

# MATERIAL SAFETY DATA SHEET

## I. Identification of the substance/preparation and of the company/undertaking

Product name: PERKIL 1L

Chemical formula: C<sub>21</sub>H<sub>20</sub>Cl<sub>2</sub>O<sub>3</sub>

Proper shipping name: FLAMMABLE LIQUID, N.O.S

Supplier: PLATFORM AGROTECH CO., LTD

Address: OFFICE 1908, LONGTAI INT'L MANSION, NO.198 ZHONGSHANDONG ROAD, NANJING, P.R.CHINA 210002

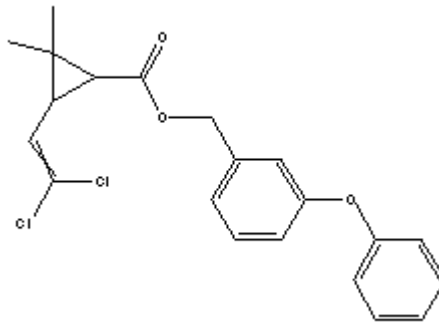
Tel: 0086-25-83712186

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Issued date: 2019/01/02

## II. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredients	CAS NO.	Proportion
Permethrin	52645-53-1	25% w/w min.
Other non hazardous ingredients		75% w/w max.
Structural formula		



## III. HAZARDS IDENTIFICATION

Health Hazards (Acute and Chronic):

EYES: Avoid contact with eyes. Causes moderate eye irritation.

SKIN: Contact may irritate skin. May be harmful if absorbed through the skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

INHALATION: Harmful if inhaled. Overexposure may irritate the respiratory tract.

INGESTION: Product contains petroleum distillates. Vomiting may cause aspiration pneumonia.

## IV. FIRST - AID MEASURES

Emergency First Aid Procedure:

If Inhaled: Move person to fresh air.

If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.

Call a poison control center or doctor for further treatment advice. If on Skin or Clothing:

Take off contaminated clothing.

■ 邮寄地址: 中国.南京市中山东路 198 号龙台国际大厦 1908 南京普来福

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■ E-mail: [liulu@china-boost.com](mailto:liulu@china-boost.com)

Rinse skin immediately with plenty of water for 15 - 20 minutes.  
Call a poison control center or doctor for treatment advice. If in Eye:  
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:  
Immediately call a poison control center or doctor.  
Do not induce vomiting unless told to do so by a poison control center or doctor.  
Do not give any liquid to the person.  
Do not give anything by mouth to an unconscious person.  
Have the product container or label with you when calling a poison control center or doctor or going for treatment.

Other Health Warnings:

Note to Physician and Veterinarians:

Contains petroleum distillate - vomiting may cause aspiration pneumonia.

Do not administer or instill milk, cream or other substances containing vegetable or animal fats which enhance absorption of lipophilic

## V. FIRE FIGHTING MEASURES

Flash Point: 170 °F

F.P. Method: PM Closed Cup

Lower Explosive Limit:NI

Upper Explosive Limit:NI

Fire Extinguishing Media: Foam, CO<sub>2</sub>, Dry Chemical, water fog.

Special Fire Fighting Procedures: Use self-contained breathing apparatus.

Unusual Fire and Explosion: Do not use direct stream of water; material may float and ignite.  
Contains petroleum distillates.

## VI. ACCIDENTAL RELEASE MEASURES

Steps to be Taken in Case Material is Released or Spilled:

See Section 8 for Personal Protective Equipment. In case of spillage or leakages, soak up with an absorbent material such as sand, sawdust, earth, Fuller's earth, etc. Place into container(s) and dispose of properly. Clean area with water if possible.

## VII. HANDLING AND STORAGE

Precautions to be taken:

Combustible: Do not use or store this product near heat or open flame.

Other Precautions:

Do not use this product in or on electrical equipment due to the possibility of shock.

## VIII. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation Requirements:

Good local ventilation.

Personal Protective Equipment:

PROTECTIVE CLOTHING:

Long sleeves and pants; chemical-resistant gloves and shoes.

EYE PROTECTION:

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Safety glasses, goggles, or splash shield.

**RESPIRATORY PROTECTION:**

If exposure limits may be exceeded, wear a respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a NIOSH approved respirator with any R, P or HE filter.

**IX. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance : Straw colored liquid

Odor: pungent odor

Boiling Point: NI

Melting Point: NI

Evaporation Rate (Butyl Acetate = 1) : NI

Vapor Pressure (mm Hg.): NI

Specific Gravity (H<sub>2</sub>O = 1): 0.84770

Solubility in Water: Emulsion

Other Information:

Density: 7.06 pounds/gallon.

**X. STABILITY AND REACTIVITY**

Stability:Stable.

Incompatibility (Materials to Avoid):None known.

Decomposition/By-Products: None known.

Hazardous Polymerization: Will not occur.

**XI. TOXICOLOGICAL INFORMATION**

No toxicological data available.

**XII. ECOLOGICAL INFORMATION**

This product is highly toxic to fish. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean water mark. Do not apply where runoff is likely to occur. Do not apply when wind speeds exceed 10 mph. Do not contaminate water when disposing of equipment wash waters. Shrimp and crab may be killed if application rates recommended on this label are exceeded. Use with caution where these are important resources.

This product is highly toxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply this product or allow drift when bees are actively visiting the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

**XIII. DISPOSAL CONSIDERATIONS****PESTICIDE DISPOSAL:**

Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of at or by an approved waste disposal facility.

**CONTAINER DISPOSAL:**

■ 邮寄地址: 中国.南京市中山东路 198 号龙台国际大厦 1908 南京普来福

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DO NOT REUSE CONTAINER.

Triple-rinse (or equivalent) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by incineration, or by other procedures approved local and state procedures).

#### **XIV. Transport information**

The data provided in this section is for information only. Please apply the appropriate regulations to properly classify your shipment for transportation.

UN NO.: 1993

CLASS : 3

PACKIN GROUPE:II

#### **XV. Regulatory information**

This product is classified according to China regulations.

#### **XVI. OTHER INFORMATION**

PLEASE READ ALL LABELS CAREFULLY BEFORE USING PRODUCT.

THE INFORMATION ABOVE IS BELIEVED TO BE ACCURATE AND REPRESENTS THE BEST INFORMATION CURRENTLY AVAILABLE TO US. HOWEVER, WE MAKE NO WARRANTY OF MERCHANT ABILITY OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WITH RESPECT TO SUCH INFORMATION, AND WE ASSUME NO LIABILITY RESULTING FROM ITS USE. USERS SHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THE INFORMATION FOR THEIR PARTICULAR PURPOSES. IN NO WAY SHALL THE COMPANY BE LIABLE FOR ANY CLAIMS, LOSSES, OR DAMAGES OF ANY THIRD PARTY OR FOR LOST PROFITS OR ANY SPECIAL, INDIRECT, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY DAMAGES, HOWSOEVER ARISING, EVEN IF THE COMPANY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

FOR ADDITIONAL NON-EMERGENCY INFORMATION: CALL CUSTOMER SERVICES

**CALL 0086 25 83706996**

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