

## Sulfolane - A Anhydrous

Version 2.4

Revision Date 2021-09-14

CTION 1: Identification of the	e su	ibstance/mixture and of the company/undertaking
Product information		
Product Name Material	:	Sulfolane - A Anhydrous 1126072, 1125132, 1122438, 1115722, 1114955, 1100709, 1098522, 1093880, 1024635, 1024637, 1024641, 1024640, 1024644, 1024636, 1024639, 1024638, 1032498, 1024634
Use	:	Solvent
Company	:	Chevron Phillips Chemical Company LP Specialty Chemicals 10001 Six Pines Drive The Woodlands, TX 77380
Emergency telephone:		
EUROPE: BIG +32.14.58 Mexico CHEMTREC 01-8 South America SOS-Cote Argentina: +(54)-1159839	ona 00 o 12 9 454 300- ec In 9431	l) r 703.527.3887(int'l) 186 1132) China: 0532 8388 9090 .5 (phone) or +32.14583516 (telefax) 681-9531 (24 hours) nside Brazil: 0800.111.767 Outside Brazil: +55.19.3467.1600
Responsible Department E-mail address Website		Product Safety and Toxicology Group SDS@CPChem.com www.CPChem.com
CTION 2: Hazards identificat	ion	
<b>Classification of the substance or mixture</b> This product has been classified in accordance with the hazard communication standard 29 CFR 1910.1200; the SDS and labels contain all the information as required by the standard.		
Classification	:	Reproductive toxicity, Category 1B
Labeling		
S Number:100000014122		1/15

$\square \square $	0115	
Ilfolane - A Anhydro rsion 2.4	505	Revision Date 2021-09-
Symbol(s)		
Signal Word	: Danger	
Hazard Statements	: H360: May damage fert	tility or the unborn child.
Precautionary Statements	<ul> <li>P202 Do not handle un read and understood.</li> <li>P280 Wear protective g protection/ face protection</li> <li><b>Response:</b></li> <li>P308 + P313 IF expose attention.</li> <li><b>Disposal:</b></li> </ul>	structions before use. til all safety precautions have been gloves/ protective clothing/ eye n. ed or concerned: Get medical advice/ nts/ container to an approved waste
Carcinogenicity:		
IARC NTP	equal to 0.1% is identified a human carcinogen by IARC No ingredient of this produc	ct present at levels greater than or as probable, possible or confirmed C. ct present at levels greater than or as a known or anticipated carcinogen
CTION 3: Composition/info	rmation on ingredients	
Synonyms	: Tetramethylene Sulfone Sulfolane Anhydrous Tetrahydrothiophene 1,1-	dioxide
	: C4H8SO2	
Molecular formula		
Molecular formula Component Sulfolane	CAS-No. 126-33-0	Weight % 99 - 100
Component	126-33-0	
Component Sulfolane	126-33-0	99 - 100 rea. Show this material safety data
Component Sulfolane CTION 4: First aid measure	<ul> <li>126-33-0</li> <li>es</li> <li>Move out of dangerous ar sheet to the doctor in atte</li> </ul>	99 - 100 rea. Show this material safety data endance. ecovery position and seek medical
Component Sulfolane CTION 4: First aid measure General advice	<ul> <li>126-33-0</li> <li>S</li> <li>Move out of dangerous ar sheet to the doctor in atte</li> <li>If unconscious, place in readvice. If symptoms pers</li> <li>Flush eyes with water as lenses. Protect unharmed</li> </ul>	99 - 100 rea. Show this material safety data endance. ecovery position and seek medical

folane - A Anhydro	IIC	SAFETY DATA SH
sion 2.4	45	Revision Date 2021-0
If swallowed	:	Keep respiratory tract clear. 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.
TION 5: Firefighting measu	res	
Flash point	:	166°C (331°F) Method: closed cup
Autoignition temperature	:	No data available
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.
Special protective equipment for fire-fighters	:	Wear self-contained breathing apparatus for firefighting if necessary.
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.
Fire and explosion protection	:	Normal measures for preventive fire protection.
Hazardous decomposition products	:	Carbon oxides. Sulfur oxides.
TION 6: Accidental release	me	asures
Personal precautions	:	Use personal protective equipment.
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.
Methods for cleaning up	:	Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.
TION 7: Handling and stora	ge	
Handling		
Advice on safe handling	:	Do not breathe vapors/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. Dispose of rinse water in accordance with local and national
Number:100000014122		3/15

					SA	FETY DATA S	SHEI
ulfolane - A Anhydro	ous						
ersion 2.4					Revisi	ion Date 2021	-09-
		regulation	S.				
Advice on protection against fire and explosion	:	Normal m	easures for pi	reventi	ve fire protection		
Storage							
Requirements for storage areas and containers	:	Observe la	abel precautio	ons. E	in a dry and well- lectrical installation e technological sa	ons / working	
Use	:	Solvent					
CTION 8: Exposure controls	lnor	conal prot	oction				
	"poi						
	_						
evron Phillips Chemical Company L omponents	-P Bas	:					
omponents			Value		Control parameters	Note	
ulfolane		ufacturer	Value TWA		Control parameters 0.37 ppm,	Note	
	Man rol a rds c ices ent. of this	irborned co of this mater in the work If engineeri s material, t I read and u	TWA ncentrations I ial (see Section place when d ng controls or he personal p inderstand all	below t on 2), a lesignin r work protecti	0.37 ppm, the exposure guid applicable expose ng engineering co practices are not ve equipment list ctions and limitati	delines/limits. ure limits, job ontrols and se adequate to p ed below is ons supplied	oreve with
Engineering measures Adequate ventilation to cont Consider the potential hazar activities, and other substan personal protective equipme exposure to harmful levels o recommended. The user sh	Man rol a rds c ices ent. of this nould ion is	irborned co if this mater in the work If engineeri s material, t I read and u s usually pro	TWA ncentrations I ial (see Section place when d ng controls or he personal p inderstand all	below t on 2), a lesignin r work protecti	0.37 ppm, the exposure guid applicable expose ng engineering co practices are not ve equipment list ctions and limitati	delines/limits. ure limits, job ontrols and se adequate to p ed below is ons supplied	oreve with

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 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 : SDS Number:100000014122 4/15

Ifolane - A Anhydrou	JS
sion 2.4	Revision Date 2021-0
	concentration and amount of dangerous substances, and to the 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.
TION 9: Physical and chemi	cal properties
Information on basic physi	cal and chemical properties
Appearance	
Form Physical state Color Odor	: liquid : liquid : Clear : Mild
Safety data	
Flash point	: 166°C (331°F) Method: closed cup
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Oxidizing properties	: No
Autoignition temperature	: No data available
Molecular formula	: C4H8SO2
Molecular weight	: 120.18 g/mol
рН	: Not applicable
Freezing point	: 26°C (79°F)
Pour point	No data available
Boiling point/boiling range	: 282-288°C (540-550°F)
Vapor pressure	: 1.14 MMHG at 37.8°C (100.0°F)
Relative density	: 1.26 at 30 °C (86 °F)
Density	: 1.26 G/ML
Water solubility	: Miscible
Partition coefficient: n- octanol/water	: log Pow: 0 at 20°C (68°F)
Viscosity, kinematic	: No data available
Number:100000014122	5/15

lfolane - A Anhydrou	SAFETY DATA SHE
sion 2.4	Revision Date 2021-09
Relative vapor density	: 3 (Air = 1.0)
Evaporation rate	: 1
Percent volatile	: > 99 %
TION 10: Stability and reactiv	vity
Reactivity	: Stable under recommended storage conditions.
Chemical stability	: This material is considered stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
Possibility of hazardous rea	ctions
Hazardous reactions	: Hazardous reactions: Hazardous polymerization does not occur.
Conditions to avoid	: No data available.
Materials to avoid Hazardous decomposition products	<ul> <li>May react with oxygen and strong oxidizing agents, such as chlorates, nitrates, peroxides, etc.</li> <li>Carbon oxides Sulfur oxides</li> </ul>
Other data	: No decomposition if stored and applied as directed.
CTION 11: Toxicological inform	mation
Acute oral toxicity	
Sulfolane	: LD50: 2,068 mg/kg Species: Rat Sex: male and female Method: OECD Test Guideline 401
Acute inhalation toxicity	
Sulfolane	: LC50: > 12000 mg/m3Exposure time: 4 h Species: Rat Sex: male and female Test atmosphere: vapor An LC50/inhalation/4h/rat could not be determined because no mortality of rats was observed at the maximum achievable concentration.
Acute dermal toxicity	

ulfolono A Anhydrou	SAFETY DATA SHE
Ilfolane - A Anhydrou rsion 2.4	Revision Date 2021-09-
Sulfolane	: LD50: > 2,000 mg/kg Species: Rat Method: Directive 67/548/EEC, Annex V, B.3.
Skin irritation	
Sulfolane	: No skin irritation
<b>Eye irritation</b> Sulfolane	: No eye irritation
Sensitization	
Sulfolane	: Did not cause sensitization on laboratory animals.
Repeated dose toxicity	
Sulfolane	<ul> <li>Species: Rat, Male and female Sex: Male and female Application Route: Oral Dose: 60, 200, 700 mg/kg bw/day Exposure time: 28 days Number of exposures: Daily NOEL: 200 mg/kg bw/day Lowest observable effect level: 700 mg/kg bw/day</li> </ul>
S Number:100000014122	7/15

\_\_\_\_\_

# Sulfolane - A Anhydrous

Version 2.4

Revision Date 2021-09-14

Version 2.4	
	Species: Rat Application Route: Inhalation Dose: 2.8, 4.0, 20 mg/m3 Exposure time: 90-110 days Number of exposures: 23 hrs/d, 7d/wk NOEL: 20 mg/m3 Species: Guinea pig Application Route: Inhalation Dose: 4.0, 20, 159, 200 mg/m3 Exposure time: 90-110 days Number of exposures: 23 hrs/d, 7 d/wk NOEL: 159 mg/m3 Target Organs: Lungs, Blood, Liver Species: Rat, male Sex: male Application Route: Oral diet Dose: 2.1, 8.8, 35, 131.7 mg/kg/d Exposure time: 13 wk Number of exposures: Daily NOEL: 8.8 mg/kg Method: OECD Test Guideline 408 Target Organs: Kidney Species: Rat, female Sex: female Application Route: Oral diet Dose: 2.9, 10.6, 42, 191.1 mg/kg/d Exposure time: 13 wk Number of exposures: Daily
	NOEL: 2.9 mg/kg Method: OECD Test Guideline 408 Torget Organa: Blood
	Target Organs: Blood
Genotoxicity in vitro	
Sulfolane	<ul> <li>f. Test Type: Ames test Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 471 Result: negative</li> </ul>
SDS Number:100000014122	8/15

folane - A Anhydro	SAFETY DATA SH
sion 2.4	Revision Date 2021-0
	Test Type: Mouse lymphoma assay Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 476 Result: negative
	Test Type: Sister Chromatid Exchange Assay Metabolic activation: with and without metabolic activation Result: negative
	Test Type: Chromosome aberration test in vitro Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 473 Result: negative
	Test Type: Mouse lymphoma assay Metabolic activation: with and without metabolic activation Method: OECD Test Guideline 490 Result: negative
Reproductive toxicity	
Sulfolane	<ul> <li>Species: Rat Sex: female</li> <li>Application Route: oral gavage</li> <li>Dose: 60, 200, 700 mg/kg</li> <li>Number of exposures: Daily</li> <li>Test period: 2 wk premating to lactation D4</li> <li>Method: OECD Guideline 421</li> <li>NOAEL Parent: 200 mg/kg bw/day</li> <li>NOAEL F1: 60 mg/kg bw/day</li> <li>Decrease birth index and number of pups</li> </ul>
Developmental Toxicity	
Sulfolane	: Species: Rat Application Route: oral gavage Dose: 60, 200, 700 mg/kg Number of exposures: Daily Test period: 2 wk premating to lactation D4 NOAEL Teratogenicity: 60 mg/kg bw/day NOAEL Maternal: 200 mg/kg bw/day
	Species: Rat Application Route: oral gavage Dose: 100, 200, 500 mg/kg/day Number of exposures: Daily Test period: GD 1 - 19 NOAEL Teratogenicity: 200 mg/kg NOAEL Maternal: 100 mg/kg May damage the unborn child.
Sulfolane - A Anhydrous Aspiration toxicity	: No aspiration toxicity classification.
CMR effects	
Sulfolane	: Carcinogenicity: Not available Mutagenicity: Tests on bacterial or mammalian cell cultures
Number:100000014122	9/15

Ifolane - A Anhydrou	SAFETY DATA SHE
sion 2.4	Revision Date 2021-09
	did not show mutagenic effects. Reproductive toxicity: Clear evidence of adverse effects on sexual function and fertility, and/or on development, based on animal experiments
Sulfolane - A Anhydrous Further information	: No data available.
CTION 12: Ecological informa	tion
Toxicity to fish	
Sulfolane	: LC50: > 100 mg/l Exposure time: 96 h Species: Oryzias latipes (Orange-red killifish) static test Method: OECD Test Guideline 203
Toxicity to daphnia and othe	er aquatic invertebrates
Sulfolane	: EC50: 852 mg/l Exposure time: 48 h Species: Daphnia magna (Water flea) static test Method: OECD Test Guideline 202
Toxicity to algae	
Sulfolane	: EC50: 500 mg/l Exposure time: 72 h Species: Pseudokirchneriella subcapitata (green algae) Method: OECD Test Guideline 201
	NOEC: 171 mg/l Exposure time: 72 h Species: Pseudokirchneriella subcapitata (green algae) Method: OECD Test Guideline 201
Biodegradability	
Sulfolane	: Result: Not readily biodegradable. 10.1 % Testing period: 14 d Method: OECD Test Guideline 301C
Bioaccumulation	
Sulfolane	: Bioconcentration factor (BCF): < 1.3 This material is not expected to bioaccumulate.
Mobility	
Sulfolane	: No data available

### Sulfolane - A Anhydrous

SAFETY DATA SHEET

Version 2.4

Revision Date 2021-09-14

Results of PBT assessment Sulfolane	:	Non-classified vPvB substance, Non-classified PBT substance	
Additional ecological information	:	This material is not expected to be harmful to aquatic organisms.	
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.	

#### **SECTION 13: Disposal considerations**

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

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

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.

#### **SECTION 14: Transport information**

The shipping descriptions shown here are for bulk shipments only, and may not apply to shipments in non-bulk packages (see regulatory definition).

Consult the appropriate domestic or international mode-specific and quantity-specific Dangerous Goods Regulations for additional shipping description requirements (e.g., technical name or names, etc.) Therefore, the information shown here, may not always agree with the bill of lading shipping description for the material. Flashpoints for the material may vary slightly between the SDS and the bill of lading.

#### US DOT (UNITED STATES DEPARTMENT OF TRANSPORTATION)

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

#### IMO / IMDG (INTERNATIONAL MARITIME DANGEROUS GOODS)

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.

#### IATA (INTERNATIONAL AIR TRANSPORT ASSOCIATION)

NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR

SDS Number:100000014122

11/15

## Sulfolane - A Anhydrous

Revision Date 2021-09-14

Version 2.4

TRANSPORTATION BY THIS AGENCY.

ADR (AGREEMENT ON DANGEROUS GOODS BY ROAD (EUROPE)) NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.					
RID (REGULATIONS CONCERNING THE INTERNATIONAL TRANSPORT OF DANGEROUS GOODS (EUROPE)) NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.					
ADN (EUROPEAN AGREEMENT CONCERNING THE INTERNATIONAL CARRIAGE OF DANGEROUS GOODS BY INLAND WATERWAYS) NOT REGULATED AS A HAZARDOUS MATERIAL OR DANGEROUS GOODS FOR TRANSPORTATION BY THIS AGENCY.					
Maritime transport in bul SECTION 15: Regulatory infor	c according to IMO instruments				
National legislation					
SARA 311/312 Hazards	: Reproductive toxicity				
EPCRA - EMERGENCY PL	ANNING COMMUNITY RIGHT - TO – KNOW				
CERCLA Reportable Quantity	: This material does not contain any components with a CERCLA RQ.				
SARA 302 Reportable Quantity	Calculated RQ exceeds reasonably attainable upper limit. Sulfur dioxide				
SARA 302 Threshold Planning Quantity	: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.				
	This material does not contain any components with a section 302 EHS TPQ.				
SARA 304 Reportable Quantity	: Calculated RQ exceeds reasonably attainable upper limit.				
	Sulfur dioxide 7446-09-5 500 lbs				
SDS Number:100000014122	12/15				
000 Number. 1000000 14122	12/15				

Culfalana A Anhudrau	SAFETY DATA SHEET
Sulfolane - A Anhydrous	
Version 2.4	Revision Date 2021-09-14
SARA 313 Components :	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	
Potential Class II	duct neither contains, nor was manufactured with a Class I or ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR ot. A, App.A + B).
Class II (	duct neither contains, nor was manufactured with a Class I or ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR ot. A, App.A + B).
This product does not contain a Act Section 112 (40 CFR 61).	any hazardous air pollutants (HAP), as defined by the U.S. Clean Air
This product does not contain a Accidental Release Prevention	any chemicals listed under the U.S. Clean Air Act Section 112(r) for (40 CFR 68.130, Subpart F).
Final VOC's (40 CFR 60.489):	sted under the U.S. Clean Air Act Section 111 SOCMI Intermediate or Sulfolane - 126-33-0
US State Regulations	
Pennsylvania Right To Know :	Sulfolane - 126-33-0 Sulfur dioxide - 7446-09-5
SDS Number:100000014122	13/15

Ifolane - A Anhydro	US	SAFETY DATA SHE
rsion 2.4		Revision Date 2021-09
California Prop. 65 Components	[listed below], which is [are] I	expose you to chemicals including known to the State of California to reproductive harm. For more /arnings.ca.gov.
	Sulfur dioxide	7446-09-5
Notification status Europe REACH Switzerland CH INV United States of America (US TSCA Canada DSL Other AIIC New Zealand NZIoC Japan ENCS Korea KECI	<ul> <li>regulation 1907/200</li> <li>On the inventory, or</li> <li>On or in compliance TSCA inventory</li> <li>All components of th DSL</li> <li>On the inventory, or</li> <li>On the inventory, or</li> <li>On the inventory, or</li> <li>All substances in thi to be registered, or of CPChem through ar K-REACH regulation permitted if the Kore included on CPCher</li> </ul>	I compliance according to REACH 6/EC. in compliance with the inventory with the active portion of the his product are on the Canadian in compliance with the inventory in compliance with the inventory in compliance with the inventory s product were registered, notified exempted from registration by n Only Representative according to hs. Importation of this product is ean Importer of Record was m's notifications or if the Importer of notified the substances.
Philippines PICCS Taiwan TCSI China IECSC	: On the inventory, or	in compliance with the inventory in compliance with the inventory in compliance with the inventory
CTION 16: Other information		
NFPA Classification	: Health Hazard: 0 Fire Hazard: 1 Reactivity Hazard: 0	
Further information		$\checkmark$
Legacy SDS Number	: 34190	
previous versions. The information in this SDS p The information provided in t	pertains only to the product as sh his Safety Data Sheet is correct t date of its publication. The inform	o the best of our knowledge, nation given is designed only as a
guidance for safe handling, u	nty or quality specification. The ir	

### Sulfolane - A Anhydrous

Version 2.4

Revision Date 2021-09-14

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.

K	ey or legend to abbreviations and a	cronyms use	d 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%		

SDS Number:100000014122