

		ording to Regulation (EC) No. 1907/2006 as amended by (I							
_	Section 1. I	dentification of the Substance/Mixture and of th	e Company/Undertaking						
l.1	Product Code:	9001886							
	Product Name:	Arachidonic Acid sulfonate (sodium salt)							
	Synonyms:	nonadeca-4Z,7Z,10Z,13Z-tetraene-1-sulfonate,	, monosodium salt; AA sulfonate;						
.2	Relevant identified uses of	the substance or mixture and uses advised aga	ainst:						
	Relevant identified uses: For research use only, not for human or veterinary use.								
.3	Details of the Supplier of the Safety Data Sheet:								
	Company Name:	Cayman Chemical Company 1180 E. Ellsworth Rd. Ann Arbor, MI 48108							
	Web site address:	www.caymanchem.com							
	Information:	Cayman Chemical Company	+1 (734)971-3335						
.4	Emergency telephone num	nber:							
	Emergency Contact:	CHEMTREC Within USA and Canada:	+1 (800)424-9300						
		CHEMTREC Outside USA and Canada:	+1 (703)527-3887						
		Section 2. Hazards Identifica	ation						
2.1	Classification of the Subst	ance or Mixture:							
2.1.1		o Regulation (EC) No 1272/2008 [CLP]:							
	Flammable Liquids, Cate								
	-								
	-	Acute Toxicity: Inhalation, Category 3							
	Acute Toxicity: Oral, Category 3								
	Acute Toxicity: Skin, Cat								
	Acute Toxicity: Skin, Cat								
2.2	Acute Toxicity: Skin, Cat	tegory 3							
2.2 2.2.1	Acute Toxicity: Skin, Cat Specific Target Organ To Label Elements:	tegory 3							
	Acute Toxicity: Skin, Cat Specific Target Organ To Label Elements: Labeling according to Reg	tegory 3 oxicity (single exposure), Category 1 gulation (EC) No 1272/2008 [CLP]:							
	Acute Toxicity: Skin, Cat Specific Target Organ To Label Elements: Labeling according to Reg GHS Signal Word:	tegory 3 oxicity (single exposure), Category 1							
	Acute Toxicity: Skin, Cat Specific Target Organ To Label Elements: Labeling according to Reg GHS Signal Word: GHS Hazard Phrases:	tegory 3 oxicity (single exposure), Category 1 gulation (EC) No 1272/2008 [CLP]: Output Danger							
	Acute Toxicity: Skin, Cat Specific Target Organ To Label Elements: Labeling according to Reg GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable light	tegory 3 oxicity (single exposure), Category 1 gulation (EC) No 1272/2008 [CLP]: Output Danger							
	Acute Toxicity: Skin, Cat Specific Target Organ To Label Elements: Labeling according to Reg Office Action of the Action GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable lice H331: Toxic if inhaled.	tegory 3 oxicity (single exposure), Category 1 gulation (EC) No 1272/2008 [CLP]: Output Danger							
	Acute Toxicity: Skin, Cat Specific Target Organ To Label Elements: Labeling according to Reg GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable lic H331: Toxic if inhaled. H301: Toxic if swallowed.	tegory 3 oxicity (single exposure), Category 1 gulation (EC) No 1272/2008 [CLP]: Danger quid and vapor.							
	Acute Toxicity: Skin, Cat Specific Target Organ To Label Elements: Labeling according to Reg GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable lid H331: Toxic if inhaled. H301: Toxic if swallowed. H311: Toxic in contact with	tegory 3 oxicity (single exposure), Category 1 gulation (EC) No 1272/2008 [CLP]: Danger guid and vapor.							
	Acute Toxicity: Skin, Cat Specific Target Organ To Label Elements: Labeling according to Reg Office Action of the State GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable lice H331: Toxic if inhaled. H301: Toxic if swallowed. H311: Toxic in contact with H370: Causes damage to	tegory 3 poxicity (single exposure), Category 1 gulation (EC) No 1272/2008 [CLP]: Danger Danger quid and vapor.							
	Acute Toxicity: Skin, Cat Specific Target Organ To Label Elements: Labeling according to Reg Office Content Acute Toxic If State Signal Word: GHS Hazard Phrases: H225: Highly flammable lice H331: Toxic if inhaled. H301: Toxic if swallowed. H311: Toxic if swallowed. H311: Toxic in contact with H370: Causes damage to GHS Precaution Phrases	tegory 3 oxicity (single exposure), Category 1 gulation (EC) No 1272/2008 [CLP]: Danger Danger quid and vapor.							
	Acute Toxicity: Skin, Cat Specific Target Organ To Label Elements: Labeling according to Reg Constraints Constrain	tegory 3 posicity (single exposure), Category 1 gulation (EC) No 1272/2008 [CLP]: Danger Danger quid and vapor.							
	Acute Toxicity: Skin, Cat Specific Target Organ To Label Elements: Labeling according to Reg Construction GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable lice H331: Toxic if inhaled. H301: Toxic if swallowed. H311: Toxic if swallowed. H311: Toxic in contact with H370: Causes damage to GHS Precaution Phrases P210: Keep away from {he P280: Wear {protective glob	tegory 3 posicity (single exposure), Category 1 gulation (EC) No 1272/2008 [CLP]: Danger Danger quid and vapor. h skin. eyes. S: pat/sparks/open flames/hot surfaces} No smoking. poves/protective clothing/eye protection/face protection							
	Acute Toxicity: Skin, Cat Specific Target Organ To Label Elements: Labeling according to Reg Construction GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable lic H331: Toxic if inhaled. H301: Toxic if swallowed. H311: Toxic if swallowed. H311: Toxic in contact with H370: Causes damage to GHS Precaution Phrases P210: Keep away from {he P280: Wear {protective glob P261: Avoid breathing {dual	tegory 3 pxicity (single exposure), Category 1 gulation (EC) No 1272/2008 [CLP]: Danger Danger quid and vapor. h skin. eyes. s: pat/sparks/open flames/hot surfaces} No smoking. pves/protective clothing/eye protection/face protection st/fume/gas/mist/vapours/spray}.							
	Acute Toxicity: Skin, Cat Specific Target Organ To Label Elements: Labeling according to Reg Construction GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable line H331: Toxic if inhaled. H301: Toxic if swallowed. H311: Toxic if swallowed. H311: Toxic in contact with H370: Causes damage to GHS Precaution Phrases P210: Keep away from {he P280: Wear {protective glo P261: Avoid breathing {dua P264: Wash {hands} thoro	tegory 3 posicity (single exposure), Category 1 gulation (EC) No 1272/2008 [CLP]: Danger Danger quid and vapor. h skin. eyes. s: pat/sparks/open flames/hot surfaces} No smoking. poves/protective clothing/eye protection/face protection st/fume/gas/mist/vapours/spray}. pughly after handling.	on}.						
	Acute Toxicity: Skin, Cat Specific Target Organ To Label Elements: Labeling according to Reg Construction GHS Signal Word: GHS Hazard Phrases: H225: Highly flammable lice H331: Toxic if inhaled. H301: Toxic if swallowed. H301: Toxic if swallowed. H311: Toxic in contact with H370: Causes damage to GHS Precaution Phrases P210: Keep away from {he P280: Wear {protective glob P261: Avoid breathing {du P264: Wash {hands} thoro P361+364: Take off immed	tegory 3 pxicity (single exposure), Category 1 gulation (EC) No 1272/2008 [CLP]: Danger Danger quid and vapor. h skin. eyes. s: pat/sparks/open flames/hot surfaces} No smoking. pves/protective clothing/eye protection/face protection st/fume/gas/mist/vapours/spray}.	on}.						



		Response Phrases							
	P303+361+353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with								
		water/shower.							
		P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.							
		P311: Call a {POISON CENTER/doctor/}.							
			VED: Immediately call a POISC	ON CENTER or doct	or/physician.				
		Rinse mouth.							
			Wash with plenty of soap and v						
		•	ENTER/doctor/} if you feel ur	nwell.					
		-	{see on this label}.						
		Storage and Dispo							
	Please	e refer to Section 7	for Storage and Section 13 for	Disposal informatio	n.				
2.3 Adverse Human H		e Human Health	Causes damage to eyes.						
	Effects and Symptoms:		Material may be irritating to the		nes and upper res	spiratory tract.			
			May be fatal or cause blindne						
			May cause eye, skin, or resp	• •					
			Toxic if swallowed, inhaled, o	-					
			I o the best of our knowledge	e, the toxicological pi	roperties have not	t been thoroughly investigated.			
		Sec	tion 3. Composition	/Information	on Ingredie	nts			
CAS RTE	-	Hazardous Com REACH Registra	ponents (Chemical Name)/ tion No.	Concentration	EC No./ EC Index No.	GHS Classification			
NA NA		Arachidonic Acid su	lfonate (sodium salt)	1.0 %	NA NA	No data available.			
67	-56-1	Methanol		99.0 %	200-659-6	Flam. Liq. 2: H225			
PC14	00000				603-001-00-X	Acute Tox.(O) 3: H301			
						Acute Tox.(D) 3: H311			
						Acute Tox.(I) 3: H331			
						STOT (SE) 1: H370			
			Section 4. Fi	rst Aid Measu	ures				
4.1	Descrip	otion of First Aid	No data available.						
	Measures:								
	In Case	of Inhalation:	Remove to fresh air. If not bre	eathing, give artificia	I respiration or giv	ve oxygen by trained personnel.			
			Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Get immediate medical attention.						
	In Case	of Skin Contact:							
			,	clothing. Get medical attention if symptoms occur. Wash clothing before reuse.					
	In Case	of Eye Contact:	-		-	5 minutes. Have eyes examined			
	in ouse		and tested by medical persor						
	In Case	of Ingestion:			nscious Never di	ve anything by mouth to an			
	in case	of ingestion.		Vash out mouth with water provided person is conscious. Never give anything by mouth to an nconscious person. Get medical attention. Do NOT induce vomiting unless directed to do so by					
			nedical personnel.						
4.2	Import	ant Symptoms and		exposure may cause: confusion, dermatitis, headache, drowsiness, dizziness, gastrointestinal					
7.2	-	, Both Acute and							
			disturbance, weakness.	sturbance, optic nerve damage (blindness), nausea, unconsciousness, vomiting, visual					
	Delaye	u.	May cause convulsions.						
1			Once methanol is absorbed into the body, it is very slowly eliminated.						
	Toxic: danger of very serious irreversible effects through inhalation, in contact with ski								

Multi-region format



Page: 3 of 6

Revision: 04/02/2015

swallowed.

		Section 5	. Fire Fighting Meas	sures				
5.1	Suitable Extinguishing	Use alcohol-resistar	nt foam, carbon dioxide, water,	or dry chemical spray.				
	Media:	Use water spray to	cool fire-exposed containers.					
	Unsuitable Extinguishing	g A solid water stream	n may be inefficient.					
	Media:							
5.2	Flammable Properties and Can release vapors that form explosive mixtures at temperatures at or above the flashpoint.							
	Hazards:	Container explosion	may occur under fire condition	S.				
		Emits toxic fumes u	under fire conditions.					
		Sensitive to static di	ischarge.					
		Vapors can travel to	a source of ignition and flash b	back.				
	Flash Pt:	11.00 C Method U	Ised: Closed Cup					
	Explosive Limits:	LEL: 6.0% at	25.0 C UEL: 36.0%	at 25.0 C				
	Autoignition Pt:	385.00 C						
5.3	-	s: As in any fire, wear	self-contained breathing appara	atus pressure-demand (NIOS	SH approved or			
		-	protective gear to prevent cont					
			s diluted in methanol.	·····				
		Castion 6 A	acidantal Dalagaa M	0001/600				
		Section 6. Ad	ccidental Release M	easures				
6.1	Protective Precautions,		pors and provide adequate vent					
	Protective Equipment and As conditions warrant, wear a NIOSH approved self-contained breathing apparatus, or respirator							
	Emergency Procedures:				ubber gloves).			
6.2	Emergency Procedures: Environmental	and appropriate per		, safety goggles, and heavy r	ubber gloves).			
6.2		and appropriate per	rsonal protection (rubber boots,	, safety goggles, and heavy r	ubber gloves).			
6.2 6.3	Environmental	and appropriate per Take steps to avoic	rsonal protection (rubber boots, I release into the environment,	, safety goggles, and heavy r	ubber gloves).			
	Environmental Precautions: Methods and Material Fo	and appropriate per Take steps to avoid or Contain spill and co	rsonal protection (rubber boots, I release into the environment,	, safety goggles, and heavy r if safe to do so.				
	Environmental Precautions: Methods and Material Fo	and appropriate per Take steps to avoid or Contain spill and co	rsonal protection (rubber boots, d release into the environment, ollect, as appropriate.	, safety goggles, and heavy r if safe to do so.				
	Environmental Precautions: Methods and Material Fo Containment and Cleanin	and appropriate per Take steps to avoid or Contain spill and co ngTransfer to a chemi	rsonal protection (rubber boots, d release into the environment, ollect, as appropriate. ical waste container for disposa	, safety goggles, and heavy r if safe to do so. Il in accordance with local reg				
6.3	Environmental Precautions: Methods and Material Fo Containment and Cleanin Up:	and appropriate per Take steps to avoid or Contain spill and co ngTransfer to a chemi Section 7	rsonal protection (rubber boots, d release into the environment, ollect, as appropriate. ical waste container for disposa	safety goggles, and heavy r if safe to do so. al in accordance with local reg rage				
6.3	Environmental Precautions: Methods and Material Fo Containment and Cleanin Up: Precautions To Be Taker	and appropriate per Take steps to avoid or Contain spill and co ngTransfer to a chemi Section 7 n Avoid breathing dus	rsonal protection (rubber boots, d release into the environment, ollect, as appropriate. ical waste container for disposa 7. Handling and Stor	safety goggles, and heavy r if safe to do so. al in accordance with local reg rage				
6.3	Environmental Precautions: Methods and Material Fo Containment and Cleanin Up:	and appropriate per Take steps to avoid or Contain spill and co ngTransfer to a chemi <u>Section 7</u> n Avoid breathing dus Avoid prolonged or	rsonal protection (rubber boots, d release into the environment, ollect, as appropriate. ical waste container for disposa 7. Handling and Stor t/fume/gas/mist/vapours/spray. repeated exposure.	safety goggles, and heavy r if safe to do so. al in accordance with local reg rage				
6.3	Environmental Precautions: Methods and Material Fo Containment and Cleanin Up: Precautions To Be Taker	and appropriate per Take steps to avoid or Contain spill and con ngTransfer to a chemi Section 7 Avoid breathing dus Avoid prolonged or Keep away from sou	rsonal protection (rubber boots, d release into the environment, ollect, as appropriate. ical waste container for disposa 7. Handling and Stor tt/fume/gas/mist/vapours/spray. repeated exposure. urces of ignition.	, safety goggles, and heavy r if safe to do so. al in accordance with local reg rage				
6.3 7.1	Environmental Precautions: Methods and Material Fo Containment and Cleanin Up: Precautions To Be Taken in Handling:	and appropriate per Take steps to avoid or Contain spill and co ngTransfer to a chemi Section 7 Avoid breathing dus Avoid prolonged or Keep away from sou Take precautionary	rsonal protection (rubber boots, d release into the environment, ollect, as appropriate. ical waste container for disposa 7. Handling and Stor at/fume/gas/mist/vapours/spray. repeated exposure. urces of ignition. measures against static discha	, safety goggles, and heavy r if safe to do so. al in accordance with local reg rage				
6.3	Environmental Precautions: Methods and Material Fo Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken	and appropriate per Take steps to avoid or Contain spill and con ngTransfer to a chemi Section 7 Avoid breathing dus Avoid prolonged or Keep away from sou Take precautionary Neep away from her	rsonal protection (rubber boots, d release into the environment, ollect, as appropriate. ical waste container for disposa 7. Handling and Stor tt/fume/gas/mist/vapours/spray. repeated exposure. urces of ignition. measures against static discha at, sparks, and flame.	, safety goggles, and heavy r if safe to do so. al in accordance with local reg rage				
6.3 7.1	Environmental Precautions: Methods and Material Fo Containment and Cleanin Up: Precautions To Be Taken in Handling:	and appropriate per Take steps to avoid or Contain spill and con mgTransfer to a chemi Section 7 Avoid breathing dus Avoid prolonged or Keep away from sou Take precautionary Keep away from hea Keep container tight	rsonal protection (rubber boots, d release into the environment, ollect, as appropriate. ical waste container for disposa 7. Handling and Stor tt/fume/gas/mist/vapours/spray. repeated exposure. urces of ignition. measures against static discha at, sparks, and flame. tly closed.	, safety goggles, and heavy r if safe to do so. al in accordance with local reg rage				
7.1	Environmental Precautions: Methods and Material Fo Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken	and appropriate per Take steps to avoid or Contain spill and con mgTransfer to a chemi Section 7 Avoid breathing dus Avoid prolonged or Keep away from sou Take precautionary Keep away from hea Keep container tight	rsonal protection (rubber boots, d release into the environment, ollect, as appropriate. ical waste container for disposa 7. Handling and Stor tt/fume/gas/mist/vapours/spray. repeated exposure. urces of ignition. measures against static discha at, sparks, and flame.	, safety goggles, and heavy r if safe to do so. al in accordance with local reg rage				
6.3 7.1	Environmental Precautions: Methods and Material Fo Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken in Storing:	and appropriate per Take steps to avoid or Contain spill and con ngTransfer to a chemi Section 7 Avoid breathing dus Avoid prolonged or Keep away from sou Take precautionary Keep away from hea Keep container tight Store in accordance	rsonal protection (rubber boots, d release into the environment, ollect, as appropriate. ical waste container for disposa 7. Handling and Stor t/fume/gas/mist/vapours/spray. repeated exposure. urces of ignition. measures against static discha at, sparks, and flame. tly closed. e with information listed on the p	, safety goggles, and heavy r if safe to do so. al in accordance with local reg rage				
7.1	Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken in Storing: Sec	and appropriate per Take steps to avoid or Contain spill and con ngTransfer to a chemi Section 7 Avoid breathing dus Avoid prolonged or Keep away from sou Take precautionary Keep away from hea Keep container tight Store in accordance	rsonal protection (rubber boots, d release into the environment, ollect, as appropriate. ical waste container for disposa 7. Handling and Stor tt/fume/gas/mist/vapours/spray. repeated exposure. urces of ignition. measures against static discha at, sparks, and flame. tly closed.	, safety goggles, and heavy r if safe to do so. al in accordance with local reg rage				
7.1	Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken in Storing: Sec Exposure Parameters:	and appropriate per Take steps to avoid or Contain spill and con Ing Transfer to a chemi Section 7 Avoid breathing dus Avoid prolonged or Keep away from sou Take precautionary Keep away from hea Keep container tight Store in accordance	rsonal protection (rubber boots, d release into the environment, ollect, as appropriate. ical waste container for disposa 7. Handling and Stor tr/fume/gas/mist/vapours/spray. repeated exposure. urces of ignition. measures against static discha at, sparks, and flame. tly closed. with information listed on the p ure Controls/Person	, safety goggles, and heavy r if safe to do so. al in accordance with local reg rage rge. product insert. al Protection	gulations.			
6.3 7.1	Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken in Storing: Sec Exposure Parameters: # Partial Chemica	and appropriate per Take steps to avoid or Contain spill and con mgTransfer to a chemi Section 7 Avoid breathing dus Avoid prolonged or Keep away from sou Take precautionary Keep container tight Store in accordance tion 8. Expos	rsonal protection (rubber boots, d release into the environment, ollect, as appropriate. ical waste container for disposa 7. Handling and Stor tr/fume/gas/mist/vapours/spray. repeated exposure. urces of ignition. measures against static discha at, sparks, and flame. tly closed. e with information listed on the p ure Controls/Person Britain EH40	safety goggles, and heavy r if safe to do so. al in accordance with local reg rage rage broduct insert. al Protection France VL	gulations.			
7.1	Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken in Storing: Sec Exposure Parameters: # Partial Chemica NA Arachidonic Acid	and appropriate per Take steps to avoid or Contain spill and con Ing Transfer to a chemi Section 7 Avoid breathing dus Avoid prolonged or Keep away from sou Take precautionary Keep away from hea Keep container tight Store in accordance	rsonal protection (rubber boots, d release into the environment, ollect, as appropriate. ical waste container for disposa 7. Handling and Stor tr/fume/gas/mist/vapours/spray. repeated exposure. urces of ignition. measures against static discha at, sparks, and flame. tly closed. with information listed on the p ure Controls/Person	, safety goggles, and heavy r if safe to do so. al in accordance with local reg rage rge. product insert. al Protection	gulations.			
5.3 7.1 7.2 3.1 CAS	Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken in Storing: Sec Exposure Parameters: # Partial Chemica NA Arachidonic Acid salt)	and appropriate per Take steps to avoid or Contain spill and con mgTransfer to a chemi Section 7 Avoid breathing dus Avoid prolonged or Keep away from sou Take precautionary Keep container tight Store in accordance tion 8. Expos	rsonal protection (rubber boots, d release into the environment, ollect, as appropriate. ical waste container for disposa 7. Handling and Stor tr/fume/gas/mist/vapours/spray. repeated exposure. urces of ignition. measures against static discha at, sparks, and flame. tly closed. e with information listed on the p ure Controls/Person Britain EH40 No data.	, safety goggles, and heavy r if safe to do so. al in accordance with local reg rage rge. product insert. al Protection France VL No data.	gulations.			
5.3 7.1 7.2 3.1 CAS	Environmental Precautions: Methods and Material For Containment and Cleanin Up: Precautions To Be Taken in Handling: Precautions To Be Taken in Storing: Sec Exposure Parameters: # Partial Chemica NA Arachidonic Acid	and appropriate per Take steps to avoid or Contain spill and con mgTransfer to a chemi Section 7 Avoid breathing dus Avoid prolonged or Keep away from sou Take precautionary Keep container tight Store in accordance tion 8. Expos	rsonal protection (rubber boots, d release into the environment, ollect, as appropriate. ical waste container for disposa 7. Handling and Stor tr/fume/gas/mist/vapours/spray. repeated exposure. urces of ignition. measures against static discha at, sparks, and flame. tly closed. e with information listed on the p ure Controls/Person Britain EH40	safety goggles, and heavy r if safe to do so. al in accordance with local reg rage rage broduct insert. al Protection France VL	gulations.			

Multi-region format



Page: 4 of 6

		Partial Chemical Name Arachidonic Acid sulfonate (sodium salt)		OSHA TWA No data. PEL: 200 ppm	ACGIH TWA	Other Limits		
					No data.	No data.		
			TLV: 200 ppm STEL: 250 ppm		No data.			
8.2	2 Exposure Controls:				•	•		
8.2.1	Enginee	ering Controls	Jse process enclosu	ires, local exhaust ventila	ation, or other engineering co	ntrols to control airborn		
	(Ventila	tion etc.):	evels below recomm	nended exposure limits.				
8.2.2	Persona	al protection equip	nent:					
	Eye Pro	tection:	Safety glasses					
	Protecti	ve Gloves:	Compatible chemical	I-resistant gloves				
	Other P	rotective Clothing:	_ab coat					
	-		NIOSH approved res	pirator, as conditions wa	irrant.			
	(Specify							
	-	-	Do not take internally					
	ce Pract		-	-	Ild be equipped with an eyew	ash and a safety showe		
			Nash thoroughly afte	er handling.				
			No data available.					
		Se	ction 9. Phys	sical and Chemi	cal Properties			
9.1	Informat	ion on Basic Physi	cal and Chemical P	roperties				
	Physica	l States:	[]Gas [X] Liquid [] Solid				
	Appeara	ance and Odor:	A solution in	methanol				
	Melting	Point:	No data.					
	Boiling		No data.					
	Flash Pt			ethod Used: Closed Cup)			
	-	ation Rate:	No data.					
	-	ve Limits:	LEL: 6.0%		L: 36.0% at 25.0 C			
	-	ressure (vs. Air or	mm 96 MM_HG	at 20.0 C				
	Hg):		N 17					
	-	ensity (vs. Air = 1):						
	-	Gravity (Water = 1						
		ty in Water:	No data.					
	Autoign		385.00 C					
9.2		formation						
		Volatile:	No data.					
	Molecul	ar Formula & Weig	ht: C19H31O3S	• Na 362.5				
			Section 10	. Stability and R	leactivity			
10.1	Reactivi	ity:	No data available.					
10.2	2 Stability: Unstable [] Stable [X]			able [X]				
10.3	Stability	Note(s):	Stable if stored in ac	cordance with informatio	n listed on the product insert.			
	Polymerization: Will occur [] Will not occur [X]							
10.4	.4 Conditions To Avoid: heat, flames and sparks							
10.5	Incompatibility - Materials acids							
	To Avoi	d:	acid anhydrides					
		;	acid chlorides					
		;	alkali metals					
						Multi-region form		



			oxidizing agent	ts						
			reducing agents							
10.6	Hazardo	us	carbon dioxide							
	Decomp	osition Or	carbon monoxide							
Byproducts:										
			Section	11. Toxicological	Informat	tion				
		-								
11.1	Informat		-	cal effects of this product ha						
	Toxicolo	gical Effects:		kicity Data: Oral LD50 (rat):		-	-			
				0 (rat): 64,000 ppm (4h); Inł			1,100 ppm (134	4 m); Skin LD50		
) mg/kg; Oral LDLO (humar ation Data: Skin (rabbit): 20			(rabbit): 40 m	a moderate:		
				100 mg (24h) moderate;	mg (24n) mc	Juerale, Lyes	(14001). 40 II	ig moderate,		
	Chronio	Toxicological		estigated as a mutagen and	roproductive	offoctor				
	Effects:	Toxicological		gistry of Toxic Effects of Ch	-		CS) data is pre	sented here		
	Ellecis.		-	ry in RTECS for complete in				Sented here.		
				CS Number: PC1400000						
Carci	nogenicity	:		IARC Monographs? No	OSHA Reg	ulated? No				
CAS		Hazardous Com	ponents (Cherr	nical Name)	NTP	IARC	ACGIH	OSHA		
<u> </u>	NA	Arachidonic Acid		-	n.a.	n.a.	n.a.	n.a.		
67	-56-1	Methanol	,	,	n.a.	n.a.	n.a.	n.a.		
			0 //		ļ	1		1		
			Sectio	n 12. Ecological Ir	nformatio	on				
12.1	Toxicity:		Avoid release into the environment.							
			Runoff from fire	e control or dilution water m	ay cause pol	lution.				
12.2	Persiste		No data availal	ble.						
	Degrada	bility:								
12.3	Bioaccu		No data available.							
	Potentia									
12.4	Mobility	in Soil:	No data available.							
12.5	Results	of PBT and vPvB	No data available.							
	assessm	ent:								
12.6	Other ad	verse effects:	No data available.							
			Section	13. Disposal Con	sideratio	ons				
13.1	Waste D	isposal Method:	Dispose in acc	ordance with local, state, ar	nd federal reg	gulations.				
			Sectio	on 14. Transport Ir	nformatio	on				
14.1	LAND T	RANSPORT (US I		•						
		Shipping Name:	-	Solution						
	OT Hazaro		3 (6.1)	FLAMMABLE LIQU	ID. POISON					
UN/NA Number:		1230		cking Group	:	II				
			.200		stroup	-				
			FLEMMIPBLE LIQUE	POISON 6						
							Ν	Iulti-region forma		



14.1 LAND T	RANSPORT (Euro	opean ADR/RID):					
ADR/RID S	hipping Name:	Methanol Solution					
UN Number:		1230	Packing Group:		II		
Hazard Class:		3 (6.1) - FLAMMABLE LIQUID, POISON					
14.3 AIR TRA	ANSPORT (ICAO/I	ATA):					
ΙCAO/ΙΑΤΑ	Shipping Name:	Methanol Solution					
UN Number	r:	1230	Packing Grou	ıp:	II		
Hazard Cla	SS:	3 (6.1) - FLAMMABLE LIQU POISON			3, 6.1		
Additional Tran	nsport	Transport in accordance with loc	cal, state, and federa	l regulations.			
Information:		When sold in quantities of less the	han or equal to 1 mL	, or 1 g, with an Exce	pted Quantity Code of		
		E1, E2, E4, or E5, this item mee					
		Therefore packaging does not h	ave to be labeled as	Dangerous Goods/E	xcepted Quantity.		
		Section 15. Regula	atory Informat	tion			
	perfund Amendm	ents and Reauthorization Act o	f 1986) Lists		,		
CAS #		ponents (Chemical Name)	S. 302 (EHS)	S. 304 RQ	S. 313 (TRI)		
NA	Arachidonic Acid	sulfonate (sodium salt)	No	No	No		
67-56-1	Methanol		No	Yes 5000 LB	Yes		
CAS #	Hazardous Com	ponents (Chemical Name)	Other US EPA or State Lists				
NA	Arachidonic Acid	sulfonate (sodium salt)	CAA HAP,ODC: No PROP.65: No	o; CWA NPDES: No	; TSCA: No; CA		
67-56-1	Methanol		CAA HAP,ODC: H	AP; CWA NPDES: N DP.65: Yes	lo; TSCA: Yes -		
Regulatory Info Statement:	ormation	This SDS was prepared in accor No.1272/2008.	dance with 29 CFR 1	1910.1200 and Regu	lation (EC)		
		Section 16. Oth	er Informatior	า			
Revision Date:		04/02/2015					
Additional Infor This Product:	mation About	No data available.					
Company Polic	y or Disclaimer:	DISCLAIMER: This information is currently available to us. However express or implied, with respect use. Users should make their ow their particular purposes.	er, we make no warra to such information, a	anty of merchantabilit and we assume no lia	y or any other warranty, ability resulting from its		