SAFETY DATA SHEET



Drill-Well™ D294 RM

Version 1.4

Product information	
Product Name Material	: Drill-Well™ D294 RM : 1115432
Use	: Rheology Modifier
Company	 Chevron Phillips Chemical Company LP Drilling Specialties Company LLC 10001 Six Pines Drive The Woodlands, TX 77380
Emergency telephor	::
Asia: CHEMWATC Mexico CHEMTRE South America SO Argentina: +(54)-1 EUROPE: BIG +32 Austria: VIZ +43 1 Belgium: 070 245 2 Bulgaria: +359 2 9 Croatia: +3851 234 Cyprus: 1401 Czech Republic: T Denmark: Danish I Estonia: BIG +32.1 Finland: 0800 147 France: ORFILA n Germany: BIG +32.1 Finland: 0800 147 France: ORFILA n Germany: BIG +32.1 Italy: BIG +32.14.5 Latvia: State Fire a	24.9300 or 703.527.3887(int'l) 1 (+612 9186 1132) China: 0532 8388 9090 2 01-800-681-9531 (24 hours) 3-Cotec Inside Brazil: 0800.111.767 Outside Brazil: +55.19.3467.1600 59839431 14.584545 (phone) or +32.14583516 (telefax) 06 43 43 (24 hours/day, 7 days/week) 45 (24 hours/day, 7 days/week) 45 (24 hours/day, 7 days/week) 54 233 3 342 (24 hours/day, 7 days/week) xicological Information Center +420 224 919 293, +420 224 915 402 oison Center (Giftlinjen): +45 8212 1212 4.584545 (phone) or +32.14583516 (telefax) 11 09 471 977 (24 hours/day) mber (INRS): + 33 (0) 1 45 42 59 59 (24 hours/day, 7 days/week) 14.584545 (phone) or +32.14583516 (telefax) 7793777 (24 hours/day, 7 days/week) 14.199 (24 hours/day, 7 days/week) 24 hours/day, 7 days/week) 24 hours/day, 7 days/week) 2584545 (phone) or +32.14583516 (telefax) 4545 (p

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Lithuania, 1270 (85) 226	
Malta: +356 2395 2000 The Netherlands: NVIC: Norway: 22 59 13 00 (24 Poland: BIG +32.14.5845 Portugal: CIAV phone nu Romania: +40213183606 Slovakia: +421 2 5477 4 Slovenia: Phone number	2 5500 (24 hours/day, 7 days/week) +31 (0)88 755 8000 hours/day, 7 days/week) 545 (phone) or +32.14583516 (telefax) imber: +351 800 250 250 5 166 : 112 icy Telephone Number of Spanish Poison Centre: +34 91 562 04 20 (2
Responsible Department E-mail address Website	 Product Safety and Toxicology Group SDS@CPChem.com www.CPChem.com
CTION 2: Hazards identification	tion
1910.1200; the SDS and lab	 ified in accordance with the hazard communication standard 29 CFR bels contain all the information as required by the standard. Eye irritation, Category 2A
Labeling	
Symbol(s)	
Symbol(s) Signal Word	: Warning
	: Warning : H319: Causes serious eye irritation.
Signal Word	
Signal Word Hazard Statements	 H319: Causes serious eye irritation. Prevention: P264 Wash skin thoroughly after handling. P280 Wear eye protection/ face protection. Response: P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical advice/
Signal Word Hazard Statements Precautionary Statements	 H319: Causes serious eye irritation. Prevention: P264 Wash skin thoroughly after handling. P280 Wear eye protection/ face protection. Response: P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 If eye irritation persists: Get medical advice/

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by NTP.

TION 3: Composition/infor	mat		
Synonyms	:	Rheology Modifier	
Component Di(Ethylene Glycol) Butyl Et	her	CAS-No. 112-34-5	Weight % 40 - 60
		112 04 0	40 00
TION 4: First aid measures	;		
General advice	:	Move out of dangerous area. sheet to the doctor in attenda	Show this material safety data nce.
If inhaled	:	If unconscious, place in recovadvice. If symptoms persist,	very position and seek medical call a physician.
In case of eye contact	:		plenty of water. Remove contact e. Keep eye wide open while ts, consult a specialist.
If swallowed	:		Never give anything by mouth to mptoms persist, call a physician.
TION 5: Firefighting measu	ires		
Flash point	:	124°C (255°F)	
Unsuitable extinguishing media	:	High volume water jet.	
Special protective equipment for fire-fighters	:	Wear self-contained breathing necessary.	g apparatus for firefighting if
Further information	:	Standard procedure for chem measures that are appropriate surrounding environment.	ical fires. Use extinguishing e to local circumstances and the
Fire and explosion protection	:	Normal measures for prevent	ive fire protection.
TION 6: Accidental release	me	asures	
Demonstration			
Personal precautions	•	Use personal protective equip	
Environmental precautions	:	Prevent further leakage or sp product contaminates rivers a respective authorities.	
Methods for cleaning up	:	Soak up with inert absorbent	material (e.g. sand, silica gel, acid

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binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

Handling		
Advice on safe handling	:	Do not breathe vapors/dust. Avoid contact with skin and eyes. For personal protection see section 8. Smoking, eating and drinking should be prohibited in the application area. Dispose of rinse water in accordance with local and national regulations.
Advice on protection against fire and explosion	:	Normal measures for preventive fire protection.
Storage		
Requirements for storage areas and containers	:	Keep container tightly closed in a dry and well-ventilated place. Electrical installations / working materials must comply with the technological safety standards.
Use	:	Rheology Modifier

SECTION 8: Exposure controls/personal protection

Ingredients with workplace control parameters

US

Components	Basis	Value	Control parameters	Note
Di(Ethylene Glycol) Butyl Ether	ACGIH	TWA	10 ppm,	Inhalable fraction and vapor

Engineering measures

Adequate ventilation to control airborned concentrations below the exposure guidelines/limits. Consider the potential hazards of this material (see Section 2), applicable exposure limits, job activities, and other substances in the work place when designing engineering controls and selecting personal protective equipment. If engineering controls or work practices are not adequate to prevent exposure to harmful levels of this material, the personal protective equipment listed below is recommended. The user should read and understand all instructions and limitations supplied with the equipment since protection is usually provided for a limited time or under certain circumstances.

Personal protective equipment

Respiratory protection
 If ventilation or other engineering controls are not adequate to maintain minimal oxygen content of 19.5% by volume under normal atmospheric pressure, a supplied-air NIOSH approved respirator may be appropriate. If exposure to harmful levels of airborne material may occur, a NIOSH approved respirator that provides protection may be appropriate, such as:. Air-Purifying Respirator for Organic Vapors, Dusts and Mists. A positive pressure, air-supplying respirator may be appropriate if there is potential for uncontrolled release, aerosolization, exposure levels are not known, or other circumstances where air-purifying respirators may not provide adequate protection.

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rsion 1.4Revision Date 2023-1Hand protection: The suitability for a specific workplace should be discussed with the producers of the protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough.Eye protection: Eye wash bottle with pure water. Tightly fitting safety goggles.Skin and body protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to th specific work-place. Wear as appropriate:. Protective suit. Safety shoes.Hygiene measures: When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.	ill-Well™ D294 RM	SAFETY DATA SHE
Hand protection : The suitability for a specific workplace should be discussed with the producers of the protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take inte consideration the specific local conditions under which the product is used, such as the danger of cuts, abraion, and the contact time. Gloves should be discarded and replaced if there is any indication of degradation or chemical breakthrough. Eye protection : Eye wash bottle with pure water. Tightly fitting safety goggles. Skin and body protection : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to th specific work-place. Wear as appropriate:. Protective suit. Safety shoes. Hygiene measures : When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday. CTION 9: Physical and chemical properties Information on basic physical and chemical properties Appearance : viscous Form : viscous Physical state : Iquid Color : Black Odor : Mild Safety data : Not applicable Upper explosion limit : Not applicable Oxidizing properties : No <t< th=""><th></th><th>Revision Date 2023-10-</th></t<>		Revision Date 2023-10-
Skin and body protection : Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to th specific work-place. Wear as appropriate:. Protective suit. Safety shoes. Hygiene measures : When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday. CTION 9: Physical and chemical properties Information on basic physical and chemical properties Appearance : viscous Form : viscous Physical state : ilguid Color : Black Odor : Mild Safety data : 124°C (255°F) Lower explosion limit : Not applicable Upper explosion limit : Not applicable OH : : : PH : : : PH : : : PH : : : Color : : : Odor : : : Upper explosion limit : Not applicable pH : : :		: The suitability for a specific workplace should be discussed with the producers of the protective gloves. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Gloves should be discarded and replaced if there
concentration and amount of dangerous substances, and to th specific work-place. Wear as appropriate Protective suit. Safety shoes.Hygiene measuresWhen using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.CTION 9: Physical and chemical propertiesInformation on basic physical and chemical propertiesAppearanceiliquidForm: viscousPhysical state: liquidColor: BlackOdor: MildSafety dataFlash point: 124°C (255°F)Lower explosion limit: Not applicableUpper explosion limit: Not applicablepH: 6 - 8Pour point: 7°C (20°F)Melting point/range: 7°°C (20°F)Boiling point/boiling range: 230°C (446°F)Vapor pressure: Not applicable	Eye protection	: Eye wash bottle with pure water. Tightly fitting safety goggles.
Wash hands before breaks and at the end of workday. CTION 9: Physical and chemical properties Appearance Form : viscous Physical state : liquid Color : Black Odor : Mild Safety data Flash point : 124°C (255°F) Lower explosion limit : Not applicable Oxidizing properties : Not applicable pH : 6 - 8 Pour point : 7°C (20°F) Kelting point/range -7°C (20°F) Boiling point/boiling range : 230°C (446°F) Vapor pressure : Not applicable	Skin and body protection	concentration and amount of dangerous substances, and to the specific work-place. Wear as appropriate:. Protective suit.
Information on basic physical and chemical properties Appearance Form : viscous Physical state : liquid Color : Black Odor : Mild Safety data	Hygiene measures	
AppearanceForm:viscousPhysical state:ilquidColor:BlackOdor:WildSafety data:124°C (255°F)Lower explosion limit:Not applicableUpper explosion limit:Not applicableOxidizing properties:NotMolecular weight:for applicablepH:6-8Pour point:-7°C (20°F)Melting point/range:-7°C (20°F)Boiling point/boiling range:230°C (446°F)Vapor pressure:Not applicable	CTION 9: Physical and chen	lical properties
Norm: ViscousPhysical state: liquidColor: BlackColor: MildSafety dataFlash point: 124°C (255°F)Lower explosion limit: Not applicableUpper explosion limit: Not applicableOxidizing properties: Not applicablePH: 6 - 8Pour point: 6 - 8Pour point: 7°C (20°F)Kelting point/range: 230°C (446°F)Boiling point/boiling range: 230°C (446°F)Vapor pressure: Not applicable	Information on basic phys	ical and chemical properties
Physical state Color: liquid : Black : MildSafety dataFlash point: 124°C (255°F)Lower explosion limit: Not applicableUpper explosion limit: Not applicableOxidizing properties: Not applicableMolecular weight: Not applicablepH: 6 - 8Pour point: 7°C (20°F)Kelting point/range: -7°C (20°F)Boiling point/boiling range: 230°C (446°F)Vapor pressure: Not applicable	Appearance	
Flash point: 124°C (255°F)Lower explosion limit: Not applicableUpper explosion limit: Not applicableOxidizing properties: NoMolecular weight: Not applicablepH: 6 - 8Pour point: -7°C (20°F)Melting point/range: -7°C (20°F)Freezing point: 68°C (-90°F)Boiling point/boiling range: 230°C (446°F)Vapor pressure: Not applicable	Physical state Color	: liquid : Black
Lower explosion limit: Not applicableUpper explosion limit: Not applicableOxidizing properties: NoMolecular weight: Not applicablepH: 6 - 8Pour point: -7°C (20°F)Melting point/range: -7°C (20°F)Freezing point: 68°C (-90°F)Boiling point/boiling range: 230°C (446°F)Vapor pressure: Not applicable	Safety data	
Upper explosion limit: Not applicableOxidizing properties: NoMolecular weight: Not applicablepH: 6 - 8Pour point: -7°C (20°F)Melting point/range: -7°C (20°F)Freezing point: -8°C (-90°F)Boiling point/boiling range: 230°C (446°F)Vapor pressure: Not applicable	Flash point	: 124°C (255°F)
Oxidizing properties: NoMolecular weight: Not applicablepH: 6 - 8Pour point: -7°C (20°F)Melting point/range-7°C (20°F)Freezing point-68°C (-90°F)Boiling point/boiling range: 230°C (446°F)Vapor pressure: Not applicable	Lower explosion limit	: Not applicable
Molecular weight: Not applicablepH: 6 - 8Pour point: -7°C (20°F)Melting point/range: -7°C (20°F)Freezing point: -68°C (-90°F)Boiling point/boiling range: 230°C (446°F)Vapor pressure: Not applicable	Upper explosion limit	: Not applicable
pH:6 - 8Pour point:-7°C (20°F)Melting point/range:-7°C (20°F)Freezing point:68°C (-90°F)Boiling point/boiling range:230°C (446°F)Vapor pressure:Not applicable	Oxidizing properties	: No
Pour point: -7°C (20°F)Melting point/range-7°C (20°F)Freezing point-68°C (-90°F)Boiling point/boiling range: 230°C (446°F)Vapor pressure: Not applicable	Molecular weight	: Not applicable
Melting point/range-7°C (20°F)Freezing point-68°C (-90°F)Boiling point/boiling range: 230°C (446°F)Vapor pressure: Not applicable	рН	: 6-8
Freezing point-68°C (-90°F)Boiling point/boiling range: 230°C (446°F)Vapor pressure: Not applicable	Pour point	: -7°C (20°F)
Boiling point/boiling range: 230°C (446°F)Vapor pressure: Not applicable	Melting point/range	-7°C (20°F)
Vapor pressure : Not applicable	Freezing point	-68°C (-90°F)
	Boiling point/boiling range	: 230°C (446°F)
Relative density : 0.978	Vapor pressure	: Not applicable
	Relative density	: 0.978
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Solubility in other solvents	: partly soluble
CTION 10: Stability and react	ivity
Reactivity	: Stable at normal ambient temperature and pressure.
Chemical stability	: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Possibility of hazardous rea	actions
Hazardous reactions	: Further information: No decomposition if stored and applied as directed.
Conditions to avoid	: No data available.
Other data	: No decomposition if stored and applied as directed.
CTION 11: Toxicological info	rmation
Acute oral toxicity	
Acute oral toxicity Di(Ethylene Glycol) Butyl Ether	: LD50: 5,530 mg/kg Species: Mouse Sex: male
Di(Ethylene Glycol) Butyl	Species: Mouse
Di(Ethylene Glycol) Butyl Ether Drill-Well™ D294 RM	Species: Mouse Sex: male : Acute toxicity estimate: 4,607 mg/kg
Di(Ethylene Glycol) Butyl Ether Drill-Well™ D294 RM	 Species: Mouse Sex: male Acute toxicity estimate: 4,607 mg/kg Method: Calculation method Acute toxicity estimate: 4,607 mg/kg
Di(Ethylene Glycol) Butyl Ether Drill-Well™ D294 RM Acute dermal toxicity	 Species: Mouse Sex: male Acute toxicity estimate: 4,607 mg/kg Method: Calculation method Acute toxicity estimate: 4,607 mg/kg Method: Calculation method
Di(Ethylene Glycol) Butyl Ether Drill-Well™ D294 RM Acute dermal toxicity Skin irritation Di(Ethylene Glycol) Butyl	 Species: Mouse Sex: male Acute toxicity estimate: 4,607 mg/kg Method: Calculation method Acute toxicity estimate: 4,607 mg/kg Method: Calculation method slight irritation.
Di(Ethylene Glycol) Butyl Ether Drill-Well™ D294 RM Acute dermal toxicity Skin irritation Di(Ethylene Glycol) Butyl Ether Eye irritation Di(Ethylene Glycol) Butyl	 Species: Mouse Sex: male Acute toxicity estimate: 4,607 mg/kg Method: Calculation method Acute toxicity estimate: 4,607 mg/kg Method: Calculation method slight irritation.
Di(Ethylene Glycol) Butyl Ether Drill-Well™ D294 RM Acute dermal toxicity Skin irritation Di(Ethylene Glycol) Butyl Ether Di(Ethylene Glycol) Butyl Ether Sensitization	 Species: Mouse Sex: male Acute toxicity estimate: 4,607 mg/kg Method: Calculation method Acute toxicity estimate: 4,607 mg/kg Method: Calculation method slight irritation.
Di(Ethylene Glycol) Butyl Ether Drill-Well™ D294 RM Acute dermal toxicity Skin irritation Di(Ethylene Glycol) Butyl Ether Eye irritation Di(Ethylene Glycol) Butyl Ether Sensitization Di(Ethylene Glycol) Butyl	 Species: Mouse Sex: male Acute toxicity estimate: 4,607 mg/kg Method: Calculation method Acute toxicity estimate: 4,607 mg/kg Method: Calculation method slight irritation. Eye irritation

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Ether	 Sex: Male and female Application Route: Oral NOEL: 250 mg/kg Lowest observable effect level: 1,000 mg/kg Method: OECD Test Guideline 408 Target Organs: Blood, Liver, Kidney Species: Rat, Male and female Sex: Male and female Application Route: inhalation (vapor) NOEL: 94 mg/m3 Method: OECD Guideline 413 Target Organs: Lungs Species: Rat, Male and female Sex: Male and female Application Route: Dermal NOEL: 2,000 mg/kg Target Organs: Skin
Genotoxicity in vitro	
Di(Ethylene Glycol) Butyl Ether	 Test Type: Ames test Concentration: 0.2, 1.5, 10, 20 Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 471 Result: negative Test Type: Chromosome aberration test in vitro Metabolic activation: with and without metabolic activation Method: OECD Guideline 476 Result: negative
Genotoxicity in vivo	
Di(Ethylene Glycol) Butyl Ether	: Test Type: Mouse micronucleus assay Species: Mouse Route of Application: Oral Result: negative
Reproductive toxicity	
Di(Ethylene Glycol) Butyl Ether	 Species: Mouse Sex: male and female Application Route: Oral Dose: 0, 720, 1340, 2050mg/kg bw Number of exposures: continuous Test period: 14 weeks Method: OECD Test Guideline 416 NOAEL Parent: 720 mg/kg NOAEL F1: 720 mg/kg NOAEL F2: 720 mg/kg Information given is based on data obtained from similar substances.
Developmental Toxicity	
Di(Ethylene Glycol) Butyl	: Species: Rat

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Ether	Application Route: Oral diet Dose: 25, 115, 633 mg/kg/d Number of exposures: GD 0 -20 d Method: OECD Guideline 414 NOAEL Teratogenicity: 633 mg/kg NOAEL Maternal: 633 mg/kg No adverse effects expected
	Species: Rabbit Application Route: Dermal Dose: 25, 115, 633 mg/kg/d Exposure time: 4 h/d Number of exposures: GD 8 -19 d Method: OECD Guideline 414 NOAEL Teratogenicity: 1,000 mg/kg NOAEL Maternal: 1,000 mg/kg No adverse effects expected
CMR effects	
Di(Ethylene Glycol) Butyl Ether	 Carcinogenicity: Not available 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: Animal testing did not show any effects on fertility.
CTION 12: Ecological inform	-
CTION 12: Ecological inform Ecotoxicity effects	
Ecotoxicity effects Toxicity to fish	nation
Ecotoxicity effects	
Ecotoxicity effects Toxicity to fish Di(Ethylene Glycol) Butyl	ation : LC50: > 1,000 mg/l Exposure time: 96 h Species: Scophthalmus maximus (Flatfish, Flounder) semi-static test Method: OECD Test Guideline 203
Ecotoxicity effects Toxicity to fish Di(Ethylene Glycol) Butyl Ether	ation : LC50: > 1,000 mg/l Exposure time: 96 h Species: Scophthalmus maximus (Flatfish, Flounder) semi-static test Method: OECD Test Guideline 203
Ecotoxicity effects Toxicity to fish Di(Ethylene Glycol) Butyl Ether Toxicity to daphnia and oth Di(Ethylene Glycol) Butyl	 LC50: > 1,000 mg/l Exposure time: 96 h Species: Scophthalmus maximus (Flatfish, Flounder) semi-static test Method: OECD Test Guideline 203 her aquatic invertebrates EC50: > 1,000 mg/l Exposure time: 48 h Species: Acartia tonsa (Marine Copepod)
Ecotoxicity effects Toxicity to fish Di(Ethylene Glycol) Butyl Ether Toxicity to daphnia and otl Di(Ethylene Glycol) Butyl Ether	 LC50: > 1,000 mg/l Exposure time: 96 h Species: Scophthalmus maximus (Flatfish, Flounder) semi-static test Method: OECD Test Guideline 203 her aquatic invertebrates EC50: > 1,000 mg/l Exposure time: 48 h Species: Acartia tonsa (Marine Copepod)

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Biodegradability	: Taking into consideration the properties of several ingredients, the product is estimated not to be readily biodegradable according to OECD classification.
Elimination information (persis	stence and degradability)
Bioaccumulation	: This material is not expected to bioaccumulate.
Mobility	: No data available
Results of PBT assessment Di(Ethylene Glycol) Butyl Ether	: This substance is not considered to be persistent, bioaccumulating and toxic (PBT)., This substance is not considered to be very persistent and very bioaccumulating (vPvB).
Additional ecological information	: No data available No data available
Ecotoxicology Assessment	
Short-term (acute) aquatic hazard	: This material is not expected to be harmful to aquatic organisms.
Long-term (chronic) aquatic hazard	: This material is not expected to be harmful to aquatic organisms.
TION 13: Disposal consideration	ations
The information in this SDS p	ertains only to the product as shipped.
may meet the criteria of a haz other State and local regulation regulated components may be	burpose or recycle if possible. This material, if it must be discarded, ardous 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.
CTION 14: Transport information	ion
	hown here are for bulk shipments only, and may not apply to ages (see regulatory definition).
Goods Regulations for addition	stic or international mode-specific and quantity-specific Dangerous nal shipping description requirements (e.g., technical name or name on shown here, may not always agree with the bill of lading shipping
	lashpoints for the material may vary slightly between the SDS and t

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	DEPARTMENT OF TRANSPORTATION) HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR THIS AGENCY.
	IAL MARITIME DANGEROUS GOODS) HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR THIS AGENCY.
	R TRANSPORT ASSOCIATION) HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR THIS AGENCY.
	NGEROUS GOODS BY ROAD (EUROPE)) HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR THIS AGENCY.
RID (REGULATIONS CONC	CERNING THE INTERNATIONAL TRANSPORT OF
DANGEROUS GOODS (EU NOT REGULATED AS A TRANSPORTATION BY	HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR
OF DANGEROUS GOODS	MENT CONCERNING THE INTERNATIONAL CARRIAGE BY INLAND WATERWAYS) HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR THIS AGENCY.
Maritime transport in bulk	according to IMO instruments
SECTION 15: Regulatory inform	nation
National legislation	
SARA 311/312 Hazards	: Serious eye damage or eye irritation
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	: This material does not contain any components with a section 302 EHS TPQ.
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SARA 304 Reportable Quantity	: This material does not contain any components with a section 304 EHS RQ.
SARA 313 Components	: The following components are subject to reporting levels established by SARA Title III, Section 313:
	: Di(Ethylene Glycol) Butyl Ether - 112-34-5
Clean Air Act	
Potential Class	product neither contains, nor was manufactured with a Class I or s II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR Subpt. A, App.A + B).
The following chemical(s) a	re listed as HAP under the U.S. Clean Air Act, Section 112 (40 CFR 6 : Di(Ethylene Glycol) Butyl Ether - 112-34-5
Accidental Release Prevent The following chemical(s) a	ain any chemicals listed under the U.S. Clean Air Act Section 112(r) fo tion (40 CFR 68.130, Subpart F). re listed under the U.S. Clean Air Act Section 111 SOCMI Intermediat
Final VOC's (40 CFR 60.48	 Di(Ethylene Glycol) Butyl Ether - 112-34-5
US State Regulations	
Pennsylvania Right To Kno	w : Di(Ethylene Glycol) Butyl Ether - 112-34-5
Notification status Europe REACH	: A substance or substances in this product is not registered or notified to be registered. Importation or manufacture of this product is still permitted provided that it does not exceed the REACH minimum threshold
Switzerland CH INV United States of America (L TSCA Canada NDSL	quantity of the non-regulated substances.Not in compliance with the inventory

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Australia AIIC : New Zealand NZIoC : Japan ENCS : Philippines PICCS : Taiwan TCSI : Korea KECI :		: Not in : Not in : Not in : Not in : A subs notified by CP0 Import permit themse amour	d to be registere Chem according ation or manufa ted provided the elves notified th t does not exce	n the inventory n the inventory n the inventory
China IECS(`	· Not in	compliance with	a the inventory
	China IECSC Philippines PICCS		compliance with	
TION 16: Oth	ner information			
		Fire Hazard: 1 Reactivity Haza	ard: 0	2 0
Further info		t version are bi	ablighted in the	
Significant ch previous vers The informati The informati information a	aanges since the las sions. ion in this SDS perta ion provided in this nd belief at the date	ains only to the Safety Data She of its publicatio	product as ship pet is correct to on. The informat	the best of our knowledge, tion given is designed only as a
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SAFETY DATA SHEET

Version 1.4

	Chemicals Association		
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%	ATE	Acute toxicity estimate