
MATERIAL SAFETY DATA SHEET

Page 1 of 7
Revised 1/17/01
Replaces 9/08/00
As of 10/23/02

ATLOX 4913

UNIQEMA

MSDS ID: 006451

1 CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Material Name:

ATLOX(R) 4913

Uniqema

Uniqema Corporate Center

1000 Uniqema Boulevard

New Castle, DE 19720-2790

Uniqema Operator (24 hr.): (302) 574-5000

Medical Emergency (24 hr.): (888) 456-6218

Chemical Emergency (24 hr.) - Involving Transportation

Spills, Leaks, Fires, or Accidents: (800) 424-9300

Uniqema is an international business of Imperial Chemical Industries PLC. Uniqema Operates through ICI affiliated companies in the relevant countries, such as ICI Americas Inc., Unichema, a division of Indopco Inc., and Mona Industries in the USA.

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Acrylic graft copolymer

Propylene glycol

Water

OSHA PEL

Not listed

Not listed

Not listed

Ingredients not precisely identified are proprietary or nonhazardous.

Values are not product specifications.

3 HAZARDS IDENTIFICATION

General:

No toxicity information is available on this specific preparation; this health hazard assessment is based on information that is available on the properties of its components.

Emergency Overview:

Appearance: Red-brown liquid

CAUSES EYE IRRITATION. REPEATED/PROLONGED CONTACT MAY CAUSE SKIN IRRITATION.

Symptoms of Overexposure (Acute & Chronic):

MATERIAL SAFETY DATA SHEET

Page 2 of 7
Revised 1/17/01
Replaces 9/08/00
As of 10/23/02

ATLOX 4913

UNIQEMA

MSDS ID: 006451

3 HAZARDS IDENTIFICATION (Cont.)

Eye contact:

This material will probably irritate human eyes following contact.

Skin contact:

Short contact periods with human skin are not usually associated with skin irritation.

Repeated contact can result in moderate irritation.

Prolonged contact can result in moderate skin irritation.

Systemically toxic concentrations of this product will probably not be absorbed through human skin.

Inhalation:

No irritation is expected to be associated with inhalation of this material.

No toxic effects are known to be associated with inhalation of this material.

Ingestion:

This material is not likely to cause irritation upon ingestion.

No toxic effects are expected following ingestion of this product.

4 FIRST AID MEASURES

Eyes:

Immediately flush with plenty of water for at least 15 minutes. If redness, itching, or a burning sensation develops, have eyes examined and treated by medical personnel.

Skin:

Wash material off of the skin with plenty of soap and water. If redness, itching, or a burning sensation develops, get medical attention.

Ingestion:

DO NOT INDUCE VOMITING. Give one or two glasses of water to drink and refer to medical personnel or take direction from either a physician or a poison control center. Never give anything by mouth to an unconscious person.

Inhalation:

Remove victim to fresh air. If a cough or other respiratory symptoms develop, consult medical personnel.

MATERIAL SAFETY DATA SHEET

Page 3 of 7
Revised 1/17/01
Replaces 9/08/00
As of 10/23/02

ATLOX 4913

UNIQEMA

MSDS ID: 006451

5 FIRE FIGHTING MEASURES

Flashpoint and method: >200 deg.F, 93.3 deg.C (Setaflash CC)
Autoignition temperature: No data.
Flammable limits (LEL/UEL): No data.

Extinguishing media:

Water fog, alcohol foam, carbon dioxide, or dry chemical agents.

Special fire-fighting protective equipment:

Self-contained breathing apparatus with full facepiece and protective clothing.

Unusual fire and explosion hazards:

None known.

Explosion data:

Sensitivity to mechanical impact: No data

Sensitivity to static discharge: No data

6 ACCIDENTAL RELEASE MEASURES

Refer to Section 8 for proper personal protective equipment.

Steps to be taken in case material is released or spilled:

Soak up material with absorbent and shovel into a chemical waste container.

Wash residue from spill area with water and flush to a sewer serviced by a permitted wastewater treatment facility.

If spilled, this material and its mixtures with water present a slip hazard. Use extra care in cleaning up spill areas to prevent injury.

7 HANDLING AND STORAGE

Storage requirements: 50-90 deg F in original closed container.

Precautions to take during handling and storage:

Prevent eye contact.

Normal chemical handling and storage.

MATERIAL SAFETY DATA SHEET

Page 4 of 7
Revised 1/17/01
Replaces 9/08/00
As of 10/23/02

ATLOX 4913

UNIQEMA

MSDS ID: 006451

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limits:

No ACGIH TLV or OSHA PEL assigned. Minimize exposure in accordance with good hygiene practice.

Engineering controls:

Use ventilation adequate to maintain safe levels.

Eye protection:

Chemical tight goggles.

Protective clothing:

Impervious gloves.

Respiratory protection:

Not normally needed if controls are adequate.

Other protective equipment:

) Eyewash station and safety shower in work area.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance & odor: Red-brown liquid

Odor threshold: No data

Boiling point: No data

Melting point: No data

Vapor pressure (mm Hg at 20 deg. C): No data

Vapor density (air = 1): No data

Solubility in water: Soluble

pH: 4.2 - 4.6

Specific gravity: 1.06 - 1.10

% Volatile by volume: 33 (Water)

Cloud point: No data

Viscosity: No data

Partition Coefficient: No data

Coefficient of water/oil distribution: No data

Freezing point: No data

MATERIAL SAFETY DATA SHEET

Page 5 of 7
Revised 1/17/01
Replaces 9/08/00
As of 10/23/02

ATLOX 4913
UNIQEMA
MSDS ID: 006451

10 STABILITY AND REACTIVITY

Stability:
Stable under normal conditions.

Incompatibility:
Strong oxidizing agents.

Conditions to avoid:
None known.

Hazardous decomposition products:
Combustion products: Carbon dioxide, carbon monoxide.

Hazardous polymerization:
Will not occur.

11 TOXICOLOGICAL INFORMATION

No data available on this material.

Carcinogenicity: This material is not listed as a carcinogen by OSHA, IARC, and NTP.

Reproductive toxicity/Teratogenicity: No available information.

Mutagenicity: No available information.

Toxicologically synergistic products: None known.

12 ECOLOGICAL INFORMATION

The ecological information listed below is based on the results of screening tests.

Persistence and degradation: This product is readily biodegradable in water.

Toxicity: Not harmful to aquatic organisms.

MATERIAL SAFETY DATA SHEET

Page 6 of 7
Revised 1/17/01
Replaces 9/08/00
As of 10/23/02

ATLOX 4913
UNIQEMA
MSDS ID: 006451

13 DISPOSAL CONSIDERATIONS

Disposal method:

Discarded product is not a hazardous waste under RCRA, 40 CFR 261.

Container disposal:

Empty container retains product residue. Observe all hazard precautions. Do not distribute, make available, furnish or reuse empty container except for storage and shipment of original product. Remove all product residue from container and puncture or otherwise destroy empty container before disposal.

14 TRANSPORT INFORMATION

Department of Transportation:

Not regulated.

TDG (Transportation of Dangerous Goods):

Not regulated.

15 REGULATORY INFORMATION

TSCA (Toxic Substances Control Act) Regulations, 40 CFR 710:

All ingredients are on the TSCA Chemical Substance Inventory.

DSL (Canadian Domestic Substances List):

All ingredients NOT confirmed on the Canadian DSL.

OSHA Hazard Communication Standard, 29 CFR 1910.1200, Hazard Summary:

Physical Hazards: None.

Health Hazards: Irritant (eye)

WHMIS Classification:

Class D, Division 2 -- Toxic.

CERCLA and SARA Regulations (40 CFR 355, 370, and 372):

This material contains the following chemicals subject to the reporting requirements of SARA 313:

**** NO SARA 313 CHEMICALS FOR THIS CHEMICAL ****

SARA 311/312 Hazard Categories:

Immediate: YES

Delayed: NO

MATERIAL SAFETY DATA SHEET

Page 7 of 7
Revised 1/17/01
Replaces 9/08/00
As of 10/23/02

ATLOX 4913

UNIQEMA

MSDS ID: 006451

15 REGULATORY INFORMATION (Cont.)

Fire: NO
Pressure: NO
Reactivity: NO

State Regulations:
None.

16 OTHER INFORMATION

We assigned NFPA ratings and HMIS ratings to this product based on the hazards of its ingredient(s). Because the customer is most aware of the application of the product, he must ensure that the proper personal protective equipment (PPE) is provided consistent with information contained in the product MSDS.*

HMIS Information

Health 1
Flammability 1
Reactivity 0

NFPA Information

Health 1
Flammability 1
Reactivity 0

*This information is intended solely for the use of individuals trained in the particular hazard rating system.

This Material Safety Data Sheet was prepared by Uniqema's Regulatory Services Department.

Date: 8/04/00

The information herein is given in good faith
but no warranty, expressed or implied, is made.

(R) is a Registered Trademark of ICI Americas.

(TM) is a Trademark of ICI Americas.