

## SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name : EzTween  
Product Code : WSE-7235  
SDS No. : A0036-1  
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

#### EMERGENCY TELEPHONE NUMBER

: +81-3-5827-4863

### 2. HAZARDS IDENTIFICATION

GHS CLASSIFICATION : Not classified.

PICTOGRAM : -

HAZARD STATEMENTS : -

PRECAUTIONARY STATEMENTS : -

### 3. COMPOSITION/ INFORMATION ON INGREDIENTS

mixture			
Chemical Name	wt(%)	Chemical Formula	CAS Registry No.
Sorbitan, monododecanoate, poly(oxy-1,2-ethanediyl) derivs.	10.0%	Unspecified	9005-64-5

### 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.

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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

### FLAMMABLE PROPERTIES

: Not flammable

### EXTINGUISHING MEDIA

: Carbon dioxide, dry chemical, foam water.

### FIRE FIGHTING INSTRUCTIONS

: Self-contained breathing apparatus required.

Firefighters should wear the usual protective gear.

## 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. Put all wastes in a plastic bag for disposal and seal it tightly. Remove clean, or dispose of contaminated clothing.

**7. HANDLING AND STORAGE**

HANDLIN : 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 (pale yellow)

Odor : characteristic odor

pH : 6 ~ 7.5

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 for one year at 4-10°C

### MATERIALS TO AVOID

: Oxidizers

### HAZARDOUS REACTIONS / DECOMPOSITION PRODUCTS

: carbon monoxide carbon dioxide

## **11. TOXICOLOGICAL INFORMATION**

Acute Toxicity : LD50 Oral - rat - 40,554 mg/kg  
Eye Irritation : Not available  
Skin Irritation : Skin - Human - Mild skin irritation  
Sensitization : Not available  
Repeated Dose Toxicity : Not available  
Chronic Toxicity : Not available  
Mutagenicity : Not available  
Carcinogenicity : Not available  
Reproductive and Developmental Toxicity : Not available

**12. ECOLOGICAL INFORMATION**

ECOTOXICITY : Not available  
MOBILITY : Not available  
PERSISTANCE AND BIODEGRADABILITY  
: Not available  
BIOACCUMULATIVE POTENYIAL  
: 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**

UN number  
ADR/RID : -           IMDG : -           IATA : -  
Transport hazard class  
ADR/RID : -           IMDG : -           IATA : -  
Environmental hazards  
ADR/RID : no           IMDG Marine pollutant: no           IATA : 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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