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Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical product name : SCELTA (CYFLUMETOFEN 20%SC)
Name of supplier : OAT Agrio Co., Ltd.
Address : 1-3-1 Kanda Ogawa-machi, Chiyoda-ku, Tokyo 101-0052, Japan
Telephone No. : +81-88-684-0220 (Quality Assurance Section, Japan)
E-mail : sds_info@oat-agrio.co.jp
Emergency telephone No. : +81-3-5283-0256 (Head Office, Japan)
Restrictions on use : Acaricide
Product No. (SDS No.) : OAT10029Ea2-3

2. HAZARDS IDENTIFICATION

GHS Classification

Health hazards

Acute toxicity (Oral)	Not classified
Acute toxicity (Dermal)	Not classified
Acute toxicity (Inhalation)	Not classified
Skin corrosion/irritation	Not classified
Serious eye damage/eye irritation	Not classified
Skin sensitization	Not classified

Environmental Hazards

Hazardous to the aquatic environment, short-term (acute)	Not classified
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GHS label elements

Not applicable

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance/Mixtures : Mixtures

Ingredient name	Composition range (%)	CAS No.
2-methoxyethyl(RS)-2-(4-tert-butylphenyl)-2-cyano-3-oxo-3-(α,α,α -trifluoro-o-tolyl)propionate (Cyflumetofen)	20.0	400882-07-7
Crystalline silica	<0.1	14808-60-7
Water, surfactant, etc.	Residue	Trade secret

4. FIRST-AID MEASURES

Inhalation

Remove to fresh air.
Refer for medical attention.
If necessary, give oxygen.

Skin contact

If possible, remove contaminated clothing.
Wash skin with soap and copious amounts of water.
Seek medical attention if symptoms develop and persist.

Eyes contact

Immediately flush eyes with copious amounts of water for at least 15 minutes.
If contact lenses are used, remove and continue cleaning unless they are stuck.
Seek medical attention if irritation persists.

Ingestion

Wash out mouth with water.
Do not give anything by mouth, if the victim is unconscious.
Immediately refer for medical attention.

5. FIRE-FIGHTING MEASURES

Extinguishing media

Use extinguishing media appropriate to the situation of fire and its surrounding area.

Use water fog, carbon dioxide, dry chemical or foam

Unsuitable extinguishing media

Straight stream water

Specific hazards arising from the chemical product

Containers exposed to excessive heat may rupture.

Under fire situation, some components of this product may decompose.

The smoke may contain unidentified toxic and/or irritating compounds.

Specific extinguishing method

Fight with fire from a distance. Stay upwind.

In fire situations involving surrounding area, cool the product down with plenty of water.

Move container to safe place if you can do it without risk.

Special protective equipment for fire-fighters

Fire-fighters should wear self-contained breathing apparatuses and appropriate personal protective equipment.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Wear appropriate personal protective equipment (refer to Section 8) during clean-up and work upwind.

Mechanical exhaust and local exhaust are necessary.

Environmental Precautions

Do not let this chemical enter the environment such as rivers.

Methods and materials for containment and cleaning up

Stop the leakage unless dangerous.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

For large spill, dike to prevent spreading. And recovery as much as possible.

Recovery spill in suitable container and dispose of them.

7. HANDLING AND STORAGE

Handling

This product should be handled wearing appropriate personal protective equipment (refer to Section 8).

Avoid contact with eyes, skin and clothing

Wash hands and eyes thoroughly after handling.

Remove contaminated clothing and wash before reuse.

Follow good industrial hygiene practices for ventilation and clean up.

Only use as acaricide.

Storage

Store in a cool, dry, well-ventilated area.

Store in a tightly closed container in a well-ventilated area.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

The permissible concentration

ACGIH established threshold limit value for an ingredient.

Chemical name	TLV-TWA	TLV-STEL
Crystalline silica	0.025 mg/m ³	-

Engineering controls

Cleaning, mechanical exhaust and, or local exhaust are necessary.

Use adequate ventilation to keep airborne concentrations low.

Personal protective equipment

Respiratory protection : Gas mask or air respirator

Hand protection : Rubber gloves

Eye protection : Safety goggles

Skin and body protection : Clean body-covering clothing, boots and apron which do not soak this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	
Physical state	An opaque liquid
Colour	White-milky
Odour	Low
Melting point/freezing point	No data available
Boiling point or initial boiling point and boiling range	No data available
Flammability	No data available
Upper/lower flammability or explosive limits	No data available
Flash point	No data available
Auto-ignition temperature	No data available
Decomposition temperature	No data available
pH	8.4
Viscosity	No data available
Solubility	Freely miscible with water
n-octanol/water partition coefficient	No data available
Vapour pressure	No data available
Density/relative density	1.07
Vapour density	No data available
Particle characteristics	No data available

※Number is representative value of this product.

10. STABILITY AND REACTIVITY

Reactivity	No data available
Chemical stability	This product is stable under normal conditions of storage.
Possibility of hazardous reactions	No data available
Conditions to avoid	No data available
Incompatible materials	Acids, bases, and strong oxidizing agent.
Hazardous decomposition products	Toxic nitrogen oxides, carbon monoxide, and toxic vapors may be generated from this product during combustion.

11. TOXICOLOGICAL INFORMATION

Acute toxicity	
Oral	LD ₅₀ : >2000 mg/kg (Male and female rat)
Dermal	LD ₅₀ : >2000 mg/kg (Male and female rat)
Inhalation	LC ₅₀ : >5.01 mg/L (Male and female rat))
Skin corrosion/irritation	Very slightly irritating (Rabbit)
Serious eye damage/eye irritation	Minimally irritating (Rabbit)
Respiratory sensitization	No data available
Skin sensitization	Negative
Germ cell mutagenicity	No data available
Carcinogenicity	No data available
Reproductive toxicity	No data available
Specific target organ toxicity (single exposure)	This product may affect the central nervous system and blood system.
Specific target organ toxicity (repeated exposure)	This product may affect the central nervous system and respiratory system.

Aspiration hazard
No data available

12. ECOLOGICAL INFORMATION

Ecotoxicity
Hazardous to the aquatic environment, short-term (acute)
LC₅₀ (96hrs) : >5.0 mg/L (*Oncorhynchus mykiss*)
EC₅₀ (48hrs) : >5.0 mg/L (*Daphnia magna*)
ErC₅₀ (0-72hrs) : >5.0 mg/L (*Raphidocelis subcapitata*)
Hazardous to the aquatic environment, long-term (chronic)
NOEC (0-72hrs) : ≥5.0 mg/L (*Raphidocelis subcapitata*)
Persistence/Degradability
No data available
Bioaccumulative potential
No data available
Mobility in soil
No data available
Hazardous to the ozone layer
No data available

13. DISPOSAL CONSIDERATIONS

Waste from residues/unused products: In accordance with local and national regulations. Must be incinerated in a suitable incineration plant holding a permit delivered by the competent authorities. Do not allow material to contaminate ground water system. Do not contaminate surface water.
Contaminated packing: Do not re-use empty containers. Do not contaminate ponds, water ways or ditches with chemical or used container.

14. TRANSPORT INFORMATION

Specific safety measures and conditions on transport
The cautions which should be taken during transportation are same as the cautions mentioned in Section 7. In case of accidental release or fire during transportation, see the instructions given in Section 5, 6, 7 and 8 above.
UN Number : Not applicable
UN CLASS : Not applicable
Packing group : Not applicable

15. REGULATORY INFORMATION

Other regulatory information
Follow all regulations in your country.
The OAT Agrio Co., Ltd. is not able to check up the regulatory information in regard to this product in your country or region. Therefore, we request this matter would be filled by your responsibility.

16. OTHER INFORMATION

Reference
OAT Agrio's unpublished data
MSDSnavi (Japan Chemical Database Ltd., 2022)
NITE-CHRIIP (https://www.nite.go.jp/chem/chrip/chrip_search/systemTop)
ECHA, Information on Chemicals (<https://echa.europa.eu/information-on-chemicals>)

Limitation of our responsibility

This Safety Data Sheet is prepared based on a limited source of OAT Agrio's data and available references. 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 guidance for safe handling, and is not to be considered a warranty or quality specification.

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