

**Oxaziclomefone,
reference material****R1285-10MG**

Version 1.1

Issuing date 09/13/2018

Revision Date 11/04/2019

Print Date 08/03/2021

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING**Product information**

Trade name	:	Oxaziclomefone, reference material
Number	:	000000016102
Recommended use of the chemical and restrictions on use	:	Reference Standard, Laboratory chemicals
Manufacturer or supplier's details	:	Honeywell Specialty Chemicals Seelze GmbH Wunstorfer Straße 40 Seelze, 30926
For further information, please contact:	:	1-800-368-0050 +1-231-726-3171 (Monday-Friday, 9:00am-5:00pm)
In case of emergency call	:	Medical: 1-800-498-5701 or +1-303-389-1414 Transportation (CHEMTREC): 1-800-424-9300 or +1-703-527-3887 In Japan: +(81)-345209637 (24 hours/day, 7 days/week)

2. HAZARDS IDENTIFICATION**Classification of the substance or mixture**

Classification of the substance or mixture	:	Short-term (acute) aquatic hazard, Category 1 Long-term (chronic) aquatic hazard, Category 1
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GHS Label elements, including precautionary statements

Symbol(s) :



Signal word : Warning

Hazard statements : Very toxic to aquatic life with long lasting effects.

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Precautionary statements

: **Prevention:**

Avoid release to the environment.

Wear protective gloves/ eye protection/ face protection.

Response:

Collect spillage.

Disposal:

Dispose of contents/ container to an approved waste disposal plant.

3. COMPOSITION/INFORMATION ON INGREDIENTSFormula : C₂₀H₁₉Cl₂NO₂

Chemical nature : Substance

Chemical name	CAS-No.	Concentration
Oxaziclomefone	153197-14-9	<=100.00 %
Oxaziclomefone		

Note: none

4. FIRST AID MEASURES

General advice

: First aider needs to protect himself.

Move out of dangerous area.

Take off all contaminated clothing immediately.

Inhalation

: If breathed in, move person into fresh air.

Call a physician if irritation develops or persists.

Skin contact

: Wash off immediately with plenty of water for at least 15 minutes.

Take off all contaminated clothing immediately.

Call a physician if irritation develops or persists.

Eye contact

: Rinse thoroughly with plenty of water, also under the eyelids.

Protect unharmed eye.

Remove contact lenses.

If eye irritation persists, consult a specialist.

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- Ingestion : Clean mouth with water and drink afterwards plenty of water.
Do not induce vomiting without medical advice.
Never give anything by mouth to an unconscious person.
Consult a physician.
- Notes to physician : Treat symptomatically.

5. FIREFIGHTING MEASURES

- Suitable extinguishing media : Alcohol-resistant foam
Water spray
ABC powder
Carbon dioxide (CO₂)
- Unsuitable extinguishing media : Do not use a solid water stream as it may scatter and spread fire.
- Specific hazards during firefighting : In case of fire hazardous decomposition products may be produced such as:
Hydrogen chloride gas
carbon oxides (CO, CO₂), nitrogen oxides (NO_x).
- Special protective equipment for firefighters : Wear self-contained breathing apparatus and protective suit.
No unprotected exposed skin areas.
- Further information : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions, protective equipment and emergency procedures : Wear personal protective equipment. Unprotected persons must be kept away.
Ensure adequate ventilation.
Avoid dust formation.
Avoid breathing dust.
Avoid contact with skin, eyes and clothing.
- Environmental precautions : Prevent further leakage or spillage if safe to do so.
Discharge into the environment must be avoided.
Do not flush into surface water or sanitary sewer system.
If the product contaminates rivers and lakes or drains inform respective authorities.
- Methods and materials for : Use mechanical handling equipment.

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containment and cleaning up

Sweep up and shovel into suitable containers for disposal.
Dispose of in accordance with local regulations.**7. HANDLING AND STORAGE****Handling**

Precautions for safe handling : Use only in well-ventilated areas.
Wear personal protective equipment.
Avoid contact with skin, eyes and clothing.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Storage

Conditions for safe storage, including any incompatibilities : Store in original container.
Keep containers tightly closed in a dry, cool and well-ventilated place.
Recommended storage temperature: 2 - 8 °C

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Components with workplace control parameters**

Contains no substances with occupational exposure limit values.

Appropriate engineering controls

Ensure adequate ventilation, especially in confined areas.

Individual protection measures, such as personal protective equipment

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment.

Hand protection : Impervious gloves
Gloves must be inspected prior to use.
Replace when worn.

Eye protection : Safety glasses with side-shields

Skin and body protection : Wear suitable protective equipment.
Wear as appropriate:
Protective suit

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Hygiene measures : General industrial hygiene practice.

Protective measures : Ensure that eyewash stations and safety showers are close to the workstation location.
Legal requirements are to be considered in regard of the selection, use and care of personal protective equipment.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state : powder

Colour : white

Odour : no data available

pH : Note: no data available

Melting point/range : 147 - 152 °C

Boiling point/boiling range : Note: no data available

Flash point : Note: Not applicable

Evaporation rate : Note: no data available

Flammability : no data available

Lower explosion limit : Note: no data available

Upper explosion limit : Note: no data available

Vapour pressure : < 0.0000133 hPa
at 50 °C(122 °F)

Vapour density : Note: no data available

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Density	: Note: no data available
Water solubility	: 0.00015 g/l at 20 °C
Partition coefficient: n-octanol/water	: log Pow: 4.01 at 20 °C
Ignition temperature	: Note: no data available
Decomposition temperature	: Note: No decomposition if stored and applied as directed.
Viscosity, dynamic	: Note: no data available
Viscosity, kinematic	: Note: no data available
Molecular weight	: 376.28 g/mol

10. STABILITY AND REACTIVITY

Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reaction known under conditions of normal use.
Conditions to avoid	: Keep away from direct sunlight.
Incompatible materials to avoid	: No information available.
Hazardous decomposition products	: In case of fire hazardous decomposition products may be produced such as: Hydrogen chloride gas carbon oxides (CO, CO ₂) and nitrogen oxides (NO _x).

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	: LD50: > 5,000 mg/kg
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Species: Rat

Acute inhalation toxicity : Note: no data available

Acute dermal toxicity : LD50: > 2,000 mg/kg
Species: RatSkin irritation : Species: Rabbit
Result: No skin irritationEye irritation : Species: Rabbit
Result: Mild eye irritationSensitisation : Species: Guinea pig
Result: Not a skin sensitizer.

Repeated dose toxicity : Note: no data available

Genotoxicity in vitro : Note: no data available

12. ECOLOGICAL INFORMATION**Toxicity**Toxicity to fish : LC50: > 0.078 mg/l
Exposure time: 48 h
Species: Cyprinus carpio (Carp)

Toxicity to daphnia and other aquatic invertebrates : Note: no data available

Toxicity to algae : Note: no data available

Persistence and degradability

Biodegradability : Note: no data available

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Other adverse effects

Additional ecological information : Very toxic to aquatic life with long lasting effects.

13. DISPOSAL CONSIDERATIONS

Disposal methods : In accordance with local and national regulations.

14. TRANSPORT INFORMATION**ADR**

UN/ID No. : UN 3077
Description of the goods : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID,
N.O.S.
(OXAZICLOMEFONE)
Class : 9
Packing group : III
Classification Code : M7
Hazard Identification Number : 90
Labels : 9

IATA

UN/ID No. : UN 3077
Description of the goods : Environmentally hazardous substance, solid, n.o.s.
(Oxaziclomefone)
Class : 9
Packing group : III
Labels : 9
Packing instruction (cargo aircraft) : 956
Packing instruction (passenger aircraft) : 956
Packing instruction (passenger aircraft) : Y956

IMDG

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N.O.S.
(OXAZICLOMEFONE)
Class : 9
Packing group : III
Labels : 9
EmS Number 1 : F-A
EmS Number 2 : S-F

Marine pollutant : yes

Not regulated for transport when single and combination packagings are <5L for liquids or <5kg for solids per ADR 2.2.9.2.10, IMDG 2.10.3 and IATA SP A197).

15. REGULATORY INFORMATION**National regulatory information**

Vessel Safety Law : Miscellaneous dangerous substances and articles (Article 2 and
JP VSL 3 of rules on shipping and storage of dangerous goods and its
Attached Table 1)

Aviation Law : Miscellaneous dangerous substances and articles (Article 194
JP AVL of The Enforcement Rules of Aviation Law and its Attached
Table 1)

Fire Service Law : Not relevant

Poisonous and Deleterious
Substances Control Law : Not relevant

Act on Confirmation, etc. of
Release Amounts of Specific
Chemical Substances in the
Environment and Promotion
of Improvements to the
Management Thereof : Class I Designated Chemical Substances
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Other international regulations**Notification status**

US. Toxic Substances
Control Act : Not On TSCA Inventory

Australia. Industrial Chemical
(Notification and
Assessment) Act : Not in compliance with the inventory

Canada. Canadian
Environmental Protection Act
(CEPA). Domestic
Substances List (DSL) : Not in compliance with the inventory

Japan. Kashin-Hou Law List : Not in compliance with the inventory

Korea. Existing Chemicals
Inventory (KECI) : Not in compliance with the inventory

Philippines. The Toxic
Substances and Hazardous
and Nuclear Waste Control
Act : Not in compliance with the inventory

China. Inventory of Existing
Chemical Substances
(IECSC) : On the inventory, or in compliance with the inventory

New Zealand. Inventory of
Chemicals (NZIoC), as
published by ERMA New
Zealand : Not in compliance with the inventory

16. OTHER INFORMATION**Further information**

The information provided in this Safety Data Sheet is correct to the best of our knowledge,
information and belief at the date of its publication. The information given is designed only as a

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guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Final determination of suitability of any material is the sole responsibility of the user. This information should not constitute a guarantee for any specific product properties.

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

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Prepared by Honeywell Performance Materials and Technologies Product Stewardship Group