



SAFETY DATA SHEET

TITANIUM 250 WG

SDS/GHS/Isr/V2

Issue date: 24.05.2021

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

Product identifiers

Product name: TITANIUM 250 WG
CAS No.: 122931-48-0
Chemical name: contains Rimsulfuron

Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Plant protection product

Details of the supplier of the safety data sheet

Almandine Corporation SA
Gotthardstrasse 3
6300 Zug
Switzerland
Tel: +44 20 8995 8391 (UK office; 9am -5pm)
Fax: +44 20 8995 7639
Email: almuk@almandine.com
Formulation site: Jiangsu Institute of Ecomones
Jintan, Jiangsu
China

Emergency telephone number:

Tel: +44 20 8995 8391 (SDS support, 9.00-5.00 pm; Mon-Fri only, UK)

2. HAZARDS IDENTIFICATION

Aq acute 1
Aq chronic 1



Pictograms:

Signal word: Warning

Hazard statement(s):

H400: Very toxic to aquatic life
H410: Very toxic to aquatic life with long lasting effects

Precautionary statements:

P308 + P313 IF exposed or concerned: Get medical advice/attention
P501 Dispose of contents/container in accordance with local and national regulations

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Name	CAS No.	Conc (g/kg)	Signal word	H Statement(s)
Rimsulfuron	122931-48-0	250	Warning	H400, H410
Sodium alkylnaphthalenesulfonate, formaldehyde condensate	68425-94-5	<100	Warning	H315, H319

4. FIRST AID MEASURES

If poisoning occurs, immediately contact a doctor or Poisons Information Centre and follow the advice given. Show this Safety Data Sheet to the doctor.

- Inhalation:** Remove patient from exposure, keep warm and at rest.
- Skin contact:** Remove immediately all contaminated clothing. Wash skin immediately with water for 15 -20 minutes.
- Eye contact:** Immediately irrigate with eyewash solution or clean water, remove contact lenses if present and easy to do, continue rinsing. Seek medical attention.
- Ingestion:** Rinse mouth immediately and then drink plenty of water. Do not induce vomiting unless told to do so by a poison control centre or doctor. Never induce vomiting or give anything by mouth if the patient is unconscious or having convulsions.
- Medical Advice:** Treat symptomatically.

5. FIRE FIGHTING MEASURES

Keep fire-exposed containers cool by spraying with water.

- Extinguishing media:** For small fires, use foam, carbon dioxide or dry powder. For large fires, use foam or water-fog; avoid use of water jet. Contain run-off water with, for example, temporary earth barriers.
- Protective equipment:** A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions.
- Under fire conditions:** Hazardous decomposition products may form under fire conditions: carbon dioxide (CO₂) nitrogen oxides (NO_x).

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions:** Wear PPE as recommended in section 8. Avoid dust formation. Avoid eye and skin contact.
- Environmental precautions:** Prevent product from entering drains and contamination of waterways.
- Clean-up methods:** Pick up without creating dust. Do not create powder cloud by using a brush or compressed air. Clean contaminated surfaces thoroughly.



7. HANDLING AND STORAGE

Handling:	Avoid contact with skin and eyes. When opening the container wear cotton overalls, hat, elbow-length chemical-resistant gloves, and goggles. When using do not eat, drink or smoke. Wash face and hands before eating, drinking or smoking.
Storage:	Keep original containers, tightly closed, out of reach of children. Keep away from food, drink and animal feeding stuffs.
Storage Life:	Physically and chemically stable for 2 years when stored in the original unopened container at ambient temperatures.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Occupational Exposure limits: No occupational OELs exist for this product.

Ingestion:	Prevent eating, drinking, and smoking in areas where there is a potential for exposure to the material. Wash thoroughly with soap and water after handling.
Eye contact:	Where eye contact is likely, use chemical splash goggles, or safety glass with side-shields.
Skin contact:	Wear chemical-resistant (such as nitrile or butyl) gloves and full protective clothing.
Inhalation:	Where risk assessment shows air-purifying respirators are appropriate use a mask with a particle filter FFP1 (EN149) as a backup to engineering controls.

9. PHYSICAL / CHEMICAL PROPERTIES

a) Appearance:	Beige solid granules
b) Odour:	weak odour
c) pH:	pH 5-9 (1% dilution)
d) Flash-point:	Does not flash
e) Evaporation rate:	not volatile
f) Flammability (solid/gas):	Not flammable
g) Vapour pressure:	8.9×10^{-4} mPa (tech.)
h) Vapour density:	8.3×10^{-8} Pa m ³ mol ⁻¹ (tech.)
i) Relative density:	0.7 – 0.9 (20°C)
j) Solubility:	7.3 g/L (water, 20°C, tech.)
k) Partition coefficient:	Log P _{ow} -1.46 (tech.)
l) Explosive properties:	Not explosive
m) Oxidising properties:	Not an oxidiser

10. STABILITY AND REACTIVITY

Hazardous decomposition Products:

Combustion or thermal decomposition will evolve toxic and irritant vapours. Spontaneous polymerisation does not occur. Stable under normal conditions.



11. TOXICOLOGICAL INFORMATION

Oral toxicity:	LD ₅₀ rat: >2000-5000 mg/kg (GHS Cat 5)
Dermal toxicity:	LD ₅₀ rat: >2000-5000 mg/kg (GHS Cat 5)
Inhalation toxicity:	LC ₅₀ 4h rat >4.2 mg/L (tech.)
Skin irritation:	Non-irritating
Eye irritation:	Not irritating
Skin sensitisation:	Not a skin sensitiser
Long term exposure:	Not carcinogenic or mutagenic nor a reproductive toxin

12. ECOLOGICAL INFORMATION

(based on tech.)

Ecotoxicity:

Fish toxicity:	LC ₅₀ 96 h rainbow trout	>390 mg/L
Daphnia toxicity:	EC ₅₀ 48 h <i>Daphnia magna</i>	>360 mg/L
Algal toxicity:	EC ₅₀ Green algae	1.2 mg/L
Aquatic plant toxicity:	<i>Lemna spp</i> EC ₅₀ (7 d)	0.018 mg/L

Bee toxicity: acute oral and contact: 10-100 ug ai/bee: Slightly toxic to bees

Not readily biodegradable

Does not bio-accumulate

Mobile in soil but degrades rapidly

13. DISPOSAL CONSIDERATIONS

Do not contaminate ponds, waterways or ditches with chemical or used containers. Empty containers should be washed and discarded. Empty containers should not be used for other purposes. Disposal should be in accordance with local, state or national legislation.

14. TRANSPORTATION INFORMATION

UN number:	3077		
UN Proper Shipping Name:	Environmentally hazardous substance, solid, N.O.S. (contains rimsulfuron)		
Transport hazard class:	ADR/RID: 9	IMDG: 9	IATA: 9
Packaging group:	ADR/RID: III	IMDG: III	IATA: III
Environmental hazard:	ADR/RID: Yes	IMDG: Marine pollutant: Yes	IATA: Yes

15. REGULATORY INFORMATION

No additional regulatory information required for this product.



16. OTHER INFORMATION

Full H statements:

H400: Very toxic to aquatic life

H410 Very toxic to aquatic life with long lasting effects

H315: Causes skin irritation

H319: Causes severe eye irritation

No liability is accepted for any injury, loss, damage or cost arising directly or indirectly from the use of the product or from the use of information contained within the safety data sheet, since the customer's treatment of the product is necessarily beyond our control. The supplied data are based on current knowledge and experience. This safety data sheet is intended to describe our product in terms of safety requirements. The customer should determine by appropriate tests that the product is suitable for its intended use.

Self-classification of mixture

Sections 9 and 11 based on own and public domain data

Update to Section 12