

Safety Data Sheet 3730102 according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Version: 1.0

Date of issue: 06/27/2016

1.1. Identification		
Product form	: Substance	
Substance name	: o-Toluidine	
CAS No	: 95-53-4	
Product code	: 3730-1-02	
Formula	: C7H9N	
Synonyms	: 2-Methylaniline	
Other means of identification	: MFCD00007730	
1.2. Relevant identified uses of the	substance 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 sa	afety data sheet	
SynQuest Laboratories, Inc.		
P.O. Box 309		
Alachua, FL 32615 - United States of Amer T (386) 462-0788 - F (386) 462-7097	nca	
info@synquestlabs.com - www.synquestlab	bs.com	
1.4. Emergency telephone number		
Emergency number	: (844) 523-4086 (3E Company - Account 10069)	
SECTION 2: Hazard(s) identificat	tion	
2.1. Classification of the substance	e or mixture	
Classification (GHS-US)		
Flam. Lig. 4 H227 - Combu	istible liquid	
Acute Tox. 3 (Oral) H301 - Toxic if		
Acute Tox. 3 (Inhalation) H331 - Toxic if		
Skin Irrit. 2 H315 - Causes		
Eye Dam. 1 H318 - Causes Carc. 1B H350 - May ca	s serious eye damage	
	ause respiratory irritation	
Aquatic Acute 1 H400 - Very to	oxic to aquatic life	
	oxic to aquatic life with long lasting effects	
Full text of H-phrases: see section 16		
2.2. Label elements		
GHS-US labeling		
2.2. Label elements GHS-US labeling	: GHS05 GHS06 GHS07 GHS08 GHS09	
2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US)		
2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US)	: Danger	
2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US)	 Danger H227 - Combustible liquid H301+H331 - Toxic if swallowed or if inhaled 	
2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US)	 Danger H227 - Combustible liquid H301+H331 - Toxic if swallowed or if inhaled H315 - Causes skin irritation 	
2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US)	 Danger H227 - Combustible liquid H301+H331 - Toxic if swallowed or if inhaled H315 - Causes skin irritation H318 - Causes serious eye damage 	
2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US)	 Danger H227 - Combustible liquid H301+H331 - Toxic if swallowed or if inhaled H315 - Causes skin irritation H318 - Causes serious eye damage H335 - May cause respiratory irritation 	
2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US)	 Danger H227 - Combustible liquid H301+H331 - Toxic if swallowed or if inhaled H315 - Causes skin irritation H318 - Causes serious eye damage H335 - May cause respiratory irritation H350 - May cause cancer 	
2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US) Hazard statements (GHS-US)	 Danger H227 - Combustible liquid H301+H331 - Toxic if swallowed or if inhaled H315 - Causes skin irritation H318 - Causes serious eye damage H335 - May cause respiratory irritation H350 - May cause cancer H410 - Very toxic to aquatic life with long lasting effects 	
2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US) Hazard statements (GHS-US)	 Danger H227 - Combustible liquid H301+H331 - Toxic if swallowed or if inhaled H315 - Causes skin irritation H318 - Causes serious eye damage H335 - May cause respiratory irritation H350 - May cause cancer H410 - Very toxic to aquatic life with long lasting effects P201 - Obtain special instructions before use 	
2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US) Hazard statements (GHS-US)	 Danger H227 - Combustible liquid H301+H331 - Toxic if swallowed or if inhaled H315 - Causes skin irritation H318 - Causes serious eye damage H335 - May cause respiratory irritation H350 - May cause cancer H410 - Very toxic to aquatic life with long lasting effects P201 - Obtain special instructions before use P202 - Do not handle until all safety precautions have been read and understood P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking 	
2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US)	 Danger H227 - Combustible liquid H301+H331 - Toxic if swallowed or if inhaled H315 - Causes skin irritation H318 - Causes serious eye damage H335 - May cause respiratory irritation H350 - May cause cancer H410 - Very toxic to aquatic life with long lasting effects P201 - Obtain special instructions before use P202 - Do not handle until all safety precautions have been read and understood P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking P261 - Avoid breathing fumes, mist, spray, vapors 	
2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US) Hazard statements (GHS-US)	 Danger H227 - Combustible liquid H301+H331 - Toxic if swallowed or if inhaled H315 - Causes skin irritation H318 - Causes serious eye damage H335 - May cause respiratory irritation H350 - May cause cancer H410 - Very toxic to aquatic life with long lasting effects P201 - Obtain special instructions before use P202 - Do not handle until all safety precautions have been read and understood P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking P261 - Avoid breathing fumes, mist, spray, vapors P264 - Wash skin thoroughly after handling 	
2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US) Signal word (GHS-US) Hazard statements (GHS-US)	 Danger H227 - Combustible liquid H301+H331 - Toxic if swallowed or if inhaled H315 - Causes skin irritation H318 - Causes serious eye damage H335 - May cause respiratory irritation H350 - May cause cancer H410 - Very toxic to aquatic life with long lasting effects P201 - Obtain special instructions before use P202 - Do not handle until all safety precautions have been read and understood P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking P261 - Avoid breathing fumes, mist, spray, vapors 	

Safety Data Sheet

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

	P271 - Use only outdoors or in a well-ventilated area
	P273 - Avoid release to the environment
	P280 - Wear protective gloves/protective clothing/eye protection/face protection
	P301+P310 - If swallowed: Immediately call a poison center/doctor/
	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
	P308+P313 - If exposed or concerned: Get medical advice/attention
	P310 - Immediately call a POISON CENTER or doctor/ physician
	P311 - Call a POISON CENTER or doctor/physician
	P321 - Specific treatment (see supplemental first aid instructions on this label)
	P330 - Rinse mouth
	P332+P313 - If skin irritation occurs: Get medical advice/attention
	P362+P364 - Take off contaminated clothing and wash it before reuse
	P370+P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish P391 - Collect spillage
	P403+P233 - Store in a well-ventilated place. Keep container tightly closed
	P403+P235 - Store in a well-ventilated place. Keep cool
	P405 - Store locked up
	P501 - Dispose of contents/container to an approved waste disposal plant
Other hazards	

No additional information available

2.4. Unknown acute toxicity (GHS US)

Not applicable

2.3.

SECTION 3: Composition/information on ingredients

3.1. Substance Substance type

: Mono-constituent

Name	Product identifier	%	Classification (GHS-US)
o-Toluidine (Main constituent)	(CAS No) 95-53-4	<= 100	Flam. Liq. 4, H227 Acute Tox. 3 (Oral), H301 Acute Tox. 3 (Inhalation), H331 Skin Irrit. 2, H315 Eye Dam. 1, H318 Carc. 1B, H350 STOT SE 3, H335 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

Full text of H-phrases: see section 16

3.2. Mixture	
Not applicable	
SECTION 4: First aid measures	
4.1. Description of 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 artificial respiration. Get immediate medical advice/attention.
First-aid measures after skin contact	: Wash with plenty of soap and water. Remove contaminated clothing and shoes. Get immediate medical advice/attention.
First-aid measures after eye contact	: Immediately flush eyes thoroughly with water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate 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 immediate medical advice/attention.
4.2. Most important symptoms and effects	s, 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.
Symptoms/injuries after inhalation	: Material is destructive to tissue of the mucuous membranes and upper respiratory tract. Cough, shortness of breath, headache, nausea.
4.3. Indication of any immediate medical a	attention and special treatment needed

Treat symptomatically.

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

SECTION 5: Eirofighting massures	,
SECTION 5: Firefighting measures	
5.1. Extinguishing media	Alashal registent form Cathon diavide. Dry newder Water aprov Llas sytinguishing 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 su	
Fire hazard	: Thermal decomposition generates: Carbon oxides. Nitrogen oxides.
Explosion hazard	: Risk of explosion if heated under confinement. Use water spray or fog for cooling exposed containers. May form flammable/explosive vapor-air mixture.
5.3. Advice for firefighters	
Firefighting instructions	: In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion.
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 mea	isures
6.1. Personal precautions, protective ec	quipment and emergency procedures
General measures	: Evacuate unnecessary personnel. Ensure adequate air ventilation. Do not breathe gas, fumes, vapor or spray.
6.1.1. For non-emergency personnel	
Emergency procedures	: Only qualified personnel equipped with suitable protective equipment may intervene.
6.1.2. 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".
Emergency procedures	: Gas/vapor heavier than air. May accumulate in confined spaces, particularly at or below ground level. Consider the risk of potentially explosive atmospheres. Eliminate every possible source of ignition.
6.2. Environmental precautions	
Avoid release to the environment. Notify authori	ties if product enters sewers or public waters.
6.3. Methods and material for containm	ent and cleaning up
For containment	: Stop leak if safe to do so. Dike for recovery or absorb with appropriate material.
Methods for cleaning up	Take up large spills with pump or vacuum and finish with dry chemical absorbent. Use explosion-proof equipment. Take up small spills with dry chemical absorbent. Sweep or shovel spills into appropriate container for disposal. Ventilate area.
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	
7.1. Precautions for safe handling	
Additional hazards when processed	: Handle empty containers with care because residual vapors are flammable.
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 fumes, mist, spray, vapors. Wear personal protective equipment. Avoid contact with skin and eyes. Keep away from ignition sources (including static discharges). Proper grounding procedures to avoid static electricity should be followed. Use only non-sparking tools.
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.
	smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, includi	smoke when using this product. Always wash hands after handling the product.
7.2. Conditions for safe storage, includi Technical measures	smoke when using this product. Always wash hands after handling the product.
Hygiene measures 7.2. Conditions for safe storage, includi Technical measures Storage conditions Incompatible materials Storage area	 smoke when using this product. Always wash hands after handling the product. ing any incompatibilities Comply with applicable regulations. Keep container closed when not in use. Keep away from ignition sources. Air sensitive. Keep

Safety Data Sheet

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters			
o-Toluidine (95-53-4)			
ACGIH	ACGIH TWA (ppm)	2 ppm	
OSHA	OSHA PEL (TWA) (mg/m³)	22 mg/m ³	
OSHA	OSHA PEL (TWA) (ppm)	5 ppm	

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 and chemical properties		
Physical state	: Liquid	
Appearance	: Light yellow liquid. Becomes reddish-brown on exposure to air.	
Color	: light yellow red brown	
Odor	: No data available	
Odor threshold	: No data available	
рН	: No data available	
Melting point	: -28 °C	
Freezing point	: No data available	
Boiling point	: 199 - 200 °C	
Flash point	: 85 °C	
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	: 0.26 mm Hg 25.0	
Relative density	: No data available	
Relative vapor density at 20 °C	: No data available	
Specific gravity / density	: 1.008 g/ml (@ 25 °C)	
Molecular mass	: 107.15 g/mol	
Solubility	: Water: 8 g/l (at 20 °C)	
Log Pow	: 1.4 (at 24.5 °C)	
Auto-ignition temperature	: 483 °C	
Decomposition temperature	: No data available	
Viscosity	: No data available	
Viscosity, kinematic	: No data available	
Viscosity, dynamic	: No data available	
9.2. Other information		
Refractive index	: 1.572 (@ 20 °C)	
SECTION 10: Stability and reactivity	V	

SECTION 10: Stability and reactivity 10.1. Reactivity

No additional information available

Safety Data Sheet

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

10.2.	Chemical stability
The pro	oduct is stable at normal handling and storage conditions.
10.3.	Possibility of hazardous reactions
No add	litional information available
10.4.	Conditions to avoid
	way from heat, sparks and flame.
10.5.	Incompatible materials
	acids. Strong oxidizing agents.
10.6.	Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Hazardous decomposition products in case of fire, see Section 5.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Oral: Toxic if swallowed. Inhalation: Toxic if inhaled.
o-Toluidine (95-53-4)	
LD50 oral rat	670 mg/kg
LD50 dermal rabbit	3235 mg/kg
LC50 inhalation rat (ppm)	862 ppm/4h
ATE US (dermal)	3235.000 mg/kg body weight
ATE US (gases)	862.000 ppmV/4h
Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye damage.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: May cause cancer.
o-Toluidine (95-53-4)	
IARC group	1 - Carcinogenic to humans
National Toxicology Program (NTP) Status	2 - Known Human Carcinogens
In OSHA Hazard Communication Carcinogen list	Yes
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
Potential Adverse human health effects and symptoms	: Overexposure to this material may result in methemoglobinemia. Cyanosis may occur (lips and fingernails turn blue).
Symptoms/injuries after inhalation	: Material is destructive to tissue of the mucuous membranes and upper respiratory tract. Cough, shortness of breath, headache, nausea.

SECTI	ON 12: Ecological information		
12.1.	Toxicity		
No addit	ional information available		
12.2.	Persistence and degradability		
No addit	ional information available		
12.3.	Bioaccumulative potential		
o-Tolu	idine (95-53-4)		
Log Po	W	1.4 (at 24.5 °C)	
12.4.	Mobility in soil		
No addit	ional information available		

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

12.5. Other adverse effects

No additional information available

13.1. Waste treatment methods	
	: U.S RCRA (Resource Conservation & Recovery Act) - Basis for Listing - Appendix VII. U.S RCRA (Resource Conservation & Recovery Act) - Hazardous Constituents - Appendix VIII to 40 CFR 261. U.S RCRA (Resource Conservation & Recovery Act) - List for Hazardous Constituents. U.S RCRA (Resource Conservation & Recovery Act) - TSD Facilities Ground Water Monitoring. U.S RCRA (Resource Conservation & Recovery Act) - U Series Wastes - Acutely Toxic Wastes & Other Hazardous Characteristics.
Naste treatment methods	: Remove to an authorized incinerator equipped with an afterburner and a flue gas scrubber.
Naste disposal recommendations	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Additional information	: Recycle the material as far as possible.
SECTION 14: Transport information	
Department of Transportation (DOT) n accordance with DOT	
Fransport document description	: UN1708 Toluidines liquid, 6.1, II
(-)	: UN1708
1 11 8 ()	: Toluidines liquid
	: 6.1 - Class 6.1 - Poisonous materials 49 CFR 173.132
Hazard labels (DOT)	: 6.1 - Poison
Packing group (DOT)	: II - Medium Danger
Dangerous for the environment	: Yes
Marine pollutant	: Yes
DOT Packaging Non Bulk (49 CFR 173.xxx)	: 202
88 (: 243
2	: + - Fixes (cannot be altered) proper shipping name, hazard class, and packing group
	IB2 - Authorized IBCs: Metal (31A, 31B and 31N); Rigid plastics (31H1 and 31H2); Composite (31HZ1). Additional Requirement: Only liquids with a vapor pressure less than or equal to 110 kPa at 50 C (1.1 bar at 122 F), or 130 kPa at 55 C (1.3 bar at 131 F) are authorized. T7 - 4 178.274(d)(2) Normal
DOT Packaging Exceptions (49 CFR 173.xxx)	: 153
	: 5L
DOT Quantity Limitations Passenger aircraft/rail 49 CFR 173.27)	
	: 60 L

Safety Data Sheet

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

Other information

: No supplementary information available.

TDG

No additional information available

Transport by sea

UN-No. (IMDG)	: 1708
Proper Shipping Name (IMDG)	: TOLUIDINES, LIQUID
Class (IMDG)	: 6.1 - Toxic substances
Packing group (IMDG)	: II - substances presenting medium danger
Air transport UN-No. (IATA)	: 1708

Proper Shipping Name (IATA)	:	Toluidines, liquid
Class (IATA)	:	6.1 - Toxic Substances
Packing group (IATA)	:	II - Medium Danger

SECTION 15: Regulatory information

o-Toluidine (95-53-4)		
Listed on the United States TSCA (Toxic Substances Subject to reporting requirements of United States SA		
SARA Section 313 - Emission Reporting	0.1 %	

All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

o-Toluidine CAS No 95-53-4	100%
----------------------------	------

15.2. International regulations

CANADA	
o-Toluidine (95-53-4)	
Listed on the Canadian DSL (Domestic Sustances List)	
WHMIS Classification	Class B Division 3 - Combustible Liquid Class D Division 1 Subdivision A - Very toxic material causing immediate and serious toxic effects Class D Division 2 Subdivision A - Very toxic material causing other toxic effects

EU-Regulations

No additional information available

National regulations

o-Toluidine (95-53-4)

Listed on IARC (International Agency for Research on Cancer) Listed on the AICS (Australian Inventory of Chemical Substances) 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 the Korean ECL (Existing Chemicals List) 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 as carcinogen on NTP (National Toxicology Program) Listed on the Canadian IDL (Ingredient Disclosure List) Listed on INSQ (Mexican national Inventory of Chemical Substances)

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

15.3. US State regulations	
o-Toluidine (95-53-4)	
U.S California - Proposition 65 - Carcinogens List	Yes
U.S California - Proposition 65 - Developmental Toxicity	No
U.S California - Proposition 65 - Reproductive Toxicity - Female	No
U.S California - Proposition 65 - Reproductive Toxicity - Male	No
No significant risk level (NSRL)	4 μg/day
State or local regulations	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) - Special Hazardous Substances U.S Pennsylvania - RTK (Right to Know) List

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity

SECTION 16: Other information

12/08/2016	EN (English US)	SDS ID: 3730102	8/9	
SDS US (GHS HazCom 2012)				
Physical		erials that are normally stable, even under fire conditions, a erize, decompose, condense, or self-react. Non-Explosives.	nd will NC	
Flammability	lity : 2 Moderate Hazard - Materials which must be moderately heated or exposed to high ambient temperatures before ignition will occur. Includes liquids having a flash point at or above 100 F but below 200 F. (Classes II & IIIA)			
	· • /	nealth effects may result from repeated overexposure		
Health	: 3 Serious Hazard - Ma given	jor injury likely unless prompt action is taken and medical t	reatment	
U	0. Oprimus Harrada Ma	the follow Place and a compared and the following and an effective		
HMIS III Rating				
NFFA TEACTIVILY	and are not reactive with			
NFPA reactivity	1 0	n under fire exposure conditions,		
NFPA fire hazard	: 2 - Must be moderately h temperature before igniti	neated or exposed to relatively high	•	
NFPA health hazard		cause serious temporary or gh prompt medical attention was		
11410		very toxic to aquatic me with long lasting enects		
H400 H410		Very toxic to aquatic life with long lasting effects		
H350 H400		May cause cancer Very toxic to aquatic life		
H335		May cause respiratory irritation		
H331		Toxic if inhaled		
H318		Causes serious eye damage		
H315		Causes skin irritation		
H301		Combustible liquid Toxic if swallowed		
H227				
STOT SE 3		Specific target organ toxicity (single exposure) Category 3		
Skin Irrit. 2		Skin corrosion/irritation Category 2		
Flam. Liq. 4		Flammable liquids Category 4		
Eye Dam. 1		Serious eye damage/eye irritation Category 1		
Carc. 1B		Carcinogenicity Category 1B	• •	
Aquatic Chronic 1		Hazardous to the aquatic environment - Chronic Hazard		
Aquatic Acute 1		Hazardous to the aquatic environment - Acute Hazard Ca	tegory 1	
Acute Tox. 3 (Oral)		Acute toxicity (oral) Category 3		
Acute Tox. 3 (Inhalation)		Acute toxicity (inhalation) Category 3		

Safety Data Sheet

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

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.