



Ethyl butylacetylaminopropionate (cas : 52304-36-6)MSDS

Section 1- Chemical Product and company identification

1.1 Product name: ETHYL BUTYLACETYLAMINOPROPIONATE

The formulated product is to be applied on exposed skin

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

Identified uses : Insect repellents raw material

1.3 Details of the supplier of the safety data sheet

Company : Hunan XueTian Fine Chemical Co., Ltd.
No.1 Xincun, Yangtianhu, Changsha, Hunan province, China
Telephone : +86-0731-85138163
Fax : +86-0731-85133553
E-mail address : www.xuetianchem.com/ 729834175@qq.com

Section 2- Composition, Information on Ingredients

2.1 Chemical Name :ETHYL BUTYLACETYLAMINOPROPIONATE

2.2 Synonyms :IR3535., AI 3-70763, EBAAP, ethyl 3-(N-butylacetamido)propionate,

2.3 CAS number:52304-36-6

Section 3- Hazards Identification

EMERGENCY OVERVIEW

3.1 Appearance:Colorless ot light yellow liquid.

Caution! May cause eye and skin irritation. May cause respiratory and digestive tract irritation. The toxicological properties of this material have not been fully investigated.

3.2 Target Organs: No data found.

3.3 Potential Health Effects

3.4 Eye: May cause eye irritation.

3.5 Skin: May cause skin irritation.

3.6 Ingestion: May cause irritation of the digestive tract. The toxicological properties of this substance have not been fully investigated.

3.7 Inhalation: May cause respiratory tract irritation. The toxicological properties of this substance have not been fully investigated.

3.8 Chronic: No information found.



Section 4- First Aid Measures

4.1 Eyes: Flush eyes with plenty of water for at least 15 minutes

4.2 Skin: Flush skin with plenty of water for at least 15 minutes

4.3 Ingestion: Never give anything by mouth to an unconscious person. Get medical aid. Do NOT induce vomiting. If conscious and alert, rinse mouth and drink 2-4 cupfuls of milk or water.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid.

4.4 Notes to Physician: Treat symptomatically and supportively.

Section 5 - Fire Fighting Measures

5.1 Extinguishing Media: use agent most appropriate to extinguish surrounding fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam.

5.2 Flash Point: Not applicable.

5.3 Autoignition Temperature: Not applicable.

5.4 Explosion Limits, Lower:Not available.

5.5 Upper: Not available.

Section 6 - Accidental Release Measures

6.1 General Information: Use proper personal protective equipment.

6.2 Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.

Section 7 - Handling and Storage

7.1 Handling: Wash thoroughly after handling. Use with adequate ventilation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

7.2 Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

Section 8 - Exposure Controls, Personal Protection

Based on the application methods, the potential for dermal, eye, and inhalation



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exposure to this product is minimal to nonexistent for applicators and handlers

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to minimize contact with skin.

Section 9 - Physical and Chemical Properties

9.1 Physical State: colorless or light yellow liquid

9.2 Melting point: below -20 °C

9.3 Solubility in water: 70 ± 3 g/l at 20°C

9.4 Flash point: 159C

9.5 Odor: Odorless

9.6 pH: Not available.

9.7 Molecular Formula: C₁₁H₂₁NO₃

9.8 Molecular Weight: 215.3

10 STABILITY AND REACTIVITY

10.1 Reactivity

no data available

10.2 Chemical stability no data available

10.3 Possibility of hazardous reactions no data available

10.4 Conditions to avoid no data available

10.5 Incompatible materials

Strong oxidizing agents, Strong acids, Strong bases, Strong reducing agents

10.6 Hazardous decomposition products

10.7 Other decomposition products - no data available

Section 11 - Toxicological Information



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Adequate mammalian toxicology data are available and support registration of the active ingredient. The required acute mammalian toxicology studies have been submitted. The data indicate that the active ingredient has an acute oral LD₅₀ >12600 mg/kg in rats (Toxicity Category IV), an acute dermal LD₅₀ >4640 mg/kg in rats (Toxicity Category III), a dermal irritation study in rats (Toxicity Category IV), an acute inhalation LC50 > 10000mg/m³, for a four hour exposure in rats (Toxicity Category IV}, and the primary eye irritation study in rabbits, (Toxicity Category II). It is not a sensitizer. The triggers for submitting additional toxicology studies were not met.

11.1 Epidemiology: No information found.

11.3 Reproductive Effects: No information found.

11.4 Mutagenicity: No information found.

11.5 Neurotoxicity: No information found.

11.6 Other Studies: N/A

Section 12 - Ecological Information

12.1 Toxicity

Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 2300 mg/l - 96,0 h

Toxicity to daphnia and other aquatic invertebrates EC50 - Daphnia magna (Water flea) - 150mg/l - 48 h

12.2 Persistence and degradability no data available

12.3 Bioaccumulative potential no data available

12.4 Mobility in soil no data available

12.5 Results of PBT and vPvB assessment no data available

12.6 Other adverse effects

Harmful to aquatic life.

Section 13 - Disposal considerations



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Waste treatment methods Product

Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging

Dispose of as unused product.

Section 14 - Transport Information

14.1 UN number

ADR/RID: -

IMDG: -

IATA: -

14.2 UN proper shipping name

ADR/RID: Not dangerous goods

IMDG: Not dangerous goods

IATA: Not dangerous goods

14.3 Transport hazard class(es)

ADR/RID: -

IMDG: -

IATA: -

14.4 Packaging group

ADR/RID: -

IMDG: -

IATA: -

14.5 Environmental hazards

ADR/RID: no

IMDG Marine pollutant: no

IATA: no

14.6 Special precautions for user no data available

Section 15- Regulatory Information

Domestic chemical safety management regulations: chemical dangerous goods safety management regulations (promulgated by the State Council on February 17, 1987), the chemical dangerous goods safety management regulations, implementing rules (change law is sent [1992] 677), using chemicals workplace safety regulation (no. 423 [1996] labor department is sent) such as laws and regulations, for the safe use of hazardous chemicals, production, storage, transportation, loading and unloading, etc, have made the corresponding provisions.

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture



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no data available

15.2 Chemical Safety Assessment

no data available

Section 16- OTHER INFORMATION

The above information is believed to be correct but does not purport to be all inclusive and shall be

used only as a guide. The information in this document is based on the present state of our knowledge

and is applicable to the product with regard to appropriate safety precautions. It does not represent any

guarantee of the properties of the product.