

Material Safety Data Sheet

METRIBUZIN 70% WG

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Chemicals English name: metribuzin
English name : 4-amino-6-tert-butyl-3-(methylthio)-1,2,4-triazin-5-one
Technical Manual code: 2653
CAS No.: 21087-64-9
Molecular formula: $C_8H_{14}N_4OS$
Molecular Weight: 214.32

2. COMPOSITION / INFORMATION ON THE COMPOSITION

Substance	CAS No	% content
Metribuzin	21087-64-9	70
Inert fillers/dispersants		30

3. THE OVERVIEW OF DANGEROUS CHARACTERISTICS

Health risks: the low-to herbicides. Stimulate to eyes and skin. No sensitization. Sulfur oxides and smoke will be decomposed after heated.

Environmental hazards: There is harm to the environment.

4. FIRST AID MEASURES

Skin contact: take off contaminated clothing and rinse with plenty of water flow.

Eye contact: eyelid filed with the flow of water or saline flushing. Ask for medical treatment.

Inhalation: Away from the scene quickly to fresh air. Maintain the airway. If difficulty in breathing, the oxygen. If breathing stopped, do the artificial respiration immediately. Ask for medical treatment.

Ingestion: drink enough water, emetic. Gastric lavage, the Chinese lead. Ask for medical treatment.

5. FIRE MEASURES

The risk characteristics: combustible under the case of open flame and heat. The powder will form explosive mixture with air. When the mixture reaches to a certain level, the case of Mars will result in an explosion. Heat emitted by the decomposition of toxic gases.

Hazardous combustion products: carbon monoxide, carbon dioxide, nitrogen oxides, sulfur.

Fire: firefighters have to wear gas masks, clothes to wear full-body fire in the direction of fire. Fire extinguishing agent: water mist, foam, dry powder, carbon dioxide, sand.

6. EMERGENCY LEAK

Emergency: isolation leak contaminated area to restrict access. Cut off the source of fire. Proposal to deal with emergency is to wear dust masks and work clothes in general operations. Do not directly contact with the leaking material. A small amount of leakage: avoid dust, carefully sweep, the bag placed to a safe place. A large number of leaks: the collection shipped to recycling or waste disposal sites.

7. STORAGE AND DISPOSAL OPERATION

Operation Notes: confined operation, local exhaust. Dust should be avoided releasing into the air in the workshop. Operators should go through the specialized training, strictly abide by the rules.

Recommendation for the operator is to wear dust-filter smoke masks, chemical protection glasses, infiltrate anti-uniform and rubber gloves. Away from fire, heat source, no-smoking in the workplace. Use the explosion-proof type of ventilation systems and equipment. Avoid contacting with the oxidant and dust. With the corresponding variety and quantity of fire equipment and emergency leak processing equipment. Empty containers may have residues of harmful substances.

Notices storage: stored in a cool, ventilated to the Treasury. Keep away from fire and heat. Keep sealed containers. Should be kept separate from oxidants, should not have mixed storage. Storage area should be



equipped with the corresponding variety and quantity of fire equipment. Reserve areas should maintain an appropriate level of material leaking take objects.

8. CONTACT WITH THE CONTROL / PERSONAL PROTECTION

TLVTN: 5mg/m³

Project control: a confined operation, local exhaust.

Respiratory protection: excessive concentration of dust in the air, smoke from wearing masks and dust-filter. Emergency rescue or evacuation, air respirator should be worn.

Eye protection: wear protective chemical safety glasses.

Physical protection: anti-infiltration to wear working clothes.

Hand protection: wear rubber gloves.

Other protection: ban on workplace smoking, eating and drinking water, wash hands before eating. Change a shower after finishing work. To maintain good health habits.

9. PHYSICAL AND CHEMICAL PROPERTIES

The main ingredients: content: 70% of the Passaic WP, in addition to 75% of the dry Like hanging emulsion. And the appearance of the characters: white or colorless crystalline powder.

Melting Point (°C): 125.5 ~ 126.5

The relative density (water = 1): 1.28

Saturation vapor pressure (kPa): 0.133×10^{-5} (20 °C)

Octanol / water partition coefficient of the value: data

Flash point (°C): meaningless

Solubility: micro-soluble in water, hexane, dissolved in ether, toluene.

The main purposes: as a herbicide

Other physical and chemical properties

10. STABILITY AND REACTIVITY

Ban-allocation: strong oxidant

11. TOXICOLOGY INFORMATION

Acute toxicity: LD50: 1100 mg / kg (rats oral); 698 mg / kg (mouse oral)

12. ECOLOGICAL DATA

Other harmful effects: the physical harm to the environment, is not recommended to enter the environment.

13. WASTE DISPOSAL

Waste disposal: the proposed disposal by incineration. To the use of the local re-use containers or buried in place provisions.

14. TRANSPORT INFORMATION

Not classified as dangerous goods by the criteria of the australlan dangerous goods code(adg code)for transport by road or rall,sea.

15. INFORMATION AND REGULATIONS

AICS: To be used strictly in accordance with the label instructions.

16. OTHER INFORMATION

Disclaimer: The information provided by Jiangsu Agrochem Laboratory Co., Ltd contained herein is given in good faith and to the best of our knowledge.

