

SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : EzStainAQua
Product Code : AE-1340
SDS No. : A0018-1
General Use : Research use only

MANUFACTURER

Company Name : ATTO Corporation
Address : 2-2, Motoasakusa 3 cho-me, Taito-ku, Tokyo 111-0041, Japan
Telephone No. : +81-3-5827-4861

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: +81-3-5827-4863

2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION : Not classified.

PICTOGRAM : -

HAZARD STATEMENTS : -

PRECAUTIONARY STATEMENTS : -

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical Name	wt.(%)	Chemical Formula	CAS Registry No.
Acid Blue 90	0.1%>	C47H48N3NaO7S2	6104-58-1
Acid Blue 83	0.1%>	C45H44N3NaO7S2	6104-59-2

4. FIRST AID MEASURES

GENERAL ADVICE : Wash off immediately with soap and plenty of water. In the case of respirable dust and/or fumes, use self-contained breathing apparatus and dust impervious protective suit. Use personal protective equipment.

INHALATION : Move victim to fresh air. If breathing is difficult, give oxygen. If irritation persists, consult a physician.

EYE	: Remove any contact lenses at once. Flush eyes well with flooding amounts of running water for at least 15 minutes. Assure adequate flushing by separating the eyelids with sterile fingers. If irritation persists, consult a physician.
SKIN	: Remove contaminated clothing. Wash thoroughly with soap and water. If irritation persists, consult a physician.
INGESTION	: Rinse mouth, give plenty of water to dilute the substance. Never give anything by mouth to an unconscious person. Consult a physician.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA : Carbon dioxide, dry chemical, foam water.

FIRE & EXPLOSION HAZARDS : Toxic, irritating fumes or smoke may be emitted.

FIRE FIGHTING INSTRUCTIONS

: Self-contained breathing apparatus required.

Firefighters should wear the usual protective gear.

SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS

: Firemen should wear normal protective equipment (full bunker gear) and positive-pressure self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

: Remove ignition sources and ventilate the area. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid raising dust and avoid contact with skin and eyes.

ENVIRONMENTAL PRECAUTIONS

: Prevent spills from entering sewers, watercourses or low areas.

METHODS FOR CLEANING UP

: Do not touch spilled material without suitable protection (See section 8). After materials completely picked up, wash the spill site with soap and water and ventilate the area.

7. HANDLING AND STORAGE

HANDLING : Protect against physical damage. Avoid breathing dust.
Wash thoroughly after handling. Keep out of reach of children.
Avoid contact with skin, eyes and clothing.

STORAGE : Store at Room temperature. Store away from oxidizers.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**ENGINEERING MEASURES**

: Use exhaust ventilation to keep airborne concentrations below exposure limits.
Use only with adequate ventilation.

VENTILATION : Local Exhaust ; Necessary,
Mechanical (General); Recommended

PERSONAL PROTECTION;**Respiratory protection**

: Use a NIOSH/MSHA or European Standard EN149 approved respirator if the vapor concentrations exceed regulatory guidelines.

Hand protection : Chemical resistant gloves

Eye protection : Safety glasses (Chemical goggles)

Skin protection : Protective clothing

CONTROL PARAMETER

OSHA Final Limits : None established

ACGIH TLV(s) : None established

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance : liquid (blue)

Odor : Odorless

pH : 1.5-2

Boiling Point / Boiling Range
: Not available

Melting Point / Melting Range
: Not available

Decomposition Temperature

: Not available

Flash Point : Not available

Auto Ignition Temperature

: Not available

Flammability : Not flammable

Explosive Properties : Not available

Oxidizing Properties : Not available

Vapor Pressure : Not available

Relative Density : Not available

Solubility : Not available

Partition Coefficient(n-octanol /water)

: Not available

Viscosity : Not available

Vapor Density : Not available

Evaporation Rate : Not available

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID

: Sunlight, heat, moisture

STABILITY : Stable under recommended storage conditions.

MATERIALS TO AVOID

: Oxidizers, alkalis, Strong Acids

HAZARDOUS REACTIONS / DECOMPOSITION PRODUCTS

: Carbon monoxide, Nitrogen oxide

11. TOXICOLOGICAL INFORMATION

ACUTE TOXICITY(oral/dermal/inhalation) : Not available as the mixture

TOXICITY DATA : Not available as the mixture

SKIN CORROSION/IRRITATION : Not available as the mixture

EYE DAMAGE/EYE IRRITATION : Not available as the mixture

RESPIRATORY OR SKIN SENSITIZATION : Not available as the mixture

GERM CELL MUTAGENICITY : Not available as the mixture

REPRODUCTIVE TOXICITY : Not available as the mixture
STOT (SINGLE EXPOSURE) : Not available as the mixture
STOT (REPEATED EXPOSURE) : Not available as the mixture
ASPIRATION HAZARD : Not available as the mixture
CARCINOGENICITY : Not available as the mixture
ADDITIONAL INFORMATION ;
NTP : Not listed
IARC : Not listed
OSHA : Not listed
ACGIH : Not listed

12. ECOLOGICAL INFORMATION

ECOTOXICITY : Not available
PERSISTENCE AND DEGRADABILITY : Not available
BIOACCUMULATION POTENTIAL : Not available
MOBILITY IN SOIL : Not available
OTHER ADVERSE EFFECTS : Not available

13. DISPOSAL CONSIDERATIONS

Comply with all federal, state and local regulation.
Do not dump this product into sewers, on the ground or into any body of water.

14. TRANSPORT INFORMATION

IATA : Not Restricted.
MARINE POLLUTANT : NO
DOT (Department of Transportation):Not a Hazardous Material for DOT shipping.

15. REGULATORY INFORMATION

US REGULATIONS ;
EPA : CERCLA RQ= Not listed
EPCRA TPQ= Not listed
OSHA : TQ= Not listed

16. OTHER INFORMATIONS

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