



MATERIAL SAFETY DATA SHEET

COMITE 360 SC

Section 1. Chemical Product and Company Identification

SHANDONG HAILIR CHEMICAL CO, LTD

Lingang Industrial Zone, Coastal Econ, Development Zone, Weifang, Shandong,
China

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Product Name: Chlorfenapyr 360 g/l SC

**Common Name: Chlorfenapyr Chemical
name:**

Chlorfenapyr:

4-bromo-2-(4-chlorophenyl)-1-ethoxymethyl-5-trifluoromethylpyrrole-3-carbonitrile

Section 2: Composition/Information on Ingredients

Component	CAS Number	Content (w/w)
Chlorfenapyr	122453-73-0	360 g/l
Other Ingredients	Not available	Balance to 100%

Section 3. Hazards Identification

Harmful by inhalation, in contact with skin and if swallowed.

Section 4. First Aid Measures

Inhalation remove source of contamination or move victim to fresh air. Establish a patent airway with suction where necessary Administer oxygen by non-breather mask at 10 to 15L/min. Seek medical advice.

Ingestion If swallowed do NOT induce vomiting; seek medical advice immediately and show this container or label or contact the Poisons Information Centre. Make every effort to prevent vomit from entering the lungs by careful placement of the patient. These instructions are suitable for ingestion of spray solution and small amounts of concentrate; however, if SUBSTANTIAL AMOUNTS of the concentrate have been swallowed (more than about 10ml) AND if medical assistance is more than 30 minutes away, the induction



of vomiting should be CONSIDERED, preferably based on MEDICAL ADVICE if a physician can be contacted by phone. All care must be taken to prevent vomit from being inhaled. Do not give anything by mouth to a semi-conscious or unconscious person.

Skin Wash affected areas thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

Eye If in eyes, hold eyelids open and wash with copious amounts of water for at least 15 minutes. Seek medical advice.

First Aid Facilities If poisoning occurs, contact a doctor or Poisons Information Centre
Apply symptomatic treatment.

Section 5. Fire Fighting Measures

Extinguishing Media If involved in a fire, the product will not burn. Choose extinguishing media to suit the burning material. Avoid using large volumes of water which would spread the product.

Specific Hazards Considered low risk due to water content, however upon evaporation of water the product is combustible.

Hazardous Combustion Products If involved in a fire, the dehydrated components may emit oxides of carbon and nitrogen, halogenated hydrocarbons (F, BR, Cl) and hydrogen cyanide.

Emergency Action in case of Fire If exposed to fire, keep container cool by spraying with water.

Protective Equipment Breathable air apparatus should be worn when fighting a fire in which chlorfenapyr is involved.

Other Information Prevent fire water from entering drains or water bodies.

Section 6. Accidental Release Measures

Spills & Disposal Contain spill and absorb with clay, sand, soil or proprietary absorbent (such as vermiculite). Collect spilled material and waste in sealable open-top type containers for disposal.

Personal Protection For appropriate personal protective equipment (PPE), refer Section 8.

Environmental Precautions Prevent from entering drains, waterways or sewers. Use earthen bunds or absorbent bunding to prevent spreading of spillage.

Section 7. Handling and Storage

Handling Do NOT contaminate dams, rivers or streams, or any other water bodies with pesticide or used containers.

Storage Store in the closed, original container in a cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

Section 8. Exposure Controls/Personal Protection

Exposure Limits No exposure standards have been set for this product.

Respiratory Protection Do not inhale spray mist.

Personal Protective Equipment When opening the container, preparing spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist and a washable hat, elbow-length PVC gloves and goggles.

Eng. Controls Handle in well ventilated areas, generally natural ventilation is adequate.

Hygiene Measures After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use, wash contaminated clothing and safety equipment.

Requirements Concerning Special Training NSW regulations require that people who use pesticides in their job or business must have training in the application of the materials. By 1st September, 2005 all users must have received such training.

Section 9. Physical and Chemical Properties

Appearance: White to pale grey liquid

Odour: No characteristic odour

PH: 5.0-9.0

Flammability: Not highly flammable

Suspensibility: $\geq 80\%$

Persistent foam: $\leq 25\text{ml}$

Section 10. Stability and Reactivity

Stability Stable under normal conditions.

Hazardous Polymerization Hazardous polymerisation is not possible. **Hazardous Reaction** Keep away from strong oxidising agents.

Section 11. Toxicological Information

Acute Oral Toxicity: Acute oral LD50 for rats 1470 mg/kg

Acute Dermal Toxicity: Acute dermal LD50 for rat >2000 mg/kg.

Acute Inhalation Toxicity: >2000 mg/m³

Skin Irritation: No irritating to skin (rat)

Eye Irritation: Mildly irritating to eye (rat)

Skin sensitization: Non-sensitizing to skin (Guinea pig)

Section 12. Ecological Information

This product is toxic to wildlife. This product is toxic to bees exposed to direct treatment. Do not apply this product while bees are actively visiting the treated area. Extremely toxic to fish and aquatic invertebrates. Do not contaminate surface or ground water by cleaning equipment or disposal of wastes, including equipment wash water.

Section 13. Disposal Considerations

Product Disposal On site disposal of the concentrated product is not acceptable. Ideally, the product should be used for its intended purpose. If there is a need to dispose of the product, approach local authorities who hold periodic collections of unwanted chemicals (ChemCollect).

Container Disposal Triple rinse containers, add rinsate to the spray tank, then offer the container for recycling/reconditioning, or puncture top, sides and bottom and dispose of in landfill in accordance with local regulations. Drum MUSTER is the national program for the collection and recycling of empty, cleaned, non returnable crop production and on-farm animal health chemical containers. If the label on your container carries the drumMuster symbol, triple rinse the container, ring your local Council, and offer the container for collection in the program.

Returnable containers: empty contents fully into application equipment. Replace cap, close all valves and return to the point of supply for refill or storage. If no landfill is available, bury the containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers and product should not be burnt.



Section 14. Transport Information

U.N. Number None Allocated

DG Class None Allocated

Hazchem Code None Allocated

Packing Group None Allocated

Storage and Transport Considered non dangerous for transport.

UN Number (Sea Transport) 3082

IMO Class/Packing Group Class 9; Packing Group III

IMO Proper Shipping Name ENVIRONMENTALLY HAZARDOUS
SUBSTANCE, LIQUID, N.O.S.

Section 15. Regulator Information

Risk Phrase R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

Safety Phrase S13 Keep away from food, drink and animal feeding stuffs. S2 Keep out of reach of children. S46 If swallowed, seek medical advice immediately and show this container or label.

Poisons Schedule S6 Hazard Category Harmful

Packaging & Labelling POISON; KEEP OUT OF REACH OF CHILDREN; READ SAFETY DIRECTIONS BEFORE OPENING OR USING

Section 16. Other Information Disclaimer:

The information on this sheet is not a specification; it does not guarantee specific properties. The information is intended to provide general guidance as to health and safety based upon our knowledge of the handling, storage and use of the product. It is not applicable to unusual or non-standard uses of the product, nor where instructions or recommendations are not followed.

The information provided by Shandong Hailir Chemicals Co., Ltd contained herein is given in good faith and to the best of our knowledge. However, no warranty is expressed or implied.

