

Hydroxy(2-hydroxynaphth-1-yl)acetic acid Safety Data Sheet 26291Z2 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Date of issue: 02/11/2016 Version: 1.0

SECTION 1: Identification	
1.1. Identification	
Product form	: Substance
Substance name	: Hydroxy(2-hydroxynaphth-1-yl)acetic acid
CAS No	: 624722-10-7
Product code	: 2629-1-Z2
Formula	: C12H10O4
Synonyms	: 2-Hydroxy-2-(2-hydroxynaphth-1-yl)ethanoic acid; 1-[Carboxy(hydroxy)methyl]-2- hydroxynaphthalene
Other means of identification	: MFCD06411618
1.2. Relevant identified uses of the subst	tance or mixture and uses advised against
Use of the substance/mixture	: Laboratory chemicals
	Manufacture of substances Scientific research and development
1.3. Details of the supplier of the safety of	lata sheet
SynQuest Laboratories, Inc.	
P.O. Box 309	
Alachua, FL 32615 - United States of America T (386) 462-0788 - F (386) 462-7097	
info@synquestlabs.com - www.synquestlabs.com	<u>1</u>
1.4. Emergency telephone number	
Emergency number	: (844) 523-4086 (3E Company - Account 10069)
SECTION 2: Hazard(s) identification	
2.1. Classification of the substance or m	ixture
Classification (GHS-US)	
Skin Irrit. 2 H315 - Causes skin irritation	
Eye Irrit. 2A H319 - Causes serious eye irritati	
STOT SE 3 H335 - May cause respiratory irrit	ation
Full text of H-phrases: see section 16	
2.2. Label elements	
GHS-US labeling	
Hazard pictograms (GHS-US)	
· - · ·	
	GHS07
	GHS07
Signal word (GHS-US)	: Warning
	 Warning H315 - Causes skin irritation H319 - Causes serious eye irritation
Signal word (GHS-US)	: Warning : H315 - Causes skin irritation
Signal word (GHS-US)	 Warning H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation P261 - Avoid breathing dust, mist, spray
Signal word (GHS-US) Hazard statements (GHS-US)	 Warning H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation P261 - Avoid breathing dust, mist, spray P264 - Wash skin thoroughly after handling
Signal word (GHS-US) Hazard statements (GHS-US)	 Warning H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation P261 - Avoid breathing dust, mist, spray P264 - Wash skin thoroughly after handling P271 - Use only outdoors or in a well-ventilated area
Signal word (GHS-US) Hazard statements (GHS-US)	 Warning H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation P261 - Avoid breathing dust, mist, spray P264 - Wash skin thoroughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing/eye protection/face protection P302+P352 - If on skin: Wash with plenty of soap and water
Signal word (GHS-US) Hazard statements (GHS-US)	 Warning H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation P261 - Avoid breathing dust, mist, spray P264 - Wash skin thoroughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing/eye protection/face protection P302+P352 - If on skin: Wash with plenty of soap and water P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing
Signal word (GHS-US) Hazard statements (GHS-US)	 Warning H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation P261 - Avoid breathing dust, mist, spray P264 - Wash skin thoroughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing/eye protection/face protection P302+P352 - If on skin: Wash with plenty of soap and water P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact
Signal word (GHS-US) Hazard statements (GHS-US)	 Warning H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation P261 - Avoid breathing dust, mist, spray P264 - Wash skin thoroughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing/eye protection/face protection P302+P352 - If on skin: Wash with plenty of soap and water P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
Signal word (GHS-US) Hazard statements (GHS-US)	 Warning H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation P261 - Avoid breathing dust, mist, spray P264 - Wash skin thoroughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing/eye protection/face protection P302+P352 - If on skin: Wash with plenty of soap and water P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P312 - Call a POISON CENTER or doctor/physician if you feel unwell P321 - Specific treatment (see supplemental first aid instructions on this label)
Signal word (GHS-US) Hazard statements (GHS-US)	 Warning H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation P261 - Avoid breathing dust, mist, spray P264 - Wash skin thoroughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing/eye protection/face protection P302+P352 - If on skin: Wash with plenty of soap and water P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P312 - Call a POISON CENTER or doctor/physician if you feel unwell P321 - Specific treatment (see supplemental first aid instructions on this label) P332+P313 - If skin irritation occurs: Get medical advice/attention
Signal word (GHS-US) Hazard statements (GHS-US)	 Warning H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation P261 - Avoid breathing dust, mist, spray P264 - Wash skin thoroughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing/eye protection/face protection P302+P352 - If on skin: Wash with plenty of soap and water P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P312 - Call a POISON CENTER or doctor/physician if you feel unwell P321 - Specific treatment (see supplemental first aid instructions on this label) P332+P313 - If skin irritation occurs: Get medical advice/attention P337+P313 - If eye irritation persists: Get medical advice/attention
Signal word (GHS-US) Hazard statements (GHS-US)	 Warning H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation P261 - Avoid breathing dust, mist, spray P264 - Wash skin thoroughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing/eye protection/face protection P302+P352 - If on skin: Wash with plenty of soap and water P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P312 - Call a POISON CENTER or doctor/physician if you feel unwell P321 - Specific treatment (see supplemental first aid instructions on this label) P332+P313 - If skin irritation occurs: Get medical advice/attention
Signal word (GHS-US) Hazard statements (GHS-US)	 Warning H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation P261 - Avoid breathing dust, mist, spray P264 - Wash skin thoroughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing/eye protection/face protection P302+P352 - If on skin: Wash with plenty of soap and water P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing P312 - Call a POISON CENTER or doctor/physician if you feel unwell P321 - Specific treatment (see supplemental first aid instructions on this label) P332+P313 - If skin irritation occurs: Get medical advice/attention P337+P313 - If eye irritation persists: Get medical advice/attention P362+P364 - Take off contaminated clothing and wash it before reuse

Safety Data Sheet

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

P501 - Dispose of contents/container to an approved waste disposal plant

present and easy to do. Continue rinsing. Get medical advice/attention. First-aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. 4.2. Most important symptoms and effects, both acute and delayed Symptoms/injuries : The most important known symptoms and effects are described in the labelling (see sectio 2.2) and/or in section 11. 4.3. Indication of any immediate medical attention and special treatment needed Treat symptomatically. SECTION 5: Firefighting measures 5.1. Extinguishing media Suitable extinguishing media Suitable extinguishing media Sing from the substance or mixture Fire hazard : Thermal decomposition generates: Carbon oxides. 5.3. Advice for firefighters Firefighting instructions : In case of fire: Evacuate area. Protection during firefighting : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protective of surgenses" 6.1. Personal precautions, protective equipment and emergency procedures General measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breath dust.	1 301 - Dispose of contents/container to an approved waste disposal plant			
2.4. Unknown acute toxicity (GHS US) Nor applicable SECTION 3: Composition/information on ingredients Substance Substance Substance type : Mono-constituent Name Product identifier % Classification (GHS-US) Hydrox/24/tydroxynaphth-1-ylacetic add (CAS No 624722-10-7 <= 100				
Not applicable SECTION 3: Composition/information on ingredients 1.1 Substance Substance type : Mono-constituent Name Product identifier % Classification (CHS-US) Swin Intr. 2, H315 Swin Intr. 2, H315 Swin Intr. 2, H315 Swin Intr. 2, H315 Statute (CAS No 624722-10-7 <= 100				
Section 3: Composition/information on ingredients Substance Subs	ite toxicity (GHS US)			
Substance Mono-constituent Name Product identifier % Classification (GHS-US) Name Product identifier % Classification (GHS-US) Name Product identifier % Classification (GHS-US) Vietary (2-hydroxynaphth - 1-yl)acetic acid (ics No ib 24722-10-7 e= 100 Skin Intt. 2, H315 Vietary (2-hydroxynaphth - 1-yl)acetic acid (ics No ib 24722-10-7 e= 100 Skin Intt. 2, H315 Vietary (2-hydroxynaphth - 1-yl)acetic acid (ics No ib 24722-10-7 e= 100 Skin Intt. 2, H315 Vietary (2-hydroxynaphth - 1-yl)acetic acid Ics Stan Intt. 2, H315 Skin Intt. 2, H315 Skin Intt. 2, H315 Vietary (2-hydroxynaphth - 1-yl)acetic acid Ics Stan Intt. 2, H315 Skin Intt. 2, H315 Skin Intt. 2, H315 Skin Intt. 2, H315 Vietary (2-hydroxynaphth - 1-yl)acetic acid Ick Stan Intt. 2, H315 Skin Intt. 2, H315 Skin Intt. 2, H315 Skin Intt. 2, H315 Vietary (2-hydroxynaphth - 1-yl)acetic acid Ick Stan Intt. 2, H315 Skin Intt. 2, H315 Skin Intt. 2, H315 Skin Intt. 2, H315 Vietary (2-hydroxynaphth - 1-yl)acetic acid acid Stan Intt. 2, H315 Skin Intt. 2, H315 Skin Intt. 2, H315 Skin Int. 2, H315 <t< td=""><td></td><td></td></t<>				
Name Product identifier % Classification (GHS-US) Hydroxy(2) Hydroxynaphth-1-ylacetic acid (CAS No) 624722-10-7 c= 100 SH Intt 2, 1435 With an overlive of the operation of first aid measures SH Intt 2, 1435 STOT SE 3, H335 Itext of H-phrases: see section 16 Itext of H-phrases: see section 16 2. Mixture Itext of H-phrases: see section 16 Itext of H-phrases: see section 16 Starture Itext of H-phrases: see section 16 Itext of H-phrases: see section 16 Itext of H-phrases: see section 16 Starture Itext of H-phrases: see section 16 Itext of H-phrases: see section 16 Itext of H-phrases: see section 16 Starture Itext of H-phrases: see section 16 Itext of H-phrases: see section 16 Itext of H-phrases: see section 16 Starture Itext of H-phrases: see section 2005 Itext of H-phrases: see section 2005 Itext of H-phrases: see section 2005 Starture Itext of H-phrases: see section 2005 Itext of Hephrases: see section 2005 Itext of Hephrases: see section 2005 Starture Itext of Hephrases: see section 2005 Itext of Hephrasesesection 2005 Itext of Hephrases	osition/information on ingredients			
Name Product identifier % Classification (GHS-US) Hydroxy(2-hydroxynaphth-1-yljacetic acid (fiken constaured) (CAS No) 624722-10-7 e= 100 Skin Intt. 2, H315 STOT SE 3, H335 Uitext of H-phrases: see section 16				
HydawyCzbydrownaphth-1-yłjacetic add (CAS No) 624722-10-7 cm 100 Ski tritt 2, 14315 Syn tritt 2, 14315 With construently Stor S E 3, H335 STOT S E 3, H335 Full text of H-phrases: see section 16 1.2 Mixture Stor S E 3, H335 STOT S E 3, H335 Stor S E 3, H335 STOT S E 3, H335 Stor S E 3, H335 STOT S E 3, H335 Stor S E 3, H335 STOT S E 3, H335 Stor S E 3, H335 STOT S E 3, H335 Stor S E 3, H335 STOT S E 3, H335 Stor S E 3, H335 STOT S E 3, H335 Stor S E 3, H335 STOT S E 3, H335 Stor S E 3, H335 STOT S E 3, H335 Stor S E 3, H335 Stor S E 3, H335 Stor S E 3, H335 Stor S E 3, H335 Stor S E 3, H335 Stor S E 3, H335 Stor S E 3, H335 Stor S E 3, H335 Stor S E 3, H335 Stor S E 3, H335 Stor S E 3, H335 Stor S E 3, H335 Stor S E 3, H335 Stor S E 3, H335 Stor S E 3, H335 Stor S E 3, H335 Stor S E 3, H335 Stor S E 3, H335 Stor S E 3, H335	: Mono-constituent			
(Main constraint) Eye (m. 2A, H318 Full text of H-phrases: see section 16 STOT SE 3, H335 Full text of H-phrases: see section 16 Mixture Voit applicable Stor SE 3, H335 SECTION 4: First aid measures First-aid measures general : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Move the affected personnel away from the contaminated area. First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If not breathing, give antificrespiration. Get medical advice/attention. First-aid measures after eye contact : Wash with plenty of soap and water. Get medical advice/attention. First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lens present and easy to 6. Continue rinsing. Get medical advice/attention. First-aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. First asymptoms/injuries : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. First asymptomatically. SECTION 5: Firefighting measures Still Extinguishing media : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. Still Exti	Product identifier % Classification (GHS-US	5)		
b.2. Mixture Vot applicable SECTION 4: First aid measures First-aid measures general : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Move the affected personnel away from the contaminated area. First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing, If not breathing, give artific respiration. Get medical advice/attention. First-aid measures after eye contact : Wash with plenty of soap and water. Get medical advice/attention. First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lens present and easy to do. Continue rinsing. Get medical advice/attention. First-aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. Attent in the abeling (see section 2.2) and/or in section 11. 1.3. Indication of any immediate medical attention and special treatment needed 1.4. Treat symptomatically. SECTION 5: Firefighting measures Stable exinguishing media : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. S1. Special hazards arising from the substance or mixture Fire hazard : In case of fire: Evacuate area. S1.	Eye Irrit. 2A, H319			
Not applicable SECTION 4: First aid measures irst-aid measures general : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Move the affected personnel away from the contaminated area. irst-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If not breathing, give artific respiration. Get medical advice/attention. irst-aid measures after skin contact : Wash with plenty of soap and water. Get medical advice/attention. irst-aid measures after skin contact : Wash with plenty of soap and water. Get medical advice/attention. irst-aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. irst-aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. ivpmptoms/injuries : The most important known symptoms and effects are described in the labelling (see sectio 2.2) and/or in section 11. i. Indication of any immediate medical attention and special treatment needed reat symptomatically. SectTION 5: Firefighting measures ire hazard : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. ire hazard : Thermal decomposition generates: Carbon oxides	ee section 16			
SECTION 4: First aid measures 4.1 Description of first aid measures iirst-aid measures general : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Move the affected personnel away from the contaminated area. iirst-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing, fir not breathing, give artific respiration. Get medical advice/attention. iirst-aid measures after skin contact : Wash with plenty of soap and water. Get medical advice/attention. iirst-aid measures after reye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lens present and easy to do. Continue rinsing. Get medical advice/attention. iirst-aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. 2.1 Most important symptoms and effects, both acute and delayed Symptoms/injuries : The most important known symptoms and effects are described in the labelling (see sectio 2.2) and/or in section 11. 3.3 Indication of any immediate medical attention and special treatment needed reat symptomatically. : SECTION 5: Firefighting media : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. iire hazard : Thermal decomposition generates				
1. Description of first aid measures irist-aid measures general : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Move the affected personnel away from the contaminated area. irist-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If no threathing, give artifir respiration. Get medical advice/attention. irist-aid measures after skin contact : Wash with plenty of soap and water. Get medical advice/attention. irist-aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. irist-aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. irist-aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. irist-aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. irist-aid measures : The most important known symptoms and effects are described in the labelling (see sectic 2.2) and/or in section 11. i.a. Indication of any immediate medical attention and special treatment needed ireat symptomatically. : ECTION 5: Firefighting				
iirst-aid measures general : In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Move the affected personnel away from the contaminated area. iirst-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If not breathing, give artific respiration. Get medical advice/attention. iirst-aid measures after skin contact : Wash with plenty of soap and water. Get medical advice/attention. iirst-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lens present and easy to do. Continue rinsing. Get medical advice/attention. iirst-aid measures after ingestion : Do NOT induce vorniting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. iirst-aid measures after ingestion : Do NOT induce vorniting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. iirst-aid measures after ingestion : Do NOT induce vorniting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. iirst-aid measures after ingestion : Do NOT induce vorniting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. iirst-aid measures : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. iiiirst atinguishing media : Alcohol resi	aid measures			
where possible). Move the affected personnel away from the contaminated area. iirst-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If not breathing, give artifin iirst-aid measures after skin contact : Wash with plenty of soap and water. Get medical advice/attention. iirst-aid measures after skin contact : Wash with plenty of soap and water. Get medical advice/attention. iirst-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lens present and easy to do. Continue rinsing. Get medical advice/attention. iirst-aid measures after ingestion : Do NOT induce voniting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. iirst-aid measures after ingestion : Do NOT induce voniting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. iirst-aid measures : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. iii. Indication of any immediate medical attention and special treatment needed ireat symptomatically. : SECTION 5: Firefighting measures : iii : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. iiii : Secorial haz	f first aid measures			
respiration. Get medical advice/attention. respiration approximation of the provide advice/attention. respiration acute advice/attention. respirat		əl		
First-aid measures after eye contact : Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lensi present and easy to do. Continue rinsing. Get medical advice/attention. : irst-aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. .2. Most important symptoms and effects, both acute and delayed Symptoms/injuries : The most important known symptoms and effects are described in the labelling (see sector 2.2) and/or in section 11. .3. Indication of any immediate medical attention and special treatment needed reat symptomatically. : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media .3. indication of firefighting measures .4. : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. .5. Special hazards arising from the substance or mixture irre hazard : Thermal decomposition generates: Carbon oxides. .5.3. Advice for firefighters irrefighting instructions : In case of fire: Evacuate area. Protection during firefighting : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protective clothing in combination, services and protecti		tificial		
present and easy to do. Continue rinsing. Get medical advice/attention. First-aid measures after ingestion : Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth out with water. Get medical advice/attention. 1.2. Most important symptoms and effects, both acute and delayed Symptoms/injuries : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. 1.3. Indication of any immediate medical attention and special treatment needed Treat symptomatically. SECTION 5: Firefighting measures 5.1. Extinguishing media 1.1. Extinguishing media 1.2. Special hazards arising from the substance or mixture Tire hazard : Thermal decomposition generates: Carbon oxides. 5.3. Advice for firefighters Firefighting instructions : In case of fire: Evacuate area. Protection during firefighting : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protective for the section 8: "Exposure controls/personal protective for the section 8: "Exposure controls/personal protective for the dust. 5.4. Personal precautions, protective equipment and emergency procedures SectorION 6: Accidental release measures : Evacuate unnecessary				
Accidential release measures : In case of fire: Evacuate area. Protection during firefighting : In case of fire: Evacuate area. Protection during firefighting : In case of fire: Evacuate area. Protection during firefighting : Vear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protective	present and easy to do. Continue rinsing. Get medical advice/attention.	: Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical advice/attention.		
Symptoms/injuries : The most important known symptoms and effects are described in the labelling (see section 2.2) and/or in section 11. 1.3. Indication of any immediate medical attention and special treatment needed Treat symptomatically. SECTION 5: Firefighting measures 5.1. Extinguishing media Suitable extinguishing media : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. 5.2. Special hazards arising from the substance or mixture Fire hazard : Thermal decomposition generates: Carbon oxides. 5.3. Advice for firefighters Firefighting : In case of fire: Evacuate area. Protection during firefighting : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection be setted approximation refer to section 8: "Exposure controls/personal protection be approximated at the approximation refer to section 8: "Exposure controls/personal protection be approximated and emergency procedures 6.1. Personal precautions, protective equipment and emergency procedures 6.1. For non-emergency personnel				
2.2) and/or in section 11. 3. Indication of any immediate medical attention and special treatment needed Treat symptomatically. SECTION 5: Firefighting measures 5.1. Extinguishing media Suitable extinguishing media C.2. Special hazards arising from the substance or mixture Fire hazard C.3. Advice for firefighters C.4. Codental release measures C.5. Accidental release measures C.5. Personal precautions, protective equipment and emergency procedures C.5. Codental release measures C.5. Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. C.5. Advice for non-emergency personnel C.5. Codental release measures C.5. Co	4.2. Most important symptoms and effects, both acute and delayed			
Treat symptomatically. SECTION 5: Firefighting measures Suitable extinguishing media S				
SECTION 5: Firefighting measures 5.1. Extinguishing media Suitable extinguishing media Suitable extinguishing media Special hazards arising from the substance or mixture Fire hazard : Thermal decomposition generates: Carbon oxides. 5.3. Advice for firefighters Firefighting instructions : In case of fire: Evacuate area. Protection during firefighting : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protective of the substance or mixture State State State State Protection during firefighting : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. State : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. State : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust.	any immediate medical attention and special treatment needed			
A1. Extinguishing media Suitable extinguishing media : Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. S2. Special hazards arising from the substance or mixture Fire hazard : Thermal decomposition generates: Carbon oxides. Advice for firefighters : Firefighting instructions : In case of fire: Evacuate area. Protection during firefighting : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection SECTION 6: Accidental release measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. 6.1. For non-emergency personnel : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust.				
5.1. Extinguishing media Alcohol resistant foam. Carbon dioxide. Dry powder. Water spray. Use extinguishing media appropriate for surrounding fire. 5.2. Special hazards arising from the substance or mixture Image: Special hazards arising from the substance or mixture Fire hazard : Thermal decomposition generates: Carbon oxides. 6.3. Advice for firefighters Image: Special hazards arising from the substance or fire: Evacuate area. Firefighting instructions : In case of fire: Evacuate area. Protection during firefighting : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection SECTION 6: Accidental release measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. 6.1. For non-emergency personnel : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust.	phting measures			
appropriate for surrounding fire. 5.2. Special hazards arising from the substance or mixture Fire hazard : Thermal decomposition generates: Carbon oxides. 5.3. Advice for firefighters Firefighting instructions : In case of fire: Evacuate area. Protection during firefighting : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection SECTION 6: Accidental release measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. S.1. For non-emergency personnel				
Fire hazard : Thermal decomposition generates: Carbon oxides. 5.3. Advice for firefighters : In case of fire: Evacuate area. Firefighting instructions : In case of fire: Evacuate area. Protection during firefighting : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection SECTION 6: Accidental release measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. General measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust.		dia		
Advice for firefighters Firefighting instructions : In case of fire: Evacuate area. Protection during firefighting : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection SECTION 6: Accidental release measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. General measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust.	ds arising from the substance or mixture			
Firefighting instructions : In case of fire: Evacuate area. Protection during firefighting : Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection SECTION 6: Accidental release measures	: Thermal decomposition generates: Carbon oxides.			
Protection during firefighting Wear gas tight chemically protective clothing in combination with self contained breathing apparatus. For further information refer to section 8: "Exposure controls/personal protection ECTION 6: Accidental release measures A.1. Personal precautions, protective equipment and emergency procedures Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. A.1. For non-emergency personnel	efighters			
apparatus. For further information refer to section 8: "Exposure controls/personal protection	: In case of fire: Evacuate area.			
Personal precautions, protective equipment and emergency procedures General measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. 4.1.1. For non-emergency personnel		0		
General measures : Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust. 6.1.1. For non-emergency personnel				
S.1.1. For non-emergency personnel				
	: Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe dust.			
	gency personnel			
mergency procedures : Only qualified personnel equipped with suitable protective equipment may intervene.	: Only qualified personnel equipped with suitable protective equipment may intervene.			
6.1.2. For emergency responders	av responders			
Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".	y responders			

Avoid release to the environment. Notify authorities if product enters sewers or public waters.

Safety Data Sheet

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

6.3. Methods and material for contai	nment and cleaning up
For containment	: Stop leak if safe to do so.
Methods for cleaning up	: Sweep or shovel spills into appropriate container for disposal. Minimize generation of dust.
Other information	: For disposal of solid materials or residues refer to section 13 : "Disposal considerations".
6.4. Reference to other sections	
No additional information available	
SECTION 7: Handling and storage	9
7.1. Precautions for safe handling	
Precautions for safe handling	Do not handle until all safety precautions have been read and understood. Ensure good ventilation of the work station. Do not breathe dust, mist, spray. Wear personal protective equipment. Avoid contact with skin and eyes.
Hygiene measures	: Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, incl	uding any incompatibilities

Technical measures	: Comply with applicable regulations.
Storage conditions	: Keep container closed when not in use.
Incompatible materials	: Refer to Section 10 on Incompatible Materials.
Storage area	: Store in dry, cool, well-ventilated area.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls	
Appropriate engineering controls	: Ensure good ventilation of the work station. Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure.
Hand protection	: Protective gloves. 29 CFR 1910.138: Hand Protection.
Eye protection	: Chemical goggles or safety glasses. Face shield. 29 CFR 1910.133: Eye and Face Protection.
Skin and body protection	: Wear suitable protective clothing.
Respiratory protection	 In case of inadequate ventilation wear respiratory protection. 29 CFR 1910.134: Respiratory Protection.
Other information	: Safety shoes. 29 CFR 1910.136: Foot Protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical a	nd chemical properties	
Physical state	: Solid	
Color	: No data available	
Odor	: No data available	
Odor threshold	: No data available	
рН	: No data available	
Melting point	: 129 - 130 °C	
Freezing point	: No data available	
Boiling point	: No data available	
Flash point	: No data available	
Relative evaporation rate (butyl acetate=1)	: No data available	
Flammability (solid, gas)	: No data available	
Explosion limits	: No data available	
Explosive properties	: No data available	
Oxidizing properties	: No data available	
Vapor pressure	: No data available	
Relative density	: No data available	
Relative vapor density at 20 °C	: No data available	
Molecular mass	: 218.21 g/mol	

Safety Data Sheet

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

Solubility	: No data available
Log Pow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

9.2. **Other information**

No additional information available

OFOT	ION 40. Stobility and read	
	ION 10: Stability and read	
10.1.	Reactivity	
No add	itional information available	
10.2.	Chemical stability	
The pro	oduct is stable at normal handling	and storage conditions.
10.3.	Possibility of hazardous read	tions
No add	itional information available	
10.4.	Conditions to avoid	
Keep a	way from heat, sparks and flame.	
10.5.	Incompatible materials	
Strong	oxidizing agents.	
10.6.	0.6. Hazardous decomposition products	
	normal conditions of storage and use Section 5.	use, hazardous decomposition products should not be produced. Hazardous decomposition products in case of
SECT	ION 11: Toxicological inf	ormation
11.1.	Information on toxicological	effects
Acute to	oxicity	: Not classified
Skin co	prosion/irritation	: Causes skin irritation.

Skir corosion/iritation	. Causes skin initiation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity (single exposure)	: May cause respiratory irritation.
Specific target organ toxicity (repeated exposure)	: Not classified

Aspiration hazard

: Not classified

SECT	ION 12: Ecological information	on		
12.1.	Toxicity			
No add	itional information available			
12.2.	Persistence and degradability			
No add	itional information available			
12.3.	Bioaccumulative potential			
No add	itional information available			
12.4.	Mobility in soil			
No add	itional information available			
12.5.	Other adverse effects			
No additional information available				
12/06/20	16	EN (English US)	SDS ID: 26291Z2	4/6

Safety Data Sheet

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

SECTION 12, Disposal consideration		
SECTION 13: Disposal consideration		
13.1.Waste treatment methodsWaste treatment methodsWaste disposal recommendationsAdditional information	 Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber. Dispose of contents/container in accordance with licensed collector's sorting instructions. Recycle the material as far as possible. 	
SECTION 14: Transport information	n	
Department of Transportation (DOT) In accordance with DOT Not regulated for transport TDG No additional information available Transport by sea		
No additional information available		
Air transport No additional information available		
SECTION 15: Regulatory information	on	
15.1. US Federal regulations		
All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory except for:		

Hydroxy(2-hydroxynaphth-1-yl)acetic acid	CAS No 624722-10-7	100%	

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

15.2. International regulations

CANADA

No additional information available

EU-Regulations No additional information available

National regulations

No additional information available

15.3. US State regulations

California Proposition 65 - This product does not contain any substances known to the state of California to cause cancer and/or reproductive harm

SECTION 16: Other information

Full text of H-phrases:

Eye Irrit. 2A	Serious eye damage/eye irritation Category 2A
Skin Irrit. 2	Skin corrosion/irritation Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H315	Causes skin irritation
H319	Causes serious eye irritation
H335	May cause respiratory irritation

Safety Data Sheet

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

NFPA health hazard	: 2 - Intense or continued exposure could cause temporary incapacitation or possible residual injury unless prompt medical attention is given.
NFPA fire hazard	: 0 - Materials that will not burn.
NFPA reactivity	: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.
HMIS III Rating	
Health	: 2 Moderate Hazard - Temporary or minor injury may occur
Flammability	: 0 Minimal Hazard - Materials that will not burn
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)

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is offered solely for your consideration, investigation, and verification. It does not represent any guarantee of the properties of the product nor that the hazard precautions or procedures described are the only ones which exist. SynQuest shall not be held liable or any damage resulting from handling or from contact with the above product.