

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 05/24/2021 Supersedes: 10/31/2001 Version: 1.0

SECT	ION 1: Identification				
1.1.	Identification				
Produ	ct form :	Mixture			
Trade	name :	Poly(acrylamide/sodium acrylate)	[70:30]		
Produ	ct code :	18522			
Formu	ıla :	(C3H5NO)x			
1.2.	Recommended use and restrictions on	use			
Recor	nmended use :	Use as laboratory reagent, Manufa	acture of substand	ces	
1.3.	Supplier				
400 V Warrir T +1 2	l ier ciences alley Road ngton, PA 18976 - United States 215 343 6484 - F +1 215 343 0214 <u>polysciences.com</u> - <u>www.polysciences.com</u>				
1.4.	Emergency telephone number				
Emerg	gency number :	24-hour emergency phone numbe	r ChemTel 1-800	-255-3924	
SECT	ION 2: Hazard(s) identification				
2.1.	Classification of the substance or mixtu	Ire			
GHS U	S classification				
Not clas					
2.2.	GHS Label elements, including precauti	onary statements			
GHS U	S labeling				
No labe	ling applicable				
2.3.	Other hazards which do not result in cla	assification			
No addi	itional information available				
2.4.	Unknown acute toxicity (GHS US)				
Not app	licable				
SECT	ION 3: Composition/Information o	n ingredients			
3.1.	Substances				
Not app	licable				
3.2.	Mixtures				
Nam	le	Product identifier	%	GHS US classification	
Acryl	amide	(CAS-No.) 79-06-1	0-5	Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Dermal), H311 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:dust,mist), H332 Skin Irrit. 2, H315 Eye Irrit. 2, H315 Eye Irrit. 2, H319 Skin Sens. 1, H317 Muta. 1B, H340 Carc. 1B, H350 Repr. 2, H361 STOT RE 1, H372	

Full text of hazard classes and H-statements : see section 16

SECT	FION 4: First-aid measures		
4.1.	Description of first aid measures		
First-aid measures after inhalation		: Remove person to fresh air and keep comfortable for breathing.	
First-	aid measures after skin contact	: Wash skin with plenty of water.	
11/13	/2023	EN (English US)	Page 1

Aquatic Acute 3, H402

Poly(acrylamide/sodium acrylate) [70:30] Safety Data Sheet

First-aid measures after yequ contact : Rinse yequ with water as a procaution. First-aid measures after yequ contact : Call a poleon center/doctor/physician if you feel unwell. 12. Most important symptoms and effects (active and delayed) Version and the symptoms and effects (active and delayed) Version and the medical attention and special treatment, if necessary Treat symptomstally. Section 5: Fire-fighting measures : Water spray. Dry powder. Foarn. 52. Specific hazards arising from the chemical : Water spray. Dry powder. Foarn. 53. Specific hazards arising from the chemical : Toxic fines may be released. free 76. Specific hazards arising from the chemical : Do not attempt to take action without suitable protective equipment. Self-contained breathing aparatus. Complete protective dothing. 75. Specific hazards arising from the chemical : Specific hazards and precautions for fire-fighters 76. Accidential reflease measures : Do not attempt to take action without suitable protective equipment. Self-contained breathing aparatus. Complete protective dothing. 75. For one-emergency responder : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protective equipment. 76. Reference to other sections : Wentilate spillage area. 76. Proceutions for safe handling : Do not attempt to take action without suitable pro	First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell. 4.2. Most important symptoms and effects (acute and delayed) No additional information available					
Most important symptoms and effects (acute and delayed) odditional information available additional information available	.2. Most important symptoms and effects (acute and delayed) to additional information available .3. Immediate medical attention and special treatment, if necessary reat symptomatically. SECTION 5: Fire-fighting measures .1. Suitable (and unsuitable) extinguishing media Suitable extinguishing media Suitable extinguishing media .2. Specific hazards arising from the chemical Hazardous decomposition products in case of : Toxic fumes may be released.					
 a dditional information available Immediate medical attention and special treatment, if necessary reat symptomatically. ECTION 5: Fire-fighting measures Suitable (and unsuitable) extinguishing media Water spray. Dry powder. Foam. Special froaterids arising from the chemical Hazardous decomposition products in case of : Toxic fumes may be released. Special protective equipment and precautions for fire-fighters Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. ECTION 6: Accidental release measures Personal precautions, protective equipment and emergency procedures Protective equipment Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. ECTION 6: Accidental release measures Personal precautions, protective equipment and emergency procedures Protective equipment Do not attempt to take action without suitable protective equipment. For further information refer to section 3: "Exposure controls/personal protection". Environmental precautions Do not attempt to take action without suitable protective equipment. For further information refer to section 3: "Exposure controls/personal protection". Methods for cleaning up : Mechanically recover the product. Methods for cleaning up : Mechanically recover the product. Methods for cleaning up : Ensure good ventilation of the work station. Wear personal protective equipment. Hygiene measures : Do not eat, drink or sonke when using this product. Always wash hands after handling the product. Conditions for safe handling Proceutions or safe handling Proceutions for safe handling the product	 a additional information available Immediate medical attention and special treatment, if necessary reat symptomatically. ECTION 5: Fire-fighting measures Suitable (and unsuitable) extinguishing media Suitable extinguishing media : Water spray. Dry powder. Foam. Specific hazards arising from the chemical Hazardous decomposition products in case of : Toxic fumes may be released. 					
3. Immediate medical attention and special treatment, if necessary treat symptomatically. IECTION 51 Fire-fighting measures 3. Suitable (and unsuitable) extinguishing media Suitable extinguishing media : Water spray. Dry powder, Foam. 2. Specific hazards arising from the chemical Hazardous decomposition products in case of : Toxic fumes may be released. Ifree 3. Special protective equipment and precautions for fire-fighters Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective coupment. For further information refer to section 8: "Exposure controls/personal protection". 2. Environmental procautions or further information refer to section 13. EETION 7: Handling and Storage . 4. Reference to other sections or further informati	 Immediate medical attention and special treatment, if necessary reat symptomatically. ECTION 5: Fire-fighting measures Suitable (and unsuitable) extinguishing media Suitable extinguishing media : Water spray. Dry powder. Foam. Specific hazards arising from the chemical Hazardous decomposition products in case of : Toxic fumes may be released. 					
reat symptomatically. ECTION 5: Fire-fighting measures 1. Suitable (and unsuitable) extinguishing media Suitable extinguishing media 2. Specific hazards arising from the chemical 1. According the chemical 1. Specific hazards arising from the chemical 2. Specific hazards arising from the chemical 1. Specific hazards arising from the chemical 3. Special protective equipment and precautions for fire-fightors Protection during firefighting 2. Do not attempt to take action without suitable protective equipment. Self-contained breathing aparatus. Complete protective dotting. ECTION 6: Accidental release measures 1. For one-mergency presonel Emergency procedures 1. For one-mergency responders Protective equipment 2. Environmental precautions 2. Environmental precautions 2. Environmental precautions 2. Environmental precautions 2. Environmental or containment and cleaning up 2. Methods and material for containment and cleaning up 2. Methods and material for containment and cleaning up 3. Methods and material for containment and cleaning up 3. Methods for cleaning up 3. Methods for cleaning up 4. Reference to other section 8 2. Environmental 3. Methods for cleaning up 4. Reference to other section 13 3. ECTION 7: Handling and storage 4. Reference to other section 13 3. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. 2. Conditions for safe handling 4. Reference to cher section 13 3. Ensure good ventilation of the work station. Wear personal protective equipment. 4. Reference to cher section 13 5. Conditions for safe handling 7. Precautions for safe handling 7. Conditions f	reat symptomatically. ECTION 5: Fire-fighting measures 1. Suitable (and unsuitable) extinguishing media Suitable extinguishing media					
ECTION 5: Fire-fighting measures 1. Suitable (and unsuitable) extinguishing media Heardous decomposition products in case of Toxic fumes may be released. Ine Special protective equipment and proceutions for fire-fighters Pretection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective equipment. Self-contained breathing apparatus. Complete protective equipment. I. Personal precautions, protective equipment and emergency procedures 1.1. For one-emergency personnel Emergency procedures : Ventilate spillage area. 1.2. For omergency responders Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". 2. Environmental precautions : Mechanically recover the product. 3. Methods and material for containment and cleaning up : Mechanically recover the product. Other information refer to section 13. : Ensure good ventilation of the work	ECTION 5: Fire-fighting measures 1. Suitable (and unsuitable) extinguishing media Suitable extinguishing media : Water spray. Dry powder. Foam. 2. Specific hazards arising from the chemical Hazardous decomposition products in case of : Toxic fumes may be released.	4.3. Immediate medical attention and special treatment, if necessary				
1. Suitable (and unsuitable) extinguishing media : Water spray. Dry powder. Foam. 2. Specific hazards arising from the chemical Hazardous decomposition products in case of it is to fumes may be released. The chemical Hazardous decomposition products in case of it is to not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. ECTION 6: Accidental release measures . 1. Personal precautions, protective equipment and emergency procedures 1.1. For non-emergency personnel Emergency procedures : Ventilate spillage area. 1.2. For emergency responders Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". 2. Environmental precautions : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". 2. Environmental precautions : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". 2. Environmental precautions : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". 2. Environmental precautions :	1. Suitable (and unsuitable) extinguishing media Suitable extinguishing media : Water spray. Dry powder. Foam. 2. Specific hazards arising from the chemical Hazardous decomposition products in case of : Toxic fumes may be released.					
Suitable extinguishing media : Water spray. Dry powder. Foam. Specific hazards arising from the chemical Hazardous decomposition products in case of : Toxic fumes may be released. Feretaution for fighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective equipment for further information refer to section 8: "Exposure controls/personal protective equipment. For further information refer to section 8: "Exposure controls/personal protective equipment. Self-contained breathing up Content information refer to section 8: "Exposure controls/personal protective equipment. Self-contained breathing up Content information refer to section 9: "Mechanically recover the product. Cother sections 5: Do not attempt to take action without suitable protective equipment. Self-contained breathing up Content information refer to section 13. ECTION 7: Handling and storage 1. Procautions for safe handling Protecutive of or safe handling Protecutive for safe storage, including any incompatibilities Storage conditions for safe storage, including any incompatibilities Storage conditions for safe storage,	Suitable extinguishing media : Water spray. Dry powder. Foam. 2. Specific hazards arising from the chemical Hazardous decomposition products in case of : Toxic fumes may be released.					
2. Specific heards arising from the chemical Hazardous decomposition products in case of fre-fighters Toxic furnes may be released. 3. Special protective equipment and precautions for fire-fighters Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing aparatus. Complete protective ciching. ECTION 6: Accidental release measures . 1. Personal precautions, protective equipment and emergency procedures 1.1. For non-emergency personnel Emergency procedures : Ventilate spillage area. 1.2. For emergency responders Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". 2. Environmental . 3. Methods and material for containment and cleaning up Wethods for cleaning up : Mechanically recover the product. Other information : Dispose of materials or solid residues at an authorized site. 4. Reference to other sections or further information refer to section 13. . ECTION 7: Handling and storage : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. <td>2. Specific hazards arising from the chemical Hazardous decomposition products in case of : Toxic fumes may be released.</td> <td></td>	2. Specific hazards arising from the chemical Hazardous decomposition products in case of : Toxic fumes may be released.					
Hazardous decomposition products in case of i : Toxic fumes may be released. If the section of the section of the section of the section without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. EECTION 6: ACCIGENT I Release measures 1. Personal proceutions, protective equipment and emergency procedures 1.1. For non-emergency procedures 1.2. For emergency responders Protective equipment i : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protective equipment. For further information refer to section 8: "Exposure controls/personal protective equipment and cleaning up Methods for cleaning up i : Mechanically recover the product. Control for section 13. EECTION 7: Handling and storage 1. Proceutions for safe handling i : Ensure good ventilation of the work station. Wear personal protective equipment. Hygiene measures i : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Conditions for safe storage, including any incompatibilities Storage conditions i : Keep away from heat, sparks, and flame. Store in a well-ventilated place. Keep cool. Store a deg. C. ECTION 8: Exposure controls/personal protection No additional information available	Hazardous decomposition products in case of : Toxic fumes may be released.					
fire 3. Special protective equipment and precautions for fire-fighters Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. EECTION 6: Accidental release measures . 1. Personal precautions, protective equipment and emergency procedures . 1.1. For non-emergency personnel . Emergency procedures : Ventilate spillage area. 1.2. For emergency responders . Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". 2. Environmental precautions . woid release to the environment. . 3. Methods and material for containment and cleaning up . Methods for cleaning up : Mechanically recover the product. Other information : Dispose of materials or solid residues at an authorized site. 4. Reference to other section 8: . For unterfore to section 13. . ECTION 7: Handling and storage . 4. Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Proceautions for safe bandling						
Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing. EECTION 6: Accidental release measures . .1. For non-emergency personnel Emergency procedures Emergency procedures : Ventilate spillage area. .1.2. For emergency responders Protective equipment Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". .2. Environmental precautions . void release to the environment. . .3. Methods and material for containment and cleaning up . Methods for cleaning up : Mechanically recover the product. Other information : Dispose of materials or solid residues at an authorized site. .4. Reference to other sections or further information refer to section 13. . EECTION 7: Handling and storage . .1. Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. .2. Conditions for safe storage, including any incompatibilities . Storage con						
apparatus. Complete protective clothing. EECTION 6: Accidental release measures 1. Personal precautions, protective equipment and emergency procedures 1.1. For non-emergency personnel Emergency procedures : Ventilate spillage area. 1.2. For emergency responders Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". 2. Environmental precautions void release to the environment. . 3. Methods and material for containment and cleaning up Methods for cleaning up : Mechanically recover the product. Other information : D ispose of materials or solid residues at an authorized site. 4. Reference to other sections or further information refer to section 13. ECTION 7: Handling and storage 1. D not eat, drink or smoke when using this product. Always wash hands after handling the product. Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Lygiene measures : Do not eat, drink or smoke when using th	3. Special protective equipment and precautions for fire-fighters					
1. Personal precautions, protective equipment and emergency procedures 1.1. For non-emergency personnel Emergency procedures : Ventilate spillage area. 1.2. For emergency responders Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". 2. Environmental precautions void release to the environment. 3. Methods and material for containment and cleaning up Methods for cleaning up : Mechanically recover the product. Other information : Dispose of materials or solid residues at an authorized site. 4. Reference to other sections or further information refer to section 13. SectTION 7: Handling and Storage 4. Precautions for safe handling Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. Storage conditions : Keep away from heat, sparks, and flame. Store in a well-ventilated place. Keep cool. Store a deg. C. ECTION 8: Exposure controls/personal protection : Aleg. C. I. Control		ned breathing				
1.1. For non-emergency personnel Emergency procedures : Ventilate spillage area. 1.2. For emergency responders Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". 1.2. Environmental precautions	ECTION 6: Accidental release measures					
Emergency procedures : Ventilate spillage area. 1.2. For emergency responders Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". 2. Environmental precautions woid release to the environment. 3. Methods and material for containment and cleaning up Methods for cleaning up : Mechanically recover the product. Other information : Dispose of materials or solid residues at an authorized site. 4. Reference to other sections : or further information refer to section 13. ECTION 7: Handling and storage 1. Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. 2. Conditions for safe storage, including any incompatibilities Storage conditions : Keep away from heat, sparks, and flame. Store in a well-ventilated place. Keep cool. Store a deg. C. ECTION 8: Exposure controls/personal protection 1. Control parameters Poly(acrylamide/sodium acrylate) [70:30] No additional information available	1. Personal precautions, protective equipment and emergency procedures					
1.2. For emergency responders Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". 2. Environmental precautions	.1.1. For non-emergency personnel					
Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". 2. Environmental precautions woid release to the environment. 3. Methods and material for containment and cleaning up Methods for cleaning up Methods for cleaning up : Mechanically recover the product. Other information : Dispose of materials or solid residues at an authorized site. 4. Reference to other sections or further information refer to section 13. ECTION 7: Handling and storage Intervention of the work station. Wear personal protective equipment. Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. 2. Conditions for safe storage, including any incompatibilities : Keep away from heat, sparks, and flame. Store in a well-ventilated place. Keep cool. Store a deg. C. ECTION 8: Exposure controls/personal protection 1. Control parameters Poly(acrylamide/sodium acrylate) [70:30] No additional information available	Emergency procedures : Ventilate spillage area.					
Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection". 2. Environmental precautions woid release to the environment. 3. Methods and material for containment and cleaning up Methods for cleaning up Methods for cleaning up : Mechanically recover the product. Other information : Dispose of materials or solid residues at an authorized site. 4. Reference to other sections or further information refer to section 13. ECTION 7: Handling and storage Intervention of the work station. Wear personal protective equipment. Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. 2. Conditions for safe storage, including any incompatibilities : Keep away from heat, sparks, and flame. Store in a well-ventilated place. Keep cool. Store a deg. C. ECTION 8: Exposure controls/personal protection 1. Control parameters Poly(acrylamide/sodium acrylate) [70:30] No additional information available	12 For emergency responders					
word release to the environment. 3. Methods and material for containment and cleaning up Methods for cleaning up : Mechanically recover the product. Other information : Dispose of materials or solid residues at an authorized site. 4. Reference to other sections for further information refer to section 13. SECTION 7: Handling and storage 1. Precautions for safe handling Precautions for safe handling Precautions for safe handling Precautions for safe handling Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. :2. Conditions for safe storage, including any incompatibilities Storage conditions : Keep away from heat, sparks, and flame. Store in a well-ventilated place. Keep cool. Store a deg. C. SECTION 8: Exposure controls/personal protection :1. Control parameters Poly(acrylamide/sodium acrylate) [70:30] No additional information available	Protective equipment : Do not attempt to take action without suitable protective equipment. For further	information				
3. Methods and material for containment and cleaning up Methods for cleaning up : Mechanically recover the product. Other information : Dispose of materials or solid residues at an authorized site. i.4. Reference to other sections For further information refer to section 13. SECTION 7: Handling and storage 1.1. Precautions for safe handling Precautions for safe handling Precautions for safe handling Precautions for safe storage, including any incompatibilities Storage conditions : Keep away from heat, sparks, and flame. Store in a well-ventilated place. Keep cool. Store a deg. C. SECTION 8: Exposure controls/personal protection 1.1. Control parameters Poly(acrylamide/sodium acrylate) [70:30] No additional information available	.2. Environmental precautions					
Methods for cleaning up : Mechanically recover the product. Other information : Dispose of materials or solid residues at an authorized site. 4. Reference to other sections or further information refer to section 13. SECTION 7: Handling and storage 1. Precautions for safe handling Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. 2. Conditions for safe storage, including any incompatibilities Storage conditions : Keep away from heat, sparks, and flame. Store in a well-ventilated place. Keep cool. Store a deg. C. SECTION 8: Exposure controls/personal protection 1. 1. Control parameters Poly(acrylamide/sodium acrylate) [70:30] No additional information available	void release to the environment.					
Other information : Dispose of materials or solid residues at an authorized site. 4. Reference to other sections or further information refer to section 13. SECTION 7: Handling and storage	.3. Methods and material for containment and cleaning up					
4. Reference to other sections for further information refer to section 13. SECTION 7: Handling and storage 1. Precautions for safe handling Precautions for safe handling Precautions for safe handling Precautions for safe handling Hygiene measures 2. Conditions for safe storage, including any incompatibilities Storage conditions : Keep away from heat, sparks, and flame. Store in a well-ventilated place. Keep cool. Store a deg. C. SECTION 8: Exposure controls/personal protection .1. Control parameters Poly(acrylamide/sodium acrylate) [70:30] No additional information available	Methods for cleaning up : Mechanically recover the product.					
or further information refer to section 13. ECTION 7: Handling and storage 1. Precautions for safe handling Precautions for safe handling I Ensure good ventilation of the work station. Wear personal protective equipment. Do not eat, drink or smoke when using this product. Always wash hands after handling the product. 2. Conditions for safe storage, including any incompatibilities Storage conditions ECTION 8: Exposure controls/personal protection 1. Control parameters Poly(acrylamide/sodium acrylate) [70:30] No additional information available	Other information : Dispose of materials or solid residues at an authorized site.					
A. Precautions for safe handling Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. 2. Conditions for safe storage, including any incompatibilities Storage conditions : Keep away from heat, sparks, and flame. Store in a well-ventilated place. Keep cool. Store a deg. C. EECTION 8: Exposure controls/personal protection 1. Control parameters Poly(acrylamide/sodium acrylate) [70:30] No additional information available	.4. Reference to other sections					
1. Precautions for safe handling Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. 2. Conditions for safe storage, including any incompatibilities Storage conditions : Keep away from heat, sparks, and flame. Store in a well-ventilated place. Keep cool. Store a deg. C. ECTION 8: Exposure controls/personal protection .1. Control parameters Poly(acrylamide/sodium acrylate) [70:30] No additional information available	or further information refer to section 13.					
1. Precautions for safe handling Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. 2. Conditions for safe storage, including any incompatibilities Storage conditions : Keep away from heat, sparks, and flame. Store in a well-ventilated place. Keep cool. Store a deg. C. ECTION 8: Exposure controls/personal protection .1. Control parameters Poly(acrylamide/sodium acrylate) [70:30] No additional information available	ECTION 7: Handling and storage					
Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. 2. Conditions for safe storage, including any incompatibilities Storage conditions : Keep away from heat, sparks, and flame. Store in a well-ventilated place. Keep cool. Store a deg. C. ECTION 8: Exposure controls/personal protection .1. Control parameters Poly(acrylamide/sodium acrylate) [70:30] No additional information available						
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product. 2. Conditions for safe storage, including any incompatibilities Storage conditions : Keep away from heat, sparks, and flame. Store in a well-ventilated place. Keep cool. Store a deg. C. SECTION 8: Exposure controls/personal protection 1. Control parameters Poly(acrylamide/sodium acrylate) [70:30] No additional information available	•	nt.				
Storage conditions : Keep away from heat, sparks, and flame. Store in a well-ventilated place. Keep cool. Store a deg. C. ECTION 8: Exposure controls/personal protection .1. Control parameters Poly(acrylamide/sodium acrylate) [70:30] No additional information available	Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after h					
deg. C. SECTION 8: Exposure controls/personal protection .1. Control parameters Poly(acrylamide/sodium acrylate) [70:30] No additional information available	.2. Conditions for safe storage, including any incompatibilities					
Control parameters Poly(acrylamide/sodium acrylate) [70:30] No additional information available		cool. Store at 4				
Poly(acrylamide/sodium acrylate) [70:30] No additional information available	·					
No additional information available						
Acrylamide (79-06-1)						
USA - ACGIH - Occupational Exposure Limits						

ACGIH TWA (mg/m ³)	0.03 mg/m ³ (inhalable fraction and vapor)
ACGIH chemical category	Skin - potential significant contribution to overall exposure by the cutaneous route, Confirmed Animal Carcinogen with Unknown Relevance to Humans
USA - OSHA - Occupational Exposure Limits	
OSHA PEL (TWA) (mg/m ³)	0.3 mg/m ³
Limit value category (OSHA)	prevent or reduce skin absorption

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

5 5 ,	5		
USA - IDLH - Occupational Exposure	mits		
US IDLH (mg/m ³)	60 mg/m ³		
USA - NIOSH - Occupational Exposu	Limits		
NIOSH REL (TWA) (mg/m ³)	0.03 mg/m ³		
8.2. Appropriate engineering contr	i		
Appropriate engineering controls : Ensure good ventilation of the work station.			
Environmental exposure controls : Avoid release to the environment.			
8.3. Individual protection measures/Personal protective equipment			
Hand protection:			

Protective gloves

Eye protection:

Safety glasses

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties			
9.1. Information on basic physical and chemical properties			
Physical state	Solid		
Appearance	: White solid.		
Color	: Mixture contains one or more component(s) which have the following colour(s): white		
Odor	: Mixture contains one or more component(s) which have the following odour:		
Odor threshold	: No data available		
pH	: No data available		
Melting point	: no data		
Freezing point	: Not applicable		
Boiling point	: no data		
Flash point	: no data		
Relative evaporation rate (butyl acetate=1)	: No data available		
Flammability (solid, gas)	: Non flammable.		
Vapor pressure	: no data		
Relative vapor density at 20°C	: no data		
Relative density	: No data available		
Solubility	: No data available		
Partition coefficient n-octanol/water (Log Pow)	: No data available		
Auto-ignition temperature	: Not applicable		
Decomposition temperature	: No data available		
Viscosity, kinematic	: No data available		
Viscosity, dynamic	: No data available		
Explosion limits	: Not applicable		

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

No additional information available SECTION 10: Stability and reactivity 10.1. Reactivity The product is non-reactive under normal conditions of use, storage and transport. 10.2. Chemical stability Stable under normal conditions. 10.3. Possibility of hazardous reactions No dangerous reactions known under normal conditions of use. 10.4. Conditions to avoid None under recommended storage and handling conditions (see section 7). 10.5. Incompatible materials No additional information available 10.6. Hazardous decomposition products Under normal conditions of storage and use, hazardous decomposition products should not be produced. SECTION 11: Toxicological information	Explosive properties	: No data available
No additional information available SECTION 10: Stability and reactivity U0.1. Reactivity The product is non-reactive under normal conditions of use, storage and transport. 10: Chemical stability Stable under normal conditions. 10: Chemical stability Stable under normal conditions of use, storage and transport. 10: Chemical stability Stable under normal conditions of use. 10: Conditions to avoid None under recommended storage and handling conditions (see section 7). 10: Incompatible materials No adagecous reactions from storals 10: Conditions of storage and use, hazardous decomposition products should not be produced. SECTION 11: Conditions of storage and use, hazardous decomposition products should not be produced. SECTION 11: Conditions of storage and use, hazardous decomposition products should not be produced. SECTION 11: Condicological effects Acute toxicity (cral) : Not classified Acute toxicity (cral) : Not classified Acute toxicity (cral) : Not classified Not classified Not classified Sections and the doo mg/kg Stain corrosion/inflation : Not classified Sections and it 124 mg/kg LD50 oral rat 124 mg/kg LD50 oral rat 124 mg/kg Stain corrosion/inflation : Not classified Sections eve damage/inflation : Not classified Sect	Oxidizing properties	: No data available
SECTION 10: Stability and reactivity 10.1. Reactivity The product is non-reactive under normal conditions of use, storage and transport. 10.2. 10.2. Chemical stability Stable under normal conditions. 10.3. 10.3. Possibility of hazardous reactions No dangerous reactions known under normal conditions of use. 10.4. 10.4. Conditions to avoid Nore under recommended storage and handling conditions (see section 7). 10.5. 10.5. Incompatible materials No additional information available 10.4. 10.4. Hazardous decomposition products Under normal conditions of storage and use, hazardous decomposition products should not be produced. SECTION 11 Toxicological information 11.1. Information on toxicological effects Acute toxicity (dernal) : Not classified Acute toxicity (dernal) : Not classified Poly(acrylamide/sodium acrylats) [70:30] LD50 oral rat > µg/kg mg/Kg Acute toxicity (inhelation) : Not classified Respiratory or skin sensitization : N	9.2. Other information	
10.1. Reactivity The product is non-reactive under normal conditions of use, storage and transport. 10.2. Chemical stability 10.3. Possibility of hazardous reactions No dargerous reactions known under normal conditions of use. 10.4. Conditions to avoid None under recommended storage and handling conditions (see section 7). 10.5. Incompatible materials No additional findmation avoid storage and use, hazardous decomposition products should not be produced. SECTION 11. Toxicological information 11.1. Information on toxicological information 11.2. Disco dariat 124 mg/kg 11.2. Disco dariat 124 mg/kg <td>No additional information available</td> <td></td>	No additional information available	
The product is non-reactive under normal conditions of use, storage and transport. 10.2. Chemical stability Stable under normal conditions. 03.0. Possibility of hazardous reactions No diagerous reactions known under normal conditions of use. 10.4. Conditions to avoid None under recommended storage and handling conditions (see section 7). 10.5. Incompatible materials No additional information available 10.6. Hazardous decomposition products 11.1. Information on toxicological effects Acute toxicity (oral) : Not classified Acute toxicity (oral) : Not classified Acute toxicity (dermat) : Not classified Acute toxicity (dermation) : Not classified Acute toxicity : Not classified Acute toxicity (dermation) <td>SECTION 10: Stability and reactivity</td> <td></td>	SECTION 10: Stability and reactivity	
10.2. Chemical stability Stable under normal conditions. 10.3. Possibility of hazardous reactions No dangerous reactions known under normal conditions of use. 10.4. Conditions to avoid None under recommended storage and handling conditions (see section 7). 10.5. Incompatible materials No additional information available 10.6. Hazardous decomposition products Under normal conditions of storage and use, hazardous decomposition products should not be produced. SECTION 11: Toxicological information 11.1. Information on toxicological information 11.2. Acute toxicity (oral) : Not classified Acute toxicity (oral) : Not classified Acute toxicity (orhaliation) : Not classified LD50 oral rat ! 248 mg/kg LD50 oral rat ! 249 mg/kg LD50 doral rat ! Not classified Serious eye damage/initiation : Not classified Carcinanica (73-06-1) ! LD50 doral rat ! 240 mg/kg LD50 doral rat ! Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Carcinogenicity : Not classified	10.1. Reactivity	
Stable under normal conditions. 10.3. Possibility of hazardous reactions No dangerous reactions known under normal conditions of us. 10.4. Conditions to avoid Nome under recommended storage and handling conditions (see section 7). 10.5. Incompatible materials Now additional information values 10.6. Hazardous decomposition products Nome inder recommended storage and use, hazardous decomposition products should not be produced. SECTION 11: Coxicological information 11.1. Information on toxicological effects Acute toxicity (arema) : Not classified Acute toxicity (dermai) : Not classified Acute toxicity (arema) : Not classified LoS or al rat 124 mg/kg LoS or al rat 124 mg/kg LoS dermal rat 400 mg/kg Steriours equinity : Not classified Serious eye damage/irritation : Not classified Germ cell mutagenicity : Not classified Cardinogenicity : Not classified Serious eye damage/irritation : Not classified Cardinogenicity : Not classified Cardinogenicity : Not classified Serious eye damage/irritation<	The product is non-reactive under normal condition	s of use, storage and transport.
10.3. Possibility of hazardous reactions No dangerous reactions known under normal conditions of use. 10.4. Conditions to avoid None under recommended storage and handling conditions (see section 7). 10.5. Incompatible materials No additional information available 10.6. Hazardous docomposition products Under normal conditions of storage and use, hazardous decomposition products should not be produced. SECTION 11: Toxicological information 11.1. Information on toxicological effects Acute toxicity (oral) : Not classified Acute toxicity (dermal) : Not classified Acute toxicity (dermal) : Not classified Polycarylamide/sodium acrylate) [70:30] Lb50 oral rat Lb50 oral rat 124 mg/kg Lb50 oral rat : Not classified Serious eye damage/initiation : Not classified Gerr call mutagenicity : Not classified Carcinogenicity : Not classified Gerr call mutagenicity : Not classified Gerr call mutagenicity	10.2. Chemical stability	
No dangerous reactions known under normal conditions of use. 10.4. Conditions to avoid None under recommended storage and handling conditions (see section 7). 10.5. Incompatible materials No additional information available 10.6. Hazardous decomposition products Burden normal conditions of storage and use, hazardous decomposition products should not be produced. SECTION 11: Toxicological information SECTION 11: Toxicological information 11.1. Information on toxicological fifets Acute toxicity (oral) : Not classified Acute toxicity (dermal) : Not classified Acute toxicity (inhalation) : Not classified ID50 oral rat 124 mg/kg LD50 oral rat 124 mg/kg LD50 oral rat 400 mg/kg Skin corrosion/irritation : Not classified Respiratory or skin sensitization : Not classified Respiratory or skin sensitization : Not classified Carcinogenicity : Not classified Carcinogenicity : Not classified Carcinogenicity : Not classified Respiratory or skin sensitization : Not classified Carcinogenicity : Not classified In SHA Hazard Communication Carcinogen Yeidence of Carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenic to humans <t< td=""><td>Stable under normal conditions.</td><td></td></t<>	Stable under normal conditions.	
10.4 Conditions to avoid None under recommended storage and handling conditions (see section 7). Internation available 10.5 Incompatible materials No additional information available 10.6 10.6 Hazardous decomposition products Under normal conditions of storage and use, hazardous decomposition products should not be produced. SECTION 11: Toxicological information 11.1 Information on toxicological effects Acute toxicity (oral) : Not classified Acute toxicity (inhalation) : Not classified Acute toxicity (inhalation) : Not classified Poly(acrylamide/sodium acrylate) [70:30] LD50 oral rat LD50 oral rat 124 mg/kg LD50 oral rat 124 mg/kg LD50 oral rat 400 mg/kg Skin corrosion/irritation : Not classified Serious eye damage/irritation : Not classified Carcinogenicity : Not classified Carcinogenicity Program (NTP) Status	10.3. Possibility of hazardous reactions	
None under recommended storage and handling conditions (see section 7). 10.5. Incompatible materials No additional information available 10.6. Hazardous decomposition products 10.6. Hazardous decomposition products 10.6. Hazardous decomposition products 10.6. Incommation on toxicological information SECTION 11: Toxicological information I1.1. Information on toxicological effects Acute toxicity (dermal) i Not classified Acute toxicity (inhalation) i Not classified Acute toxicity (dermal) i Not classified Acute toxicity (inhalation) i Not classified Germ cell mutagenicity i Not classified Acute toxicity Program (NTP) Status Evidence of Carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenic to humans National Toxicity Program	No dangerous reactions known under normal condi	tions of use.
10.5. Incompatible materials No additional information available 10.6. Hazardous decomposition products Under normal conditions of storage and use, hazardous decomposition products should not be produced. SECTION 11: Toxicological information 11.1. Information on toxicological effects Acute toxicity (oral) : Not classified Acute toxicity (inhalation) : Not classified Acute toxicity (inhalation) : Not classified Poly(acrylamide/sodium acrylate) [70:30] LD50 oral rat LD50 oral rat 124 mg/kg LD50 dermal rat 400 mg/kg Skin corrosion/irritation : Not classified Gern cell mutagenicity : Not classified Gern cell mutagenicity : Not classified Carcinogenicity : Not classified Gern cell mutagenicity : Not classified Mational Toxicity Program (NTP) Status Evidence of Carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenic to humans National Toxicity Program (NTP) Status Evidence	10.4. Conditions to avoid	
No additional information available 10.6. Hazardous decomposition products 10.6. Hazardous of storage and use, hazardous decomposition products should not be produced. SECTION 11: Toxicological information 11.1. Information on toxicological effects Acute toxicity (oral) : Not classified Acute toxicity (inhalation) : Not classified Acute toxicity (inhalation) : Not classified Deformation acrylate [70:30] LD50 oral rat LD50 oral rat 124 mg/kg LD50 oral rat 400 mg/kg Skin corrosion/irritation : Not classified Serious eye damage/irritation : Not classified Gerr cell mutagenicity : Not classified Carcinogenicity : Not classified Carcinogenicity : Not classified Varguande (79-06-1) 2A - Probably carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenicity, Reasonably anticipated to be Human Carcinogen In OSHA Hazard Communication Carcinogen Yes Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-speated exposure : Not classified STOT-speated e	None under recommended storage and handling co	onditions (see section 7).
No additional information available 10.6. Hazardous decomposition products Butter normal conditions of storage and use, hazardous decomposition products should not be produced. SECTION 11: Toxicological information 11.1. Information on toxicological effects Acute toxicity (oral) : Not classified Acute toxicity (inhalation) : Not classified Acute toxicity (inhalation) : Not classified Deformation an rylate) [70:30] LD50 oral rat LD50 oral rat 124 mg/kg LD50 oral rat 400 mg/kg Skin corrosion/irritation : Not classified Serious eye damage/irritation : Not classified Carcinogenicity : Not classified Carcinogenicity Program (NTP) Status Evidence of Carcinogenicity, Reasonably anticipated to be Human Carcinogen In OSHA Hazard Communication Carcinogen Yes StOT-single exposure : Not classified </td <td>10.5. Incompatible materials</td> <td></td>	10.5. Incompatible materials	
Under normal conditions of storage and use, hazardous decomposition products should not be produced. SECTION 11: Toxicological information Acute toxicity (oral) : Not classified Acute toxicity (idermal) : Not classified Poly(acrylamide/sodium acrylate) [70:30] D50 oral rat > µg/kg mg/Kg Acrylamide (79-06-1) D50 oral rat 124 mg/kg D50 dermal rat 400 mg/kg Skin corrosion/irritation : Not classified Serious eye damage/irritation : Not classified Carcinogenicity : Not classified Acrylamide (79-06-1) IARC group 2A - Probably carcinogenicity, Reasonably anticipated to be Human Carcinogen In OSHA Hazard Communication Carcinogen Ist FOT-single exposure : Not classified StoT-single exposure : Not classified	No additional information available	
Under normal conditions of storage and use, hazardous decomposition products should not be produced. SECTION 11: Toxicological information Acute toxicity (oral) : Not classified Acute toxicity (idermal) : Not classified Poly(acrylamide/sodium acrylate) [70:30] D50 oral rat > µg/kg mg/Kg Acrylamide (79-06-1) D50 oral rat 124 mg/kg D50 dermal rat 400 mg/kg Skin corrosion/irritation : Not classified Serious eye damage/irritation : Not classified Carcinogenicity : Not classified Acrylamide (79-06-1) IARC group 2A - Probably carcinogenicity, Reasonably anticipated to be Human Carcinogen In OSHA Hazard Communication Carcinogen Ist FOT-single exposure : Not classified StoT-single exposure : Not classified	10.6. Hazardous decomposition products	
11.1 Information on toxicological effects Acute toxicity (oral) : Not classified Acute toxicity (inhalation) : Not classified Acute toxicity (inhalation) : Not classified Polycerylamide/sodium acrylate) [70:30] DE50 oral rat > µg/kg mg/Kg DE50 oral rat 124 mg/kg LD50 oral rat 124 mg/kg Scylamide (79-06-1) LD50 oral rat 100 mg/kg Skin corrosion/irritation : Not classified Serious eye damage/irritation : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Carcinogenicity : Not classified Carcinogenicity : Not classified Matonal Toxicity Program (NTP) Status Evidence of Carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenicity, Reasonably anticipated to be Human Carcinogen In OSHA Hazard Communication Carcinogen Yes Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified STOT-repeated exposure <td>Under normal conditions of storage and use, hazar</td> <td>dous decomposition products should not be produced.</td>	Under normal conditions of storage and use, hazar	dous decomposition products should not be produced.
11.1 Information on toxicological effects Acute toxicity (oral) : Not classified Acute toxicity (inhalation) : Not classified Acute toxicity (inhalation) : Not classified Polycerylamide/sodium acrylate) [70:30] DE50 oral rat > µg/kg mg/Kg DE50 oral rat 124 mg/kg LD50 oral rat 124 mg/kg Scylamide (79-06-1) LD50 oral rat 100 mg/kg Skin corrosion/irritation : Not classified Serious eye damage/irritation : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Carcinogenicity : Not classified Carcinogenicity : Not classified Matonal Toxicity Program (NTP) Status Evidence of Carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenicity, Reasonably anticipated to be Human Carcinogen In OSHA Hazard Communication Carcinogen Yes Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified STOT-repeated exposure <td>SECTION 11: Toxicological informatio</td> <td>n</td>	SECTION 11: Toxicological informatio	n
Acute toxicity (oral) : Not classified Acute toxicity (inhalation) : Not classified Acute toxicity (inhalation) : Not classified Polycarylamide/sodium acrylate) [70:30]		
Acute toxicity (dermal) : Not classified Acute toxicity (inhalation) : Not classified Poly(acrylamide/sodium acrylate) [70:30]		: Not classified
Acute toxicity (inhalation) : Not classified Poly(acrylamide/sodium acrylate) [70:30] > µg/kg mg/Kg LD50 oral rat > µg/kg mg/Kg Acrylamide (79-06-1) LD50 dermal rat 124 mg/kg LD50 dermal rat 124 mg/kg Skin corrosion/Irritation : Not classified Serious eye damage/irritation : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified National Toxicity Program (NTP) Status Evidence of Carcinogenicito, Reasonably anticipated to be Human Carcinogen In OSHA Hazard Communication Carcinogen Yes Reproductive toxicity : Not classified STOT-repeated exposure : Not classified STOT-repeated exposure : Not classified STOT-repeated exposure : Not classified Aspiration hazard : Not classified		: Not classified
LD50 oral rat > µg/kg mg/kg Acrylamide (79-06-1) 124 mg/kg LD50 oral rat 124 mg/kg LD50 dermal rat 400 mg/kg Skin corrosion/irritation : Not classified Serious eye damage/irritation : Not classified Germ cell mutagenicity : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Acrylamide (79-06-1) IARC group IARC group 2A - Probably carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenicity, Reasonably anticipated to be Human Carcinogen In OSHA Hazard Communication Carcinogen Yes Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified STOT-repeated exposure Causes damage to organs through prolonged or repeated exposure. Aspiration hazard : Not classified		: Not classified
LD50 oral rat > µg/kg mg/kg Acrylamide (79-06-1) 124 mg/kg LD50 oral rat 124 mg/kg LD50 dermal rat 400 mg/kg Skin corrosion/irritation : Not classified Serious eye damage/irritation : Not classified Germ cell mutagenicity : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Acrylamide (79-06-1) IARC group IARC group 2A - Probably carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenicity, Reasonably anticipated to be Human Carcinogen In OSHA Hazard Communication Carcinogen Yes Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified STOT-repeated exposure Causes damage to organs through prolonged or repeated exposure. Aspiration hazard : Not classified	Poly(acrylamide/sodium acrylate) [70:30]	
LD50 oral rat124 mg/kgLD50 dermal rat400 mg/kgSkin corrosion/irritation: Not classifiedSerious eye damage/irritation: Not classifiedGerm cell mutagenicity: Not classifiedGerm cell mutagenicity: Not classifiedCarcinogenicity: Not classifiedAcrylamide (79-06-1)2A - Probably carcinogenic to humansIARC group2A - Probably carcinogenic to humansNational Toxicity Program (NTP) StatusEvidence of Carcinogenicity, Reasonably anticipated to be Human CarcinogenIn OSHA Hazard Communication CarcinogenYesSTOT-single exposure: Not classifiedSTOT-repeated exposure: Not classifiedAcrylamide (79-06-1)STOT-repeated exposureSTOT-repeated exposure: Not classified		> µg/kg mg/Kg
LD50 dermal rat400 mg/kgSkin corrosion/irritation: Not classifiedSerious eye damage/irritation: Not classifiedRespiratory or skin sensitization: Not classifiedGerm cell mutagenicity: Not classifiedCarcinogenicity: Not classifiedAcrylamide (79-06-1)IACC groupIARC group2A - Probably carcinogenic to humansNational Toxicity Program (NTP) StatusEvidence of Carcinogenicity, Reasonably anticipated to be Human CarcinogenIn OSHA Hazard Communication CarcinogenYesReproductive toxicity: Not classifiedSTOT-single exposure: Not classifiedSTOT-repeated exposure: Not classifiedAcrylamide (79-06-1)Exidence of organs through prolonged or repeated exposure.Aspiration hazard: Not classified	Acrylamide (79-06-1)	
Skin corrosion/irritation : Not classified Serious eye damage/irritation : Not classified Respiratory or skin sensitization : Not classified Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Acrylamide (79-06-1) : Not classified IARC group 2A - Probably carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenicity, Reasonably anticipated to be Human Carcinogen In OSHA Hazard Communication Carcinogen Yes Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified Acrylamide (79-06-1) : STOT-repeated exposure : Not classified Acrylamide (79-06-1) : STOT-repeated exposure : Not classified Acrylamide (79-06-1) : STOT-repeated exposure : Causes damage to organs through prolonged or repeated exposure. Aspiration hazard : Not classified	LD50 oral rat	
Serious eye damage/irritation: Not classifiedRespiratory or skin sensitization: Not classifiedGerm cell mutagenicity: Not classifiedCarcinogenicity: Not classifiedCarcinogenicity: Not classifiedIARC group2A - Probably carcinogenic to humansNational Toxicity Program (NTP) StatusEvidence of Carcinogenicity, Reasonably anticipated to be Human CarcinogenIn OSHA Hazard Communication CarcinogenYesReproductive toxicity: Not classifiedSTOT-single exposure: Not classifiedSTOT-repeated exposure: Not classifiedAcrylamide (79-06-1): Not classifiedSTOT-repeated exposure: Not classifiedAcrylamide (79-06-1): Not classifiedAspiration hazard: Not classifiedKaspiration hazard: Not classifiedStot - repeated exposure: Not classified	LD50 dermal rat	400 mg/kg
Respiratory or skin sensitization: Not classifiedGerm cell mutagenicity: Not classifiedCarcinogenicity: Not classifiedAcrylamide (79-06-1): 2A - Probably carcinogenic to humansIARC group2A - Probably carcinogenic to humansNational Toxicity Program (NTP) StatusEvidence of Carcinogenicity, Reasonably anticipated to be Human CarcinogenIn OSHA Hazard Communication CarcinogenYesReproductive toxicity: Not classifiedSTOT-single exposure: Not classifiedSTOT-repeated exposure: Not classifiedAcrylamide (79-06-1): Not classifiedSTOT-repeated exposureCauses damage to organs through prolonged or repeated exposure.Aspiration hazard: Not classified	Skin corrosion/irritation	: Not classified
Germ cell mutagenicity : Not classified Carcinogenicity : Not classified Acrylamide (79-06-1) : A. Probably carcinogenic to humans IARC group : 2A - Probably carcinogenic to humans National Toxicity Program (NTP) Status : Evidence of Carcinogenicity, Reasonably anticipated to be Human Carcinogen In OSHA Hazard Communication Carcinogen Yes Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified Acrylamide (79-06-1) : Causes damage to organs through prolonged or repeated exposure. Aspiration hazard : Not classified	Serious eye damage/irritation	: Not classified
Carcinogenicity : Not classified Acrylamide (79-06-1) 2A - Probably carcinogenic to humans IARC group 2A - Probably carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenicity, Reasonably anticipated to be Human Carcinogen In OSHA Hazard Communication Carcinogen Yes Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified Acrylamide (79-06-1) Causes damage to organs through prolonged or repeated exposure. Aspiration hazard : Not classified	Respiratory or skin sensitization	: Not classified
Acrylamide (79-06-1) 2A - Probably carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenicity, Reasonably anticipated to be Human Carcinogen In OSHA Hazard Communication Carcinogen Yes Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified STOT-repeated exposure : Not classified Acrylamide (79-06-1) Causes damage to organs through prolonged or repeated exposure. Aspiration hazard : Not classified	Germ cell mutagenicity	: Not classified
IARC group 2A - Probably carcinogenic to humans National Toxicity Program (NTP) Status Evidence of Carcinogenicity, Reasonably anticipated to be Human Carcinogen In OSHA Hazard Communication Carcinogen Yes Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified Acrylamide (79-06-1) : Not classified STOT-repeated exposure : Not classified Aspiration hazard : Not classified	Carcinogenicity	: Not classified
National Toxicity Program (NTP) Status Evidence of Carcinogenicity, Reasonably anticipated to be Human Carcinogen In OSHA Hazard Communication Carcinogen Yes Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified Acrylamide (79-06-1) Causes damage to organs through prolonged or repeated exposure. Aspiration hazard : Not classified	Acrylamide (79-06-1)	
In OSHA Hazard Communication Carcinogen list Yes Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified Acrylamide (79-06-1) : Causes damage to organs through prolonged or repeated exposure. Aspiration hazard : Not classified		
list Ist Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified Acrylamide (79-06-1)		Evidence of Carcinogenicity, Reasonably anticipated to be Human Carcinogen
STOT-single exposure : Not classified STOT-repeated exposure : Not classified Acrylamide (79-06-1) : STOT-repeated exposure STOT-repeated exposure Causes damage to organs through prolonged or repeated exposure. Aspiration hazard : Not classified		Yes
STOT-repeated exposure : Not classified Acrylamide (79-06-1)	Reproductive toxicity	: Not classified
Acrylamide (79-06-1) STOT-repeated exposure Causes damage to organs through prolonged or repeated exposure. Aspiration hazard : Not classified	STOT-single exposure	: Not classified
STOT-repeated exposure Causes damage to organs through prolonged or repeated exposure. Aspiration hazard : Not classified	STOT-repeated exposure	: Not classified
Aspiration hazard : Not classified	Acrylamide (79-06-1)	
	STOT-repeated exposure	Causes damage to organs through prolonged or repeated exposure.
Viscosity, kinematic : No data available	Aspiration hazard	: Not classified
	Viscosity, kinematic	: No data available

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 12: Ecological information		
2.1. Toxicity		
Ecology - general : The product is not considered harmful to aquatic organisms or to cause long-term adv effects in the environment.		
Acrylamide (79-06-1)		
LC50 fish 1	103 – 115 mg/l (Exposure time: 96 h - Species: Pimephales promelas [flow-through])	
EC50 Daphnia 1 98 mg/l (Exposure time: 48 h - Species: Daphnia magna)		
LC50 fish 2 124 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])		
EC50 Daphnia 2 98 mg/l (Exposure time: 48 h - Species: Daphnia magna [Flow through])		

No additional information available

12.3.	Bioaccumulative potential
Acry	lamide (79-06-1)
Partit	tion coefficient n-octanol/water (Log Pow) -1.24
12.4.	Mobility in soil
No addit	tional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations	
13.1. Disposal methods	
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
SECTION 14: Transport information	
Department of Transportation (DOT)	
In accordance with DOT	

Not applicable

Transportation of Dangerous Goods

Not applicable

Transport by sea

Not applicable

Air transport

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Acrylamide (79-06-1)		
Listed on the United States TSCA (Toxic Substances Control Act) inventory Subject to reporting requirements of United States SARA Section 313 Listed on EPA Hazardous Air Pollutant (HAPS)		
CERCLA RQ	5000 lb	
RQ (Reportable quantity, section 304 of EPA's List of Lists)	5000 lb	
Section 302 EPCRA Reportable Quantity (RQ)	5000 lb	
SARA Section 302 Threshold Planning Quantity (TPQ)	1000 – 10000 lb	

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

15.2. International regulations

CANADA

Acrylamide (79-06-1)		
Listed on the Canadian DSL (Domestic Substances List)		
Toxic Substance (CEPA – Schedule I) Yes		

EU-Regulations

Acrylamide (79-06-1)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

Acrylamide (79-06-1)
Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)
Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China)
Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory
Listed on the Japanese ISHL (Industrial Safety and Health Law)
Listed on KECL/KECI (Korean Existing Chemicals Inventory)
Listed on NZIoC (New Zealand Inventory of Chemicals)
Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)
Japanese Poisonous and Deleterious Substances Control Law
Japanese Pollutant Release and Transfer Register Law (PRTR Law)
Listed on INSQ (Mexican National Inventory of Chemical Substances)
Listed on CICR (Turkish Inventory and Control of Chemicals)
Listed on the TCSI (Taiwan Chemical Substance Inventory)

15.3. US State regulations

Acrylamide (79-					
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)	Maximum allowable dose level (MADL)
Yes	Yes	No	Yes	0.2 μg/day	140 µg/day
Component			State or local regulations		
Acrylamide(79-06-1)			U.S Massachusetts - Right To Know List; U.S New Jersey - Right to Know Hazardous Substance List; U.S Pennsylvania - RTK (Right to Know) - Environmental Hazard List; U.S Pennsylvania - RTK (Right to Know) List		

SECTION 16: Other information

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Hazard Rating	
Health	: 1 Slight Hazard - Irritation or minor reversible injury possible
Flammability	 1 Slight Hazard - Materials that must be preheated before ignition will occur. Includes liquids, solids and semi solids having a flash point above 200 F. (Class IIIB)
Physical	: 0 Minimal Hazard - Materials that are normally stable, even under fire conditions, and will NOT react with water, polymerize, decompose, condense, or self-react. Non-Explosives.

SDS US (GHS HazCom 2012)

POLYSCIENCES, INC. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. Individuals receiving this information must exercise their independent judgment in determining its appropriateness for a particular purpose. POLYSCIENCES, INC. makes no representations or warranties, either expressed or implied of merchantability, fitness for particular purposes with respect to the information set forth herein or to which the information refers. Accordingly, POLYSCIENCES, INC. will not be responsible for damages resulting from the use of or reliance upon this information.