



TIDE INTERNATIONAL USA, INC.

—A DIVISION OF TIDE GROUP

REVISION DATE: 10/08/2023 VERSION 1.0

[1. Identification]

Product name: Tide Rimsulfuron 25 WG

Chemical name: N-(((4,6-dimethoxy-2-pyrimidinyl)amino)carbonyl)-3-(ethylsulfonyl)-2-pyridinesulfonamide

Chemical family: Sulfonylurea

EPA Reg. No.: 84229-58

Supplier: Tide International USA, Inc.
21 Hubble, Irvine, CA 92618

Telephone: (949) 679-3535
www.Tide-USA.com

For medical or chemical* emergencies: Call CHEMTREC®: 1-800-424-9300 (24 hours/day)
*Spill, leak, fire, exposure or accident

For non-emergency product information: Call the NATIONAL PESTICIDE INFORMATION CENTER
1-800-858-7378 (Monday - Friday, 8-12 PM Pacific time)

[2. Hazard(s) Identification]

According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR §1910.1200 (2012)

Classification of the substance or mixture: mixture

Not classified as a hazardous substance or mixture according to the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard 2012.

Other hazards:

Information presented in Section 2 conforms to the requirements of the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard of 2012. See Section 15 for applicable information conforming to the requirements of the Federal Insecticide Fungicide and Rodenticide Act (FIFRA), as required by the US Environmental Protection Agency (EPA), or by state Regulatory Agencies.

NFPA ratings: Health-1 Flammability-0 Reactivity-0

[3. Composition / Information on Ingredients]

According to regulation 2012 OSHA Hazard Communication Standard (HCS); 29 CFR §1910.1200 (2012).

Active ingredient	CAS No.	Content (w/w, %)	ACIGH TWA
Rimsulfuron N-(((4,6-dimethoxy-2-pyrimidinyl)amino)carbonyl)-3-(ethylsulfonyl)-2-pyridinesulfonamide	122931-48-0	25 min.	NA
Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts	68439-57-6	3.2 max	NA
Other ingredient deemed not to be hazardous	Proprietary	Balance	-

*Ingredients not specifically listed are to be considered proprietary or confidential business information per 29 CFR 1910.1200(i)

[4. First Aid Measures]

General advice

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. For medical emergencies involving this product, call toll free 1-800-441-3637. See Label for Additional Precautions and Directions for Use.

Information presented in Section 4 conforms to the requirements of the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard of 2012. See Section 15 for applicable information conforming to the requirements of the Federal Insecticide Fungicide and Rodenticide Act (FIFRA), as required by the US Environmental Protection Agency (EPA), or by state Regulatory Agencies.

If inhaled

No specific intervention is indicated as the compound is not likely to be hazardous. Consult a physician if necessary.

In case of skin contact

Take off all contaminated clothing immediately. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

In case of eye contact

Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

If swallowed

No specific intervention is indicated as the compound is not likely to be hazardous. Consult a physician if necessary.

Most important symptoms/effects, acute and delayed

No applicable data available.

Protection of first-aiders

No applicable data available.

Note to physician

No applicable data available.

[5. Fire-Fighting Measures]

Suitable extinguishing media: Water spray, foam, dry chemical or carbon dioxide (CO₂).

Unsuitable extinguishing media: High volume water jet, (contamination risk).

Special hazards: No applicable data available.

Special protective equipment for firefighters: Wear full protective clothing and self-contained breathing apparatus.

Further information: (on small fires) If area is heavily exposed to fire and if conditions permit, let fire burn itself out since water may increase the area contaminated. Cool containers/tanks with water spray. Do not allow run-off from fire fighting to enter drains or water courses.

[6. Accidental Release Measures]

Note:

Review FIRE FIGHTING MEASURES and HANDLING (PERSONNEL) sections before proceeding with clean-up.

Use appropriate PERSONAL PROTECTIVE EQUIPMENT during clean-up.

Safeguards (Personnel):

Evacuate personnel, thoroughly ventilate area, use self-contained breathing apparatus. Use personal protective equipment.

Environmental precautions:

Prevent material from entering sewers, waterways, or low areas.

Spill Cleanup:

Sweep up and shovel into suitable containers for disposal.

Accidental release measures:

Never return spills in original containers for re-use. Dispose of in accordance with local regulations.

[7. Handling and Storage]

Handling (Personnel):

Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove personal protective equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing. Remove clothing/PPE immediately if material gets inside. Wash thoroughly and put on clean clothing.

Handling (Physical Aspects):

Keep away from heat and sources of ignition.

Dust explosion class:

No applicable data available.

Storage:

Store in original container. Store in a cool, dry place. Do not contaminate water, other pesticides, fertilizer, food or feed in storage. Keep out of the reach of children.

[8. Exposure Controls / Personal Protection]

Engineering controls:

Ensure adequate ventilation. Information presented in Section 8 conforms to the requirements of the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard of 2012. See Section 15 for applicable information conforming to the requirements of the Federal Insecticide Fungicide and Rodenticide Act (FIFRA), as required by the US Environmental Protection Agency (EPA), or by state Regulatory Agencies.

Personal protective equipment skin and body protection:

Applicators and other handlers must wear: Long sleeved shirt and long pants; Chemical-resistant gloves, Category A (such as butyl rubber, natural rubber, neoprene rubber, or nitrile rubber), all greater than or equal to 14 mils; Shoes plus socks; Wear shoes with conductive soles.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

Coveralls; Chemical-resistant gloves, Category A (such as butyl rubber, natural rubber, neoprene rubber, or nitrile rubber), all greater than or equal to 14 mils; Shoes plus socks.

[9. Physical and chemical properties]

Appearance: Brown columnar granules.

Odor: Weak Pungent

Odor threshold: No data available.

PH: 5.0-8.0.

Melting point/freezing point: No data available.

Initial boiling point and boiling range: Not applicable.

Flash point: Not applicable.

Evaporation rate: No data available.

Flammability: Non-flammable

Upper/lower flammability or explosive limits: No data available.

Vapor pressure: No data available.

Vapor density: No data available.

Bulk Density: 0.5~0.6

Solubility: No data available.

Octanol/water partition coefficient: Not applicable.

Auto-ignition temperature: No data available.

Decomposition temperature: No data available.

Viscosity: Not applicable.

Note: These physical data are typical values based on material test but may vary from sample to sample. Typical values should not be construed as a guaranteed analysis and any specific lot or as a specification.

[10. Stability and reactivity]

Reactivity: No applicable data available.

Chemical stability: Stable at normal temperatures and storage conditions.

Possibility of hazardous reactions: Polymerization will not occur.

Conditions to avoid: None reasonably foreseeable.

Incompatible materials: No materials to be especially mentioned.

Hazardous decomposition products: No applicable data available.

[11. Toxicological information]

Acute toxicity:

Acute inhalation (rats): LC₅₀ > 5 mg/l - 4 hours.

Acute dermal (rats): LD₅₀ > 5,000 mg/kg.

Acute oral (rats): LD₅₀: > 5,000 mg/kg.

Skin irritation (rabbits): No skin irritation.

Eye irritation (rabbits): No eye irritation.

Sensitization (mice): Animal test did not cause sensitization by skin contact.

Further information:

Information presented in this Section conforms to the requirements of the Occupational Safety and Health Administration (OSHA) Hazard Communication Standard of 2012. See Section 15 for applicable information conforming to the requirements of the Federal Insecticide Fungicide and Rodenticide Act (FIFRA), as required by the US Environmental Protection Agency (EPA), or by state Regulatory Agencies.

Repeated dose toxicity:

The following effects occurred at levels of exposure that significantly exceed those expected under labeled usage conditions; Oral; multiple species - altered blood chemistry, Liver effects, Organ weight changes.

Carcinogenicity:

Did not show carcinogenic effects in animal experiments.

Mutagenicity:

Tests on bacterial or mammalian cell cultures did not show mutagenic effects.

Did not show mutagenic effects in animal experiments.

Reproductive toxicity:

Animal testing did not show any effects on fertility.

Teratogenicity:

Evidence suggests the substance is not a developmental toxin in animals.

[12. Ecological information]

Aquatic toxicity

96 hours LC₅₀, Rainbow trout > 390 mg/l

96 hours LC₅₀, Bluegill sunfish > 390 mg/l

120 hours EbC₅₀, Selenastrum capricornutum (green algae) - 1.6 mg/l

48 h EC₅₀, Daphnia magna (Water flea) > 360 mg/l

90 d NOEC, Oncorhynchus mykiss (rainbow trout) - 110 mg/l

21 d NOEC, Daphnia magna (Water flea) - 0.82 mg/l

Environmental fate:

Biodegradability: According to the results of tests of biodegradability this product is not readily biodegradable.

Bioaccumulation: Does not bioaccumulate.

Environmental Hazards: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters or rinsate.

[13. Disposal considerations]

Waste disposal methods - Product:

Do not contaminate water, food or feed by disposal. Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Waste disposal methods – Container:

Container Refilling and Disposal: Refer to the product label for instructions. Do not transport if this container is damaged or leaking.

In the event of a major spill, fire or other emergency, call 1-800-441-3637 day or night.

Contaminated packaging:

No applicable data available.

[14. Transport information]

IATA_C

UN number: 3077

Proper shipping name: Environmentally hazardous substance, solid, N.O.S. (Rimsulfuron)

Class: 9

Packing group: III

Labelling No.: 9

IMDG

UN number: 3077

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Rimsulfuron)

Class: 9

Packing group: III

Labelling No.: 9

Marine pollutant: yes (Rimsulfuron)

DOT

Not regulated as a hazardous material by DOT.

Marine Pollutants assigned UN number 3077 and 3082 in single or combination packaging containing a net quantity per single or inner packaging of 5 L or less for liquids or having a net mass per single or inner packaging of 5 KG or less for solids may be transported as non-dangerous goods as provided in section 2.10.2.7 of IMDG code, IATA special provision A197, and ADR/RID special provision 375.

[15. Regulatory information]

Other regulations: This Safety Data Sheet is for a pesticide product registered by the US Environmental Protection Agency (USEPA) and various state regulatory agencies, and is therefore also subject to certain requirements under US and state pesticide laws, including the Federal Insecticide Fungicide and Rodenticide Act (FIFRA). These requirements differ from the classification criteria and hazard information required by OSHA for safety data sheets, and for workplace labels of non-pesticide chemicals. The following is information determined by USEPA, and various states.

Caution

Avoid contact with skin, eyes and clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet.

SARA 311/312 Hazard classification: No SARA Hazards.

SARA 313 Regulated Chemical(s): This material does not contain any chemical components with known CAS

numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

PA Right to Know Regulated Chemical(s): Substances on the Pennsylvania Hazardous Substances List present at a concentration of 1% or more (0.01% for Special Hazardous Substances): Kaolin, Disodium phosphate, Sucrose, Sodium sulphate.

EPA Reg. No.: 352-768 In the United States this product is regulated by the US Environmental Protection Agency (EPA) under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA). It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read and follow all label directions. This product is excluded from listing requirements under EPA/TSCA.

California Prop. 65: This product can expose you to substances including Titanium dioxide, which is/are known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

[16. Other information]

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. Tide International USA, Inc. assumes no responsibility for results obtained or for incidental or consequential damages arising from the use of these data.