

Ref. /US/EN

DyeTechs 6115 LS

Revision Date: 04/20/2015

Previous date: 04/20/2015

Print Date:05/08/2015

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Product information

Product name

DyeTechs 6115 LS

Recommended use of the chemical and restrictions on use**Use of the Substance/Mixture**

Dye Fixative

Supplier's details

American Textile, LLC.
3235 Satellite Boulevard
Building 400, Suite 30
Duluth, Georgia 30096
Telephone: +770 2922226
Telefax: +678 5473179
Emai: admin@americantextilellc.com

Emergency number

CHEMTREC: 1-800-424-9300

2. HAZARDS IDENTIFICATION

Classification of the substance or mixture

Carcinogenicity; Category 1B; May cause cancer.;

Reproductive toxicity; Category 1B; May damage fertility or the unborn child.;

GHS-Labeling

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Hazard pictograms



Signal word

: Danger

Hazard statements

: **Hazard statements:**

H350

May cause cancer.

H360

May damage fertility or the unborn child.

Precautionary statements

: **Prevention:**

P201

Obtain special instructions before use.

P202

Do not handle until all safety precautions have been read and understood.

P280

Wear protective gloves/ protective clothing/ eye protection/ face protection.

Response:

P308 + P313

IF exposed or concerned: Get medical advice/ attention.

Storage:

P405

Store locked up.

Disposal:

Must be disposed of in accordance with local and national regulations.

Hazardous components which must be listed on the label:

- 96-23-1 1,3-dichloropropan-2-ol

Other hazards which do not result in classification

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances /Mixtures

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Chemical nature

Cationic polyamide

Hazardous components

Chemical Name	CAS-No.	Concentration[%]
1,3-dichloropropan-2-ol	96-23-1	< 1.0 %
3-Chloropropane-1,2-diol	96-24-2	< 0.2 %

Further information

This material is hazardous under the criteria of the Federal OSHA Hazard Communication Standard 29CFR 1910.1200.

4. FIRST AID MEASURES

Description of first aid measures

Inhalation

If breathing is difficult, remove to fresh air and provide oxygen. If not breathing, give artificial respiration. Seek medical attention if cough or other symptoms develop.

Skin contact

Wash off immediately with soap and plenty of water. Remove contaminated clothing and shoes. Get medical attention if irritation develops and persists.

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Ingestion

If swallowed Drink 1 or 2 glasses of water. Obtain medical attention.

Most important symptoms and effects, both acute and delayed

Indication of immediate medical attention and special treatment needed, if necessary

Treatment : All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred. Treat symptomatically.

5. FIREFIGHTING MEASURES

Suitable extinguishing media

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Water

Carbon dioxide (CO₂)

Dry powder

Foam

Special hazards arising from the substance or mixture

When water has evaporated, the residue will burn. Fire or intense heat may cause pressure build-up.
Carbon oxides, Hydrocarbons, Fumes, Smoke

Special protective actions for fire-fighters

In the event of fire, wear self-contained breathing apparatus.

Use NIOSH/MSHA approved respiratory protection.

Further information

Must be disposed of in accordance with local and national regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear self-contained breathing apparatus and protective suit. Where the exposure level is known, wear approved respirator suitable for the level of exposure.

Environmental precautions

Stop the leakage if possible. Should not be released into the soil, surface water or ground water system.

Methods and materials for containment and cleaning up

Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal.
Remove residues by scrubbing. Prevent product from entering drains.

7. HANDLING AND STORAGE

Precautions for safe handling

Do not handle until all safety precautions have been read and understood. Follow all MSDS/label precautions even after container is emptied because they may retain product residues. Avoid inhalation, ingestion and contact with skin and eyes. Wash hands and face before breaks and immediately after handling the product.

For personal protection see section 8.

Conditions for safe storage, including any incompatibilities

Prevent unauthorized access. Avoid freezing. Avoid extreme temperatures.

Keep containers tightly closed in a cool, well-ventilated place.

Materials to avoid:

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Strong oxidizing agents

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

Components	CAS-No.	Value	Form of exposure	Control parameters	Update	Basis
1,3-dichloropropan-2-ol	96-23-1			1 mg/m ³		
		TWA		1 mg/m ³		
Epichlorhydrin	106-89-8	TWA		0.5 ppm	2007-01-01	ACGIH
		TWA		5 ppm 19 mg/m ³	1997-08-04	OSHA Z-1
		TWA		2 ppm 8 mg/m ³	1989-01-19	OSHA P0
Glycidol	556-52-5	TWA		2 ppm	20.3.2013	ACGIH
				25 ppm 75 mg/m ³	2010	NIOSH REL
		PEL		50 ppm 150 mg/m ³	30.6.1993	OSHA PO

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state

liquid,

Colour

amber

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Odour	amine-like
pH	3.0 - 5.0 (100 %)
Melting point/range	Melting point/range ca. 0 °C
Initial boiling point and boiling range	Boiling point/boiling range > 212 °F
Flash point	> 201 °F
Evaporation rate	< 1 (n-butyl acetate = 1)
Density	9.1 - 9.3 lb/gal (77 °F)
Solubility(ies):	
Water solubility	completely soluble
Decomposition temperature	No data available
Viscosity:	
Viscosity, dynamic	50 - 250 mPa.s
Surface tension	not determined

10. STABILITY AND REACTIVITY

Reactivity

Chemical stability

Possibility of hazardous reactions

Hazardous reactions: Hazardous polymerisation does not occur.

Conditions to avoid

Conditions to avoid: Avoid extreme temperatures.
Fire or intense heat may cause pressure to build-up in containers/tanks, which may cause a danger of explosion.

Incompatible materials

Materials to avoid: Strong oxidizing agents

Hazardous decomposition products

Hazardous decomposition products: Hazardous decomposition products
Carbon oxides
Nitrogen oxides (NOx)

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Hydrocarbons
hydrogen chloride (HCl)
Fumes
Smoke

Thermal decomposition: Note: No data available

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects

Acute oral toxicity Conclusion: No data available
Remarks: No toxicity studies have been conducted on this product.

Acute oral toxicity **1,3-dichloropropan-2-ol:**
/Rabbit/800 mg/kg/LD50
Acute inhalation toxicity Remarks: No data available

Acute inhalation toxicity Conclusion: No data available
1,3-dichloropropan-2-ol:
LC50/Rat/4 h/125 ppm

Skin corrosion/irritation Result: May cause slight irritation.
Remarks: estimated

Serious eye damage/eye irritation Result: May cause mild irritation.
Remarks: estimated

Respiratory or skin sensitisation

Skin sensitisation Conclusion: No data available

Carcinogenicity

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Aquatic toxicity
LC50/96 h/Pimephales promelas (fathead minnow)/static test: 1.2 mg/l
Remarks: Ecotoxicological information provided is based on a structurally or compositionally similar

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product.

LC50/48 h/Daphnia magna (Water flea):

Remarks: Ecotoxicological information provided is based on a structurally or compositionally similar product.

LC50/48 h/Ceriodaphnia dubia (Water flea): 3 mg/l

Remarks: Ecotoxicological information provided is based on a structurally or compositionally similar product.

Toxicity to other organisms

No data available

Persistence and degradability

Biological degradability:

No data available

Bioaccumulative potential

No data available

Mobility in soil

Vapour pressure: (68 °F)

Water solubility: completely soluble

Surface tension: not determined

Other adverse effects

No data available

Additional ecological information: Information given is based on data on the components and the ecotoxicology of similar products.

13. DISPOSAL CONSIDERATIONS

Product

Must be disposed of in accordance with local and national regulations. Where possible recycling is preferred to disposal or incineration.

EPA Hazardous Waste - NO.

Contaminated packaging

Rinse package before disposal. Dispose of rinse water in accordance with local and national regulations.

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14. TRANSPORT INFORMATION

Land transport

Not classified as dangerous in the meaning of transport regulations.

Sea transport

Not classified as dangerous in the meaning of transport regulations.

Air transport

Not classified as dangerous in the meaning of transport regulations.

Special precautions for user

15. REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Title III Section 311 Categories

Immediate (Acute) Health Effects: Yes;
Delayed (Chronic) Health Effects: Yes;
Fire Hazard: No;
Sudden Release Of Pressure Hazard: No;
Reactivity Hazard: No;

SARA 313 - Specific Toxic Chemical Listings

None Present ()

California Proposition 65

1,3-dichloropropan-2-ol (96-23-1) < 1.0 %
3-Chloropropane-1,2-diol (96-24-2) < 0.2 %
Nickel (7440-02-0) < 0.052 %
Epichlorohydrin (106-89-8) < 0.01 %
Glycidol (556-52-5) < 0.01 %

Remarks: This product contains a chemical or chemicals known to the state of California to cause cancer, birth defects or other reproduction harm.

Notification status

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- :
- : All components of this product are included in the United States TSCA Chemical Inventory or are not required to be listed on the United States TSCA Chemical Inventory.
- : All components of this product are included in the Canada Domestic Substance List (DSL) or are not required to be listed on the Canada Domestic Substance List (DSL).
- : All components of this product are NOT included on the Australian Inventory of Chemical Substances (AICS).
- : All components of this product are NOT included on the Chinese inventory.
- : All components of this product are NOT included on the Korean (ECL) inventory.
- : All components of this product are NOT included on the Philippine (PICCS) inventory.
- : All components of this product are NOT included on the Japanese (ENCS) inventory.
- : All components of this product are NOT included on the European Inventory of Existing Chemical Substance (EINECS) inventory.
- : This product's Taiwan Toxic Chemical Substances Control Act Inventory status has NOT been determined.
- : All components of this product are NOT included on the New Zealand Inventory of Chemical Substances.

16. OTHER INFORMATION

Training advice

Read the safety data sheet before using the product.

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

This MSDS is prepared according to the OSHA Hazard Communication Standard (29 CFR 1910.1200) and the ANSI MSDS Standard (Z400.1) by Kemira.

Sources of key data used to compile the Safety Data Sheet

Regulations, databases, literature, own tests.

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Additions, Deletions, Revisions

Relevant changes have been marked with vertical lines.