

TokeOni

SAFETY DATA SHEET

1. Chemicals and corporate information

The name of chemicals : TokeOni
 The company name : KUROGANE KASEI CO., LTD.
 The address : 1-6-17 Nishiki Naka-ku Nagoya Aichi Japan
 Telephone number : +81-52-231-1267
 Emergency telephone number : CHEMTREC: (800) 424-9300
 Recommended uses and restrictions on use : For research purposes

2. Hazards identification

GHS Classification
 <Physical hazards> : Not classified
 <Health hazards> : Not classified
 <Environmental hazards> : Not classified
 GHS label elements
 <Hazard symbol> : None
 <Signal word> : None
 Hazard Statements : None
 Precautionary Statements
 <Safe measure> : Do not handle until all safety precautions have been read and understood.
 : Do not eat, drink or smoke when using this product.
 : Wear protective gloves/protective clothing/eye protection/face protection.
 <First aid> In case of fire : Use an appropriate extinguishing agent to extinguish a fire.
 If swallowed : Rinse mouth. Do not induce vomiting. Get medical advice/attention if you feel unwell.
 If on skin : Wash with soap and water. If on clothing, take off contaminated clothing and wash before reuse. Wash contaminated clothing before reuse.
 If in eyes : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do continue rinsing.
 If inhaled : Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
 <Safekeeping> : Store in a well ventilated place. Keep cool.
 <Disposal> : Dispose of contents/container in accordance with regulations.

3. Information on chemical content and structure

Substance/mixture : Substance
 Chemical Name : 2-[(1E,3E)-4-[4-(dimethylamino)phenyl]-1,3-butadien-1-yl]-4,5-dihydro-(4S)-4-Thiazolecarboxylic acid hydrochloride Salt
 Chemical Formula/ Molecular Weight : C₁₆H₁₉ClN₂O₂S/338.85
 Content : 90% up
 CAS No. : Not Applicable
 ENCS : No data available

4. First aid measures

- If swallowed : Never give anything by mouth to an unconscious person. Rinse mouth with water.
- If on skin : Wash off with soap and plenty of water.
- If in eyes : Flush eyes with water as a precaution.
- If inhaled : If breathed in, move person into fresh air. If not breathing, give artificial respiration.

5. Fire fighting measures

- Suitable extinguishing media : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- Extinguishing media not to be used : No data available
- Peculiar dangerous harmful effect : Fire may cause irritation, corrosion and / or toxic gases.
- Fire fighting : Fire fighting cuts off a fire and does from windward. Move one besides the person concerned to a safe place. When it's possible to move, move a container to a safe place.
- Advice for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

6. Accidental release measures

- Personal precautions, protective equipment and emergency procedures : Avoid dust formation. Avoid breathing vapours, mist or gas.
For personal protection see section 8.
- Environmental precautions : No special environmental precautions required.
- Methods and materials for containment and cleaning up : Sweep up and shovel. Keep in suitable, closed containers for disposal.
- Reference to other sections : For disposal see section 13.

7. Handling and storage

Handling

- <Technological measure> : The worker uses a tool for protection.
: Take a measure against static electricity.
: Use a non-shatterable electrical appliance/ventilation equipment/lighting apparatus.
: Do not generate steam. Use an exhaust.
- <Safety measures> : No fire.
: Wash hands thoroughly after handling.
: Avoid skin, eyes, the contact with clothing.

Storage

- <The safe safekeeping condition> : In order to avoid deterioration, avoid direct sunlight, a sealed refrigeration (-15 ° C) to be saved.
: Keep it in the good place of the ventilation.
: Do not keep it near fire.
- <The safe container material> : Obey laws and ordinances.

8. Exposure controls / Personal protection

- Standard control concentration : No data available
- Equipment measure : The local exhaust ventilation is set up when using it in the indoor work place.
Set up shower/hand wash station/eye washing equipment near the handling place.

Personal protective equipment

<Respiratory Protection> : Vapor respirator.Follow local and national regulations.

<Hand Protection> : Protective gloves.

<Eye Protection> : Safety glasses.A face-shield.

<Face Protection> : If the situation requires.

<Body Protection> : Protective clothing.Protective boots,if the situation requires.

9.Physical and chemical properties

Physical state : Powder

Color : Reddish brown to black

Odour : No data available

pH : No data available

Melting point : No data available

Boiling point : No data available

Flash point : No data available

Range of explosion : No data available

Vapor pressure : No data available

Vapor density : No data available

Specific gravity : No data available

Solubility : Water : soluble

Partition coefficient : n-octanol / water
: No data available

Autoignition temperature : No data available

Resolution level : No data available

10.Stability and reactivity

Reaction : No data available

Chemical stability : Stable under recommended storage conditions.

Possibility of hazardous reactions : No data available

Conditions to avoid : The substance decomposes on heating or combustion, toxic gases may occur.

Incompatible materials : Strong oxidizing agents

Hazardous decomposition products : Hazardous decomposition products formed under fire conditions. – Carbon oxides, Nitrogen, oxides (NOx), Sulphur oxides, Hydrogen chloride gas
Other decomposition products – No data available

11.Toxicological information

Acute toxicity : No data available

Skin corrosivity/stimulation : No data available

Serious eyes damage/eye irritation : No data available

Respiratory or skin sensitization : No data available

Germ cell mutagenicity : No data available

Carcinogenicity : No data available

Reproductive toxicity : No data available

Specific target organ toxicity – single exposure
: No data available

Specific target organ toxicity – repeated exposure
: No data available

Aspiration hazards : No data available

12. Ecological information

Toxicity : No data available
Persistence and degradability : No data available
Bioaccumulative potential : No data available
Mobility in soil : No data available
Other adverse effects : No data available

13. Disposal considerations

Waste from residues : Disposal should be in accordance with applicable regional, national and local laws and regulations.
Contaminated container/packaging : Disposal should be in accordance with applicable regional, national and local laws and regulations.

14. Transport information

International restriction : Not regulated.
Domestic restriction : Follow all regulation on the transport in your country or region.

15. Regulatory information

International Inventories

EINECS/ELINCS : Not Listed
TSCA : Not Listed

Japanese regulations

Fire Defense Law : Not Listed
Poisonous and Deleterious Substances Control Law : Not Listed
ISHL : Not Listed
Law Concerning Examination and Regulation of Manufacture and Handling of Chemical Substances : Not Listed
Pollutant Release and Transfer Register Law : Not Listed

16. Other information

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. Users should make their own investigations to determine the suitability of the information for their particular purposes. In addition, it may not be up to date or applicable to the circumstances of any particular case. It does not represent a guarantee of the properties of the product.