



SAFETY DATA SHEET (SDS)

SDS No.
CTZ-AO-3-E

Check: May.30th.2021

Watch Oil
AO-3 , AO-3a

Creation Date: Oct.1 2013
Revision Date:Nov.08th2020

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

PRODUCT NAME : Watch Oil AO-3 , AO-03a
MSDS No. : CTZ-AO-3-E
COMPANY IDENTIFICATION
Company name : CITIZEN WATCH MANUFACTURING CO.,LTD
Address : 840 SIMOTOMI, TOKOROZAWA-SHI, SAITAMA
359-8511, JAPAN
Department : Circuit Manufacturing Dept. LSI/FC Sec.
Telephone : +81-4-2943-2753
Emergency contact : Same as Above
e-mail:ctz_chem@citizen.co.jp
Intended use : For watch parts production.

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



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• ENVIROMENTAL HAZARDS

Aquatic toxicity(acute) : Not applicable

Aquatic toxicity(chromic) : Not classified

• 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 : Synthesized base oil >97.5wt%

CONTENT : 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 fresh 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.



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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

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 CREAMING 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
- : For watch parts production.



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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. ECOLOGICAL 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 MANUFACTURING 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 MANUFACTURING CO.,LTD. assumes no legal responsibility for use or reliance upon this information.

Emergency contact : Refer to sec.1(The first page)



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