



MATERIAL SAFETY DATA SHEET

Watch Oil
AO-3

MSDS No.
CTZ-AO-3-E
Creation Date: Sep.28,2005
Revision Date: Nov.26,2010

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME : Watch Oil AO-3
 MSDS No. : CTZ-AO-3-E
 COMPANY IDENTIFICATION
 Company name : CITIZEN WATCH CO.,LTD
 Address : 6-1-12 TANASHI-CHO, NISHI-TOKYO-SHI, TOKYO
 188-8511, JAPAN
 Department : Surface-Coating Technology Section
 Telephone : +81-42-468-4569
 Fax : +81-42-468-4570
 Emergency telephone : +81-42-468-4569

2. HAZARD IDENTIFICATION

GHS CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

· PHYSICAL HAZARDS

Flammable liquids : Not classified
 Self-reactive substances : Not classified
 Self-heating substances : Not classified
 Corrosive to metals : Not classified

· HEALTH HAZARDS

Acute toxicity (oral) : Not applicable
 Acute toxicity (skin) : Not applicable
 Acute toxicity (inhalation) : Not classified
 Skin corrosion/irritation : Not classified
 Serious eye damages/eye irritation : Not classified
 Respiratory sensitization : Not classified
 Skin sensitization : Not classified
 Germ cell mutagenicity : Not classified
 Carcinogenicity : Not classified
 Reproductive toxicity : Not classified
 Specific target organ
 toxicity :single exposure : Not classified
 Specific target organ
 toxicity :single exposure : Not classified
 Aspiration hazard : Not classified

· ENVIROMENTAL HAZARDS

Aquatic toxicity(acute) : Not applicable
 Aquatic toxicity(chronic) : Not classified



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GHS LABEL ELEMENTS	INCLUDING PRECAUTIONARY STATEMENT
SYMBOL	: Not applicable
SIGNAL WORD	: Not applicable
HAZARD STATEMENT	: Not applicable
PRECAUTIONARY STATEMENTS	: Not applicable

3. COMPOSITION/INFORMATION ON INGREDIENTS

SUBSTANCE/MIXTURE	: mixture
CHEMICAL NAME	: Synthesized hydrocarbon oil and additive
COMPONENT AND CONTENT	: Synthesized base oil >97.5wt% Additive <2.5wt%
CHEMICAL FORMULA	: Not identified
CAS Registry No	: Trade secret
UN number	: Not applicable
HAZADOUS INGREDIENT	: Not applicable

4. FIRST AID MEASURES

IF INHALED	: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF ON SKIN	: Remove all contaminated clothing immediately. Wash off soap and water. Wash skin with water stream or shower.
IF IN EYES	: Immediately rinse with flush water for 15 minutes even if very small contact. If eye irritation persists ,get medical advice/attention.
IF SWALLOWED	: Rinse the patient mouth with water and give 250ml milk or water to him to drink. Get medical advice/attention immediately.

5. FIRE-FIGHTING MEASURES

SUIRTABLE EXTINGUISHING MEDIA	: Dry chemical powder, CO2, form, carbon dioxide fire extinguisher.
SPECIFIC EXTINCTION METHOD	: Dry chemical powder or CO2 should be used for small fire. Keep surrounding areas cool.
SPECIAL PROTECTIVE FOR FIRE-FIGHTERS	: During a fire, fireman has to wear self-contained breathing apparatus and other protective equipment.
UNSUITABLE EXTINGUISHERS	: Water jet



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6. ACCIDENTAL RELEASE MEASURES

- PERSONAL PRECAUTIONS : Forbid any person without wearing proper protection equipments into the spilled area.
- ENVIRONMENTAL PRECAUTIONS : Do not let this chemical enter the environmental.
- METHODS AND MATERIALS FOR CLEANING UP : Absorb the spilled substance with sand. In case of larger spill , countermeasure for prevention to flow out and recover the spilled substance as possible. Don't close tightly container with collected material.

7. HANDLING AND STORAGE

- Handling : No special measures necessary
- STORAGE : Stored in a cool, dark location.
- OTHERS : Do not contact , inhale and ingest.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

- FACILITY AND EQUIPMENT MEASURES : Should be established adequate local exhauster under highly-concentrated mist.
- CONTROL LIMIT : Not Established
- OCCUPATIONAL EXPOSURE LIMITS : Not Established

PERSONAL EXPOSURE

EQUIPMENT

- Respiratory protection : Not necessary
- Hand protection : Protective gloves as needed
- Eye protection : Protective glasses ,goggles as needed
- Skin and body protection : Protective clothing , safety boots as needed



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9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	: Blue clear liquid
Odor	: slight peculiar odor
pH	: No Data
Boiling point	: No Data
Freezing point	: No Data
Flash point	: above 229°C
Explosion properties	: No Data
Specific gravity	: No Data
Solubility	: Not soluble in water
Octanol/ water partition coefficient	: No Data
Decomposition temperature	: No Data

10. STABILITY AND REACTIVITY

STABILITY	: Stable for normal storage and handling.
REACTIVITY	: Stable for normal storage and handling.
CONDITION TO AVOID	: Contact of high temperature matter.
INCOMPATIBLE MATERIALS	: Highly acidic substance
HAZARDOUS DECOMPOSITION PRODUCTS	: CO produced by the incomplete combustion.

11. TOXICOLOGICAL INFORMATION

SKIN CORROSION	: Not classified
IRRITATION (SKIN/EYE)	: Not classified
SENSITIZATION	: Not classified
TOXICITY	: Not applicable
SUBACUTE TOXICITY	: Not applicable
CHRONIC TOXICITY	: Not applicable
CARCINOGENICITY	: Not classified
GERM CELL MUTAGENICITY	: Not classified
REPRODUCTIVE TOXICITY	: Not classified
TERATOGENY	: Not classified
ASPIRATION HAZARD	: Not classified



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12. ECOROLOGICAL INFORMATION

PERSISTANT/DEGRADABLE : No Data
 BIOACCUMULATION
 POTENTIAL : No Data
 AQUATIC TOXICITY(ACUTE) : Not classified
 AQUATIC
 TOXICITY(CHROMIC) : Not classified

13. DISPOSAL CONSIDERATIONS

Product waste must be incinerated in a hazardous waste incinerator in accordance with the relevant regulation oneself or must be incinerated by waste treatment company having the official approval of regulation.

Used containers could be recycled by cleaning or should be disposed accordance with official regulation.

14. TRANSPORT INFORMATION

ICAO-TI / IATA/DGR : Not classified
 GGVSee / IMDG Code : Not classified
 UN number : Not applicable
 Hazard class : Not applicable

15. REGULATORY INFORMATION

Classification after European guidelines : Not dangerous
 Hazard Symbol : Not required
 Risk phrases : none
 Safety phrases S2 : Keep away from children
 S3 : Keep in a cool place
 S4 : Keep container dry
 S15 : Keep away from heat

Please refer to any other EU ,national and local measures.

16. OTHER INFORMATION

This information is furnished without warranty, express or implied , except that it is accurate to the best knowledge of CITIZEN WATCH CO.,LTD.

It relates only to the specific product designated herein ,and dose not relate to use in combination with any other material or process. CITIZEN WATCH CO.,LTD. Assumes no legal responsibility for use or reliance upon this information.