No data available Viscosity, kinematic : 1.55 cSt
Water solubility : Negligible Partition coefficient: n- : No data available octanol/water : 1.55 cSt
Partition coefficient: n- : No data available octanol/water Viscosity, kinematic : 1.55 cSt
Partition coefficient: n- : No data available octanol/water Viscosity, kinematic : 1.55 cSt
octanol/water Viscosity, kinematic : 1.55 cSt
octanol/water Viscosity, kinematic : 1.55 cSt
at 38 °C (100 °F)
Relative vapor density : 3
(Air = 1.0)
Evaporation rate : 1
Percent volatile : > 99 %
CTION 10: Stability and reactivity
Chemical stability : This material is considered stable under normal ambient and
anticipated storage and handling conditions of temperature
and pressure.
Possibility of hazardous reactions
Conditions to avoid : Heat, flames and sparks.
Materials to avoid : May react with oxygen and strong oxidizing agents, such as
chlorates, nitrates, peroxides, etc.
Thermal decomposition : No data available
Thermal decomposition : No data available
Hazardous decomposition : Carbon Dioxide
products Carbon oxides
products Carbon oxides
products Carbon oxides Other data : No decomposition if stored and applied as directed.
Other data : No decomposition if stored and applied as directed.
Other data : No decomposition if stored and applied as directed. CTION 11: Toxicological information
Other data : No decomposition if stored and applied as directed.

C12-C14 Isoalkanes	: LD50: > 5000 milligram per kilogram
	Species: rat
	Method: OECD Test Guideline 401
	Information given is based on data obtained from similar substances.

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Acute inhalation toxicity	
C12-C14 Isoalkanes	 LC50: > 5.3milligram per literExposure time: 4 h Species: rat Test atmosphere: vapor Method: OECD Test Guideline 403 Information given is based on data obtained from similar substances.
Skin irritation	
C12-C14 Isoalkanes	: No skin irritation Information given is based on data obtained from similar substances.
Eye irritation C12-C14 Isoalkanes	: No eye irritation Information given is based on data obtained from similar substances.
Sensitization	
C12-C14 Isoalkanes	 Classification: Did not cause sensitization on laboratory animals. Information given is based on data obtained from similar substances.
Repeated dose toxicity	
C12-C14 Isoalkanes	 Species: Monkey Application Route: Inhalation Dose: 0, 654 ppm Exposure time: 4 wk Number of exposures: 6 h/d, 3 d/wk NOEL: > 654 ppm Method: OECD Test Guideline 412
	Species: rat, male and female Sex: male and female Application Route: oral gavage Dose: 0, 25, 150, 1000 mg/kg/d Exposure time: 4 wk Number of exposures: daily NOEL: >= 1000 mg/kg/d Method: OECD Guideline 422 Information given is based on data obtained from similar substances.
Reproductive toxicity	
C12-C14 Isoalkanes	 Species: rat Sex: male Application Route: oral gavage Dose: 0, 750, 1500, 3000 mg/kg/bw/d Number of exposures: daily Test period: 90 d Method: OECD Test Guideline 415 NOAEL Parent: >= 3000 mg/kg/bw/d Information given is based on data obtained from similar substances.
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	Species: rat Sex: female Application Route: oral gavage Dose: 0, 750, 1500 mg/kg/bw/d Number of exposures: daily Test period: 90 d Method: OECD Test Guideline 415 NOAEL Parent: >= 1500 mg/kg/bw/d NOAEL F1: 750 mg/kg/bw/d Information given is based on data obtained from similar substances.
	Species: rat Sex: male and female Application Route: inhalation (vapor) Dose: 100, 300 ppm Number of exposures: 6 h/d/5d/wk Test period: 8 wk Method: OECD Guideline 421 NOAEL Parent: >= 300 ppm NOAEL F1: >= 300 ppm Information given is based on data obtained from similar substances.
Developmental Toxicity	
C12-C14 Isoalkanes	 Species: rat Application Route: Inhalation Dose: 100, 300 ppm Exposure time: GD 6-15 Number of exposures: 6 h/d NOAEL Teratogenicity: >= 300 ppm Information given is based on data obtained from similar substances. Species: rat Application Route: Inhalation Dose: 300, 900 ppm Exposure time: GD 6-15 Number of exposures: 6 h/d Method: OECD Guideline 414 NOAEL Teratogenicity: >= 900 ppm NOAEL Maternal: >= 900 ppm
	NOAEL Maternal: >= 900 ppm Information given is based on data obtained from similar substances.
	Species: rat Application Route: oral gavage Dose: 0, 500, 1000, 1500 mg/kg/d Exposure time: GD 6-15 Number of exposures: Daily Method: OECD Guideline 414 NOAEL Teratogenicity: 1,000 mg/kg NOAEL Maternal: 500 mg/kg Information given is based on data obtained from similar substances.
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ECOSOLV® Dry Cleaning Flui Aspiration toxicity	 May be fatal if swallowed and enters airways. Substances known to cause human aspiration toxicity hazards or to be regarded as if they cause human aspiration toxicity hazard.
CMR effects	
C12-C14 Isoalkanes	 Carcinogenicity: Limited evidence of carcinogenicity in animal studies Mutagenicity: Tests on bacterial or mammalian cell cultures did not show mutagenic effects., In vivo tests did not show mutagenic effects Teratogenicity: Animal testing did not show any effects on fetal development. Reproductive toxicity: No adverse effects expected
ECOSOLV® Dry Cleaning Flui Further information	d Solvents may degrease the skin.
CTION 12: Ecological information	on
Ecotoxicity effects	
Toxicity to fish	: 1,000 mg/l Exposure time: 96 h Species: Salmo gairdneri (Rainbow trout)
Toxicity to daphnia and other aquatic invertebrates	: 1,000 mg/l Exposure time: 48 h Species: Daphnia magna (Water flea)
Toxicity to algae	
C12-C14 Isoalkanes	 EL50: > 1,000 mg/l Exposure time: 72 h Species: Pseudokirchneriella subcapitata (green algae) Growth inhibition Method: OECD Test Guideline 201 Information given is based on data obtained from similar substances.
Toxicity to fish (Chronic toxic	ity)
C12-C14 Isoalkanes	: NOELR: 0.316 mg/l Exposure time: 28 d Species: Oncorhynchus mykiss (rainbow trout) Method: QSAR modeled data
Elimination information (persiste	nce and degradability)
Biodegradability	Expected to be biodegradable
Ecotoxicology Assessment	

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Results of PBT assessment C12-C14 Isoalkanes	: Non-classified PBT substance, Non-classified vPvB substance
Additional ecological information	: No data available
CTION 13: Disposal considera	ations
The information in this SDS p	ertains only to the product as shipped.
Use material for its intended p may meet the criteria of a haz other State and local regulation regulated components may be	purpose or recycle if possible. This material, if it must be discarded, cardous waste as defined by US EPA under RCRA (40 CFR 261) or ons. Measurement of certain physical properties and analysis for e necessary to make a correct determination. If this material is ste, federal law requires disposal at a licensed hazardous waste
Product	: Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.
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.
CTION 14: Transport informat	tion
Consult the appropriate dome	kages (see regulatory definition).estic or international mode-specific and quantity-specific Dangerous
etc.) Therefore, the information	onal shipping description requirements (e.g., technical name or name on shown here, may not always agree with the bill of lading shipping Flashpoints for the material may vary slightly between the SDS and the
etc.) Therefore, the information description for the material. F bill of lading. US DOT (UNITED STATES D NOT REGULATED AS A F TRANSPORTATION BY T	on shown here, may not always agree with the bill of lading shipping Tashpoints for the material may vary slightly between the SDS and the
etc.) Therefore, the information description for the material. F bill of lading. US DOT (UNITED STATES D NOT REGULATED AS A H TRANSPORTATION BY T Testing (ASTM D4206) ha IMO / IMDG (INTERNATION/	on shown here, may not always agree with the bill of lading shipping Flashpoints for the material may vary slightly between the SDS and th
etc.) Therefore, the information description for the material. F bill of lading. US DOT (UNITED STATES I NOT REGULATED AS A H TRANSPORTATION BY T Testing (ASTM D4206) had IMO / IMDG (INTERNATION/ NOT REGULATED AS A H TRANSPORTATION BY T IATA (INTERNATIONAL AIR	DEPARTMENT OF TRANSPORTATION) HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR HIS AGENCY. s shown product does not sustain combustion. AL MARITIME DANGEROUS GOODS) HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR HIS AGENCY.
etc.) Therefore, the information description for the material. F bill of lading. US DOT (UNITED STATES E NOT REGULATED AS A H TRANSPORTATION BY T Testing (ASTM D4206) had IMO / IMDG (INTERNATION/ NOT REGULATED AS A H TRANSPORTATION BY T IATA (INTERNATIONAL AIR NOT REGULATED AS A H TRANSPORTATION BY T ADR (AGREEMENT ON DAM	Con shown here, may not always agree with the bill of lading shipping Flashpoints for the material may vary slightly between the SDS and t

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DANGEROUS GOODS (EU	HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR
OF DANGEROUS GOODS	HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR
ansport in bulk according to ECTION 15: Regulatory inform	Annex II of MARPOL 73/78 and the IBC Code
National legislation	
SARA 311/312 Hazards	: Fire Hazard Acute Health Hazard
CERCLA Reportable Quantity	: This material does not contain any components with a CERCLA RQ.
SARA 302 Reportable Quantity	: This material does not contain any components with a SARA 302 RQ.
SARA 302 Threshold Planning Quantity	: SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.
SARA 304 Reportable Quantity	: This material does not contain any components with a section 304 EHS RQ.
SARA 313 Ingredients	: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.
Clean Air Act	
Ozone-Depletion : This p Potential Class	roduct neither contains, nor was manufactured with a Class I or II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR ubpt. A, App.A + B).

SAFETY DATA SHEET **ECOSOLV® Dry Cleaning Fluid** Version 1.4 Revision Date 2014-12-15 This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 112(r) for Accidental Release Prevention (40 CFR 68.130, Subpart F). This product does not contain any chemicals listed under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489). **US State Regulations** Pennsylvania Right To Know : No components are subject to the Pennsylvania Right to Know Act. New Jersey Right To Know : No components are subject to the New Jersey Right to Know Act. California Prop. 65 : This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive Ingredients defects. **Notification status** Europe REACH On the inventory, or in compliance with the inventory United States of America TSCA **On TSCA Inventory** Canada DSL All components of this product are on the Canadian : DSL. Australia AICS On the inventory, or in compliance with the inventory New Zealand NZIoC On the inventory, or in compliance with the inventory Notification number: HSR002649 On the inventory, or in compliance with the inventory Japan ENCS Korea KECI On the inventory, or in compliance with the inventory 2 Philippines PICCS Not in compliance with the inventory 1 China IECSC On the inventory, or in compliance with the inventory 2 **SECTION 16: Other information NFPA Classification** : Health Hazard: 1 Fire Hazard: 1 Reactivity Hazard: 0 0 1 MSDS Number:100000013944 12/13

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Further information

Legacy SDS Number : 711230

Significant changes since the last version are highlighted in the margin. This version replaces all previous versions.

The information in this SDS pertains only to the product as shipped.

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

Key or legend to abbreviations and acronyms used in the safety data sheet			
ACGIH	American Conference of Government 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 Substances 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 Scenario Tool	OSHA	Occupational Safety & Health Administration
EOSCA	European Oilfield Specialty Chemicals Association	PEL	Permissible Exposure Limit
EINECS	European Inventory of Existing Chemical Substances	PICCS	Philippines Inventory of Commercial Chemical Substances
MAK	Germany Maximum Concentration 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 Reauthorization 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 Inventory	UVCB	Unknown or Variable Composition, Complex Reaction Products, and Biological Materials
<=	Less Than or Equal To	WHMIS	Workplace Hazardous Materials Information System
LC50	Lethal Concentration 50%		

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