ARALDITE® 2013 HARDENER

Version	Revision Date:	SDS Number:
1.0	04/01/2016	400001008393

SECTION 1. IDENTIFICATION

Product name	: ARALDITE® 2013 HARDENER
Manufacturer or supplier's de	tails
Company name of supplier Address	 Huntsman Advanced Materials Americas LLC P.O. Box 4980 The Woodlands, TX 77387 United States of America
Telephone	: Non-Emergency: (800) 257-5547
E-mail address of person responsible for the SDS	: MSDS@huntsman.com
Emergency telephone	: Chemtrec: (800) 424-9300 or (703) 527-3887

Recommended use of the chemical and restrictions on use

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification Acute toxicity (Inhalation)	: Category 4
Skin irritation	: Category 2
Serious eye damage	: Category 1
Skin sensitization	: Category 1
Reproductive toxicity	: Category 2
Acute aquatic toxicity	: Category 2
Chronic aquatic toxicity	: Category 2
GHS Label element Hazard pictograms	
Signal Word	: Danger
Hazard Statements	 H315 Causes skin irritation. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H332 Harmful if inhaled.



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Date of first issue: 04/01/2016

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			ed of damaging fertility or the unborn child. aquatic life with long lasting effects.
Preca	autionary Statements	P202 Do not ha and understood P261 Avoid bre P264 Wash ski P271 Use only P272 Contamir the workplace. P273 Avoid rele P280 Wear pro face protection Response: P302 + P352 IF P304 + P340 + and keep comf doctor/ physicia P305 + P351 + water for sever and easy to do CENTER or do P308 + P313 If attention. P362 Take off P391 Collect sj Storage: P405 Store loc Disposal:	 bathing dust/ fume/ gas/ mist/ vapours/ spray. in thoroughly after handling. outdoors or in a well-ventilated area. hated work clothing must not be allowed out of ease to the environment. betective gloves/ protective clothing/ eye protection/ FON SKIN: Wash with plenty of soap and water. P312 IF INHALED: Remove person to fresh air ortable for breathing. Call a POISON CENTER or an if you feel unwell. P338 + P310 IF IN EYES: Rinse cautiously with al minutes. Remove contact lenses, if present Continue rinsing. Immediately call a POISON ctor/ physician. F exposed or concerned: Get medical advice/ f skin irritation or rash occurs: Get medical advice/

Other hazards

The following percentage of the mixture consists of ingredient(s) with unknown acute toxicity: 2.373 %

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture : Mixture

Hazardous ingredients

Chemical Name	CAS-No.	Concentration (%)
Fatty acids, C18-unsatd., dimers, polymers with oleic acid and triethylenetetramine	68154-62-1	30 - 60
polyamide resin	68154-62-1	13 - 30
Diethylenetriamine	111-40-0	3 - 7
4,4'-isopropylidenediphenol	80-05-7	3 - 7
triethylenetetramine	112-24-3	3 - 7

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SECTION 4. FIRST AID MEASURES

General advice	Move out of dangerous area. Consult a physician. Show this material safety data sheet to the doctor in attendance. Do not leave the victim unattended.	
If inhaled	Consult a physician after significant exposure. If unconscious place in recovery position and seek medi advice.	ical
In case of skin contact	If skin irritation persists, call a physician. If on skin, rinse well with water. If on clothes, remove clothes.	
In case of eye contact	Small amounts splashed into eyes can cause irreversible tissue damage and blindness. In the case of contact with eyes, rinse immediately with of water and seek medical advice. Continue rinsing eyes during transport to hospital. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing. If eye irritation persists, consult a specialist.	
If swallowed	Keep respiratory tract clear. Do NOT induce vomiting. Do not give milk or alcoholic beverages. Never give anything by mouth to an unconscious persor If symptoms persist, call a physician. Take victim immediately to hospital.	۱.
Most important symptoms and effects, both acute and delayed	None known.	

SECTION 5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	: No data is available on the product itself.
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.
Hazardous combustion products	: No data is available on the product itself.
Specific extinguishing methods	: No data is available on the product itself.
Further information	: Collect contaminated fire extinguishing water separately. This



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			Fire residues an	charged into drains. d contaminated fire extinguishing water must n accordance with local regulations.
	al protective equipment e-fighters	:	Wear self-conta necessary.	ined breathing apparatus for firefighting if

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	:	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.
Methods and materials for containment and cleaning up	:	Neutralize with acid. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Keep in suitable, closed containers for disposal.

SECTION 7. HANDLING AND STORAGE

Advice on protection against fire and explosion	: Normal measures for preventive fire protection.	
Advice on safe handling	 Avoid formation of aerosol. 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. Provide sufficient air exchange and/or exhaust in work rooms To avoid spills during handling keep bottle on a metal tray. Dispose of rinse water in accordance with local and national regulations. Persons susceptible to skin sensitization problems or asthma allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used. 	
Conditions for safe storage	 Keep container tightly closed in a dry and well-ventilated place. Observe label precautions. Electrical installations / working materials must comply with the technological safety standards. 	
Materials to avoid	: Strong acids	
	Strong bases	



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		Strong oxidizing	agents
Recommended storage temperature		: 2 - 40 °C	

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ingredients with workplace control parameters

Ingredients	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
Diethylenetriamine	111-40-0		1 ppm	ACGIH
		TWA	1 ppm 4 mg/m3	OSHA PEL
Personal protective equipm	ent			
Respiratory protection		In the case of vapor formation use a respirator with an approved filter.		
Respiratory protection		No personal respiratory protective equipment normally required.		
Hand protection Material Break through time	: butyl-rut : >8 h	butyl-rubber > 8 h		
	Solvent- Nitrile ru 10 - 480		tyl-rubber)	
	Neoprer	Neoprene gloves		
Remarks		 The suitability for a specific workplace should be discussed with the producers of the protective gloves. 		
Eye protection	Tightly fi Wear fa	 Eye wash bottle with pure water Tightly fitting safety goggles. Wear face-shield and protective suit for abnormal processing problems. 		
Skin and body protection	Choose	: impervious clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place.		
Hygiene measures	When us	 When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday. 		

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

: paste



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Color		:	beige	
Odor		:	amine-like	
Odor	Threshold	:	No data is ava	ilable on the product itself.
рН		:	12, (25 °C)	
Flash	Flash point		124 °C Method: DIN I	Nethod, other, open cup
Evap	oration rate	:	No data is ava	ilable on the product itself.
Flam	mability (solid, gas)	:	No data is ava	ilable on the product itself.
Uppe	r explosion limit	:	No data is ava	ilable on the product itself.
Lowe	r explosion limit	:	No data is ava	ilable on the product itself.
Vapor pressure		:	ca. 0.04 hPa (20 °C)
Relat	ive vapor density	:	No data is ava	ilable on the product itself.
Relat	ive density	: No data is available on the product itself.		
Dens	ity	:	0.9 g/cm3 (25	°C)
	bility(ies) ater solubility	:	practically ins	bluble (20 °C)
So	lubility in other solvents	:	No data is ava	ilable on the product itself.
	ion coefficient: n-	: No data is available on the product itself.		
	ol/water gnition temperature	:	No data is ava	ilable on the product itself.
Deco	mposition temperature	:	> 200 °C	
Vis	scosity	: No data is available on the product itself.		ilable on the product itself.
	Accelerating mposition temperature T)	: No data is available on the product itself.		ilable on the product itself.

SECTION 10. STABILITY AND REACTIVITY

Reactivity Chemical stability	No decomposition if stored and applied as directed.No decomposition if stored and applied as directed.
Possibility of hazardous reactions	: No decomposition if stored and applied as directed.
Conditions to avoid	: No data available
Hazardous decomposition	: Carbon oxides

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ersion .0	Revision Date: 04/01/2016	SDS Number: 400001008393	Date of last issue: - Date of first issue: 04/01/2016		
produ	cts	Nitrogen oxid Burning prod	es (NOx) ices obnoxious and toxic fumes.		
ECTION	11. TOXICOLOGICAL	INFORMATION			
Inform expos	•	f : No data is ava	ilable on the product itself.		
Acute	e toxicity				
Acute	oral toxicity - Product	: Acute toxicity Method: Calcu	estimate : > 5,000 mg/kg lation method		
Acute Produ	inhalation toxicity - ict	: Acute toxicity Exposure time Test atmosphe Method: Calcu	ere: dust/mist		
Acute Produ	dermal toxicity - ict		: Acute toxicity estimate : > 5,000 mg/kg Method: Calculation method		
	Acute toxicity (other routes of : No data available administration)		ble		
Skin	corrosion/irritation				
Asses	<u>uct:</u> es: Rabbit ssment: Irritant t: Irritating to skin.				
Serio	us eye damage/eye irr	itation			
Produ	uct:				
	arks: May cause irrevers	ible eye damage.			
Resp	iratory or skin sensitiz	ation			
<u>Produ</u> Rema	<u>uct:</u> arks: Causes sensitizatio	on.			
Asses	ssment:	No data available			
Germ	cell mutagenicity				
4,4'-is	dients: opropylidenediphenol: toxicity in vitro	: Metabolic acti Result: negati	vation: with and without metabolic activa	ation	
	/lenetetramine: toxicity in vitro	: Concentration	0 - 200 μg/L		

Metabolic activation: negative



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		Method: OECD Result: negative	Test Guideline 482 e			
Dieth	dients: ylenetriamine: toxicity in vivo	: Cell type: Soma Application Rou Dose: 85 - 850 Method: OECD Result: negative Application Rou Result: negative	ute: Oral mg/kg Test Guideline 474 e ute: Oral			
	sopropylidenediphenol: toxicity in vivo	-	Test Guideline 474			
	vlenetetramine: toxicity in vivo	Dose: 0 - 600 n	Test Guideline 474			
Carci	nogenicity					
Dieth Speci Applic Dose Frequ	dients: ylenetriamine: es: Mouse, (male) cation Route: Dermal : 56.3 mg/kg lency of Treatment: 3 d lt: negative	laily				
Speci Applio Expos Frequ	4,4'-isopropylidenediphenol: Species: Rat, (male and female) Application Route: Oral Exposure time: 103 weeks Frequency of Treatment: 7 daily Result: negative					
Spec Applio Dose Frequ Metho	triethylenetetramine: Species: Mouse, (male) Application Route: Dermal Dose: 42 mg/kg Frequency of Treatment: 3 days/week Method: OECD Test Guideline 451 Result: negative					
Applio Expo Dose Frequ	Species: Mouse, (male) Application Route: Dermal Exposure time: 104 weeks Dose: 16.8 mg/kg Frequency of Treatment: 3 days/week Method: OECD Test Guideline 451					



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	nogenicity - ssment	: No data availa	able		
IARC	;		this product present at levels greater than or identified as probable, possible or confirmed en by IARC.		
OSH	A	equal to 0.1% is	No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.		
NTP			this product present at levels greater than or identified as a known or anticipated carcinogen		
Repr	oductive toxicity				
Ingre	dients:				
	ylenetriamine: ts on fertility	Application Re General Toxic level): 30 mg/	male and female oute: Oral sity Parent: NOAEL (No observed adverse effect kg wet weight D Test Guideline 421		
4,4'-is	sopropylidenediphenol:	ol: Species: Rat, male and female Application Route: Oral Method: OECD Test Guideline 416 Result: Embryotoxic effects and adverse effects on the offspring were detected.			
Dieth	dients: ylenetriamine: ts on fetal development	effect level): 1	oute: Oral sity Maternal: NOAEL (No observed adverse 00 mg/kg body weight D Test Guideline 421		
4,4'-is	sopropylidenediphenol:	effect level): < Method: OEC			
trieth	ylenetetramine:	effect level): >	oute: Oral city Maternal: NOAEL (No observed adverse 750 mg/kg body weight D Test Guideline 414		



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		effect level): 125	e: Dermal Maternal: NOAEL (No observed adverse mg/kg body weight rest Guideline 414
Reprod Assess	propylidenediphenol: luctive toxicity - ment		of adverse effects on sexual function and development, based on animal experiments.
STOT-9	single exposure		
	i <mark>ents:</mark> enetriamine : Organs: Respiratory T	ract	

4,4'-isopropylidenediphenol:

Assessment: May cause respiratory irritation.

Assessment: The substance or mixture is classified as specific target organ toxicant, single exposure, category 3 with respiratory tract irritation.

STOT-repeated exposure

No data available

Repeated dose toxicity

Ingredients:

Diethylenetriamine: Species: Rat, male and female NOEC: 70 - 80 mg/m3 Application Route: Ingestion Test atmosphere: vapor Exposure time: 360 h Number of exposures: 7 d Method: Subchronic toxicity

Species: Rat, male and female NOAEL (No observed adverse effect level): 114 mg/kg/d Application Route: Skin contact Exposure time: 9,600 h Number of exposures: 6 d Method: Chronic toxicity

4,4'-isopropylidenediphenol: Species: Dog, male and female NOEC: 75 mg/kg, 10 mg/m3 Application Route: Ingestion

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Test atmosphere: dust/mist Exposure time: 2,160 h Number of exposures: 7 d Method: Subchronic toxicity

Species: Rat, male and female LOAEL (Lowest observed adverse effect level): 600 mg/kg Application Route: Ingestion Exposure time: 672 h Number of exposures: 7 d Method: Subchronic toxicity

triethylenetetramine: Species: Rat, male and female NOAEL (No observed adverse effect level): 50 mg/kg/d Application Route: Ingestion Exposure time: 26 Weeks Number of exposures: 7 d Method: Subchronic toxicity

Repeated dose toxicity - : No data available Assessment

Aspiration toxicity

No data available

Experience with human exposure

General Information:No data availableInhalation:No data availableSkin contact:No data availableEye contact:No data availableIngestion:No data available

Toxicology, Metabolism, Distribution

No data available

Neurological effects No data available

Further information

<u>Product:</u> Remarks: No data available



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SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity	
Ingredients: Diethylenetriamine: Toxicity to fish :	LC50: 430 mg/l Exposure time: 96 h Test Type: semi-static test Test substance: Fresh water Method: Directive 67/548/EEC, Annex V, C.1.
4,4'-isopropylidenediphenol: Toxicity to fish :	LC50 (Oncorhynchus mykiss (rainbow trout)): 7.5 mg/l Exposure time: 96 h
triethylenetetramine: Toxicity to fish :	LC50 (Pimephales promelas (fathead minnow)): 330 mg/l Exposure time: 96 h Test Type: static test Test substance: Fresh water Method: Fish Acute Toxicity Test
Ingredients: Diethylenetriamine: Toxicity to daphnia and other : aquatic invertebrates	EC50 (Daphnia magna (Water flea)): 32 mg/l Exposure time: 48 h Test Type: static test Test substance: Fresh water
4,4'-isopropylidenediphenol: Toxicity to daphnia and other : aquatic invertebrates	EC50: 3.9 - 10.2 mg/l Exposure time: 48 h
	(Ceriodaphnia dubia (Water flea)):
triethylenetetramine: Toxicity to daphnia and other : aquatic invertebrates	EC50 (Daphnia magna (Water flea)): 31.1 mg/l Exposure time: 48 h Test Type: static test Test substance: Fresh water Method: Directive 67/548/EEC, Annex V, C.2.
	, polymers with oleic acid and triethylenetetramine: EC50 (Pseudokirchneriella subcapitata (algae)): 2.43 mg/l Exposure time: 72 h Test Type: static test
	NOEC (Pseudokirchneriella subcapitata (algae)): 1 mg/l Exposure time: 72 h Test Type: static test



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		EC10 (Pseu Exposure tin Test Type: s	
Diethy	ylenetriamine:		
Toxicity to algae		mg/l Exposure tin Test Type: s Test substar	
	opropylidenediphenol: ity to algae	: EC50 (Seler mg/l Exposure tin	nastrum capricornutum (green algae)): 2.5 - 3.1 ne: 96 h
	/lenetetramine: ity to algae	Exposure tin Test Type: s Test substar	nastrum capricornutum (green algae)): 20mg/l ne: 72 h emi-static test nce: Fresh water CD Test Guideline 201
M-Fac toxicit	ctor (Acute aquatic sy)	: No data ava	ilable
Diethy	<u>dients:</u> ylenetriamine: ity to fish (Chronic :y)	Test substar	
	sopropylidenediphenol: ity to fish (Chronic :y)	Exposure tin Test Type: f Test substar Method: Fisl	ephales promelas (fathead minnow)): 0.016 mg/l ne: 444 d low-through test nce: Fresh water n Life Cycle Toxicity oxic to aquatic organisms.
Diethy Toxici aquat	dients: ylenetriamine: ity to daphnia and other ic invertebrates nic toxicity)	Exposure tin Test Type: s Test substar	hnia magna (Water flea)): 5.6 mg/l ne: 21 d emi-static test nce: Fresh water ective 67/548/EEC, Annex V, C.20.

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triethy			
aquat	ylenetetramine: ity to daphnia and other tic invertebrates onic toxicity)	Exposure time: Test Type: sem Test substance	i-static test
M-Factoric	ctor (Chronic aquatic ty)	: No data availab	le
triethy	dients: ylenetetramine: ity to bacteria	: EC50 (activated Exposure time: Test Type: stati Test substance	c test
Dieth	dients: ylenetriamine: ity to soil dwelling nisms	Exposure time:	fetida (earthworms)): > 1,000 mg/kg 56 d Test Guideline 222
Plant	toxicity	: No data availab	le
Sedin	nent toxicity	: No data availab	le
Toxicity to terrestrial organisms		: No data availab	le
<u>Ingre</u> Dieth	oxicology Assessment dients: ylenetriamine: aquatic toxicity	: This product ha	s no known ecotoxicological effects.
4,4'-is	dients: sopropylidenediphenol: nic aquatic toxicity	: Toxic to aquatic	c life with long lasting effects.
Toxic	ity Data on Soil	: No data availab	le
	r organisms relevant to nvironment	: No data availab	le
The fo	er information ollowing percentage of th tic environment: 2.373 %		of ingredient(s) with unknown hazards to th

Persistence and degradability

Ingredients:

Diethylenetriamine:

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Biodeç	gradability	Biodegradati Exposure tim	dily biodegradable. ion: 87 %
	opropylidenediphenol: gradability	: Result: Not r Biodegradati Exposure tin	
	lenetetramine: gradability	Biodegradati Exposure tim	eadily biodegradable. ion: 0 %
		Result: Not r Biodegradati Exposure tin	
	emical Oxygen nd (BOD)	: No data avai	ilable
Chemi (COD)	ical Oxygen Demand	: No data avai	ilable
BOD/C	COD	: No data avai	lable
ThOD		: No data avai	lable
BOD/1	ΓhOD	: No data avai	lable
Dissol [,] (DOC)	ved organic carbon	: No data avai	lable
Physic remov	co-chemical ability	: No data avai	ilable
Stabili	ty in water	: No data avai	lable
Diethy	lients: lenetriamine: degradation	: Test Type: A Rate constar Degradation	
Impact on Sewage Treatment		: No data avai	ilable



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	Bioaco	umulative potential				
	Ingred					
		enetriamine:				
	BIOACC	umulation		Species: Cyprinus Bioconcentration Exposure time: 42 Test substance: F Method: flow-thro Remarks: Bioaccu	factor (BCF): 0.3 2 d resh water ugh test	
	Ingred	ients:				
		enetriamine: n coefficient: n- l/water	:	log Pow: -1.58 (20 pH: 7) °C)	
		enetetramine: n coefficient: n- l/water	:	log Pow: -2.65 (20 Method: OECD Te		7
	Mobilit	y in soil				
	Mobility	/	:	No data available		
Ingredients: Diethylenetriamine: Distribution among environmental compartments triethylenetetramine: Distribution among		:	Koc: 19111.			
		:	Koc: 1584.9 - 501	2. Method: OEC	D Test Guideline 106	
		imental compartments y in soil	:	No data available		
	Other a	adverse effects				
	Enviror pathwa	nmental fate and lys	:	No data available		
	Results assess	s of PBT and vPvB ment	:	No data available		
	Endocr potenti	ine disrupting al	:	No data available		
		ed organic bound ns (AOX)	:	No data available		
	Hazaro	lous to the ozone laye	er			
	~			B 1 4 45 65		

Ozone-Depletion Potential	: Regulation: 40 CFR Protection of Environment; Part 82
	Protection of Stratospheric Ozone - CAA Section 602 Class I
	Substances
	Remarks: This product neither contains, nor was
	manufactured with a Class I or Class II ODS as defined by the
	U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A +
	В).

(GWP)

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	onal ecological	: No data available	3
information - Product Global warming potential		: No data available)

SECTION 13. DISPOSAL CONSIDERATIONS

Disposal methods	
Waste from residues	 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

International Regulation

ΙΑΤΑ		
UN/ID No.	: U	N 3082
Proper shipping name		nvironmentally hazardous substance, liquid, n.o.s. POLYAMIDE RESIN)
Class	: 9	
Packing group	: 111	
Labels	: M	iscellaneous
Packing instruction (cargo aircraft)	: 96	64
Packing instruction (passenger aircraft)	: 96	54
IMDG		
UN number	: U	N 3082
Proper shipping name	N.	NVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, .O.S. POLYAMIDE RESIN)
Class	: 9	
Packing group	: 111	
Labels	: 9	
EmS Code	: F-	A, S-F
Marine pollutant	: ує	es

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

Domestic regulation



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DOT Classification

UN/ID/NA number	: UN 3082
Proper shipping name	: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
	(POLYAMIDE RESIN)
Class	: 9
Packing group	: 111
Labels	: CLASS 9
ERG Code	: 171
Marine pollutant	: no
Remarks	 Above applies only to containers over 119 gallons or 450 liters. Not regulated if shipped in packages less than or equal to 119 gallons (450 liters).

SECTION 15. REGULATORY INFORMATION

TSCA - 5(a) Significant New	:	Not relevant
Use Rule List of Chemicals		

EPCRA - Emergency Planning and Community Right-to-Know

SARA 311/312 Hazards	Acute Health Hazard		
SARA 313 :	: The following components are subject to reporting levels established by SARA Title III, Section 313:		ıg levels
	4,4'- isopropylidenediphenol	80-05-7	4.2335 %

Clean Air Act

This product neither contains, nor was manufactured with a Class I or Class II ODS as defined by the U.S. Clean Air Act Section 602 (40 CFR 82, Subpt. A, App.A + B).

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 111 SOCMI Intermediate or Final VOC's (40 CFR 60.489).

California Prop 65	WARNING: This product contains a chemical known in the
	State of California to cause birth defects or other reproductive
	harm.

4,4'-isopropylidenediphenol

80-05-7

The ingredients of this product are reported in the following inventories:

CH INV	: The mixture contains substances listed on the Swiss Inventory	
TSCA	: On TSCA Inventory	
DSL	: All components of this product are on the Canadian DSL.	
AICS	: On the inventory, or in compliance with the inventory	
NZIoC	: Not in compliance with the inventory	
ENCS	: On the inventory, or in compliance with the inventory	

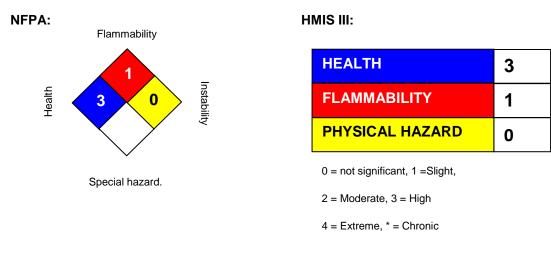


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Version	Revision Date:	SDS Number:	Date of last issue: -
1.0	04/01/2016	400001008393	Date of first issue: 04/01/2016
ISHL KECI PICCS IECSC		 On the inventory, or in compliance with the inventory On the inventory, or in compliance with the inventory Not in compliance with the inventory On the inventory, or in compliance with the inventory 	

SECTION 16. OTHER INFORMATION





Revision Date

: 04/01/2016

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