

MATERIAL SAFETY DATA SHEET

Introductory Details

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Date of preparation : 23 June 2004
Date revised : 24 December 2007

SECTION 1 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1.1 Product Details

Product Name : NEOPEACE-F101
Trade Name : NEOPEACE-F101
Chemical Name : -
Chemical Formula : -
Molar Mass : -
Chemical Family : -
Manufacturer's Code : -
Use : Aerosol spray glue to attract and trap flying insect pest

1.2 Company Identification

Manufacturer

Name and Address : Agricultural Chemical (M) Sdn. Bhd.
962, Lorong Perusahaan 8, Taman Perindustrian Perai,
13600 Perai, Pulau Pinang, Malaysia.
Telephone Number : 604-390 7988
Emergency Telephone Number : 604-390 7988

1.3 Contact Point

Designation : Ms. Cheong Wai Ching, Product Support Manager /
En. Ahmad Labib bin Yusof, Administrative Assistant
Tel. No. : 604-390 7988

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SECTION 2 : COMPOSITION/INFORMATION ON INGREDIENT

Chemical Name	CAS No.	Proportion	Exposure Limit	Toxicity Data
Spray glue	9003-29-6	32%	No data available	Refer to Section 11
Methyl eugenol	-	3%		
Propellent	-	< 60%		
Solvent	110-54-3	Balance		

SECTION 3 : PHYSICAL AND CHEMICAL PROPERTIES

Appearance (Liquid) : Transparent liquid
Odour : Characteristic odour
Solubility : Soluble in petroleum solvents, chlorinated hydrocarbons.
Insoluble in ketone, alcohol, water.
Boiling Point (Liquid) : 70 °C
Melting Point (°C) : No data available
Vapour Pressure (mm of Hg at 25°C) : No data available
Percentage Volatiles : No data available
Evaporation Rate : No data available
Vapour Density : No data available
Specific Gravity : No data available
Flash Point : - 28.5°C
Autoignition temperature : No data available
Flammable limit (%) : No data available
Density (Liquid) : 0.6 g/ml

SECTION 4 : HAZARD IDENTIFICATION

Highly flammable
Harmful by inhalation
Irritating to eyes and skin
Danger of serious damage to health by prolonged exposure

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SECTION 5 : FIRST AID MEASURES

Ingestion : Seek medical attention immediately. Do not induce vomiting.
Eye contact : Immediately flush with plenty of water for at least 15 minutes. Get medical attention.
Skin contact : Remove contaminated clothing and wash skin thoroughly with soap and water.
Inhalation : Remove patient to fresh air, keep warm and at rest. Seek medical attention immediately. If respiration stops or it is weak, warm clothes and give artificial respiration after ensure air passage.
Notes to physician : Treatment is symptomatic. Poisoning symptom is unspecific.

SECTION 6 : FIRE FIGHTING MEASURES

Extinguishing Media : Foam, CO₂, dry chemical powder. Water is only suitable for small fire.
Fire fighting instruction : For a fire in surrounding area, apply water to cool and protect surrounding equipment. Remove containers, if feasible, from the fire area to safe place immediately. Fight fire from windward. Fire fighters should wear full-faced self contained breathing apparatus and protective clothing.
Special hazards : None

SECTION 7 : ACCIDENTAL RELEASE MEASURE

Leak and/or Spill :
Wear protective clothing as indicated in Section 8. Evacuate non essential personnel. Keep all sources of ignition away from the spillage. No flares, smoking or flames in the area immediately. Contain and adsorb the spillage with inert material such as clay or earth. Collect into waste container. Wash the contaminated area with a little water and detergent. Contain and adsorb with inert material and collect into the same container for disposal. Prevent the spillage from entering local drainage system.

SECTION 8 : HANDLING AND STORAGE

Handling : Wear respiratory mask, protective gloves and goggles while handling. Read the label before use.
Storage : Keep in original container, tightly closed, in a cool, dry and well-ventilated place, out of reach of children and farm animals. Keep away from foodstuffs and animal feeds. Keep away from heat and open flame.

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SECTION 9 : EXPOSURE CONTROL AND PERSONAL PROTECTION

- a. Exposure Limit :
- Solvent
ACGIH TWA (8h) : 50 ppm (176 mg/m³)
Experimental studies with animals indicate the possibility of adverse systemic effects on the nervous system and on the kidneys as a result of exposure to this solvent.
- Isomer of solvent
ACGIH TWA (8h) : 500 ppm (1760 mg/m³)
STEL : 1000 ppm (3500 mg/m³)
- b. Engineering measures : Local exhaust ventilation
- c. Personal protection : Wear respiratory mask, protective gloves and goggles while handling.

SECTION 10 : STABILITY AND REACTIVITY

- Conditions to avoid : Direct sunlight, heat or extreme temperature
- Incompatible : Strong oxidizing agent
- Decomposition Products : None
- Hazardous polymerization : None
- Stability : Stable under normal conditions.

SECTION 11 : TOXICOLOGICAL INFORMATION

- Toxicity Data :
- Spray glue
Acute Oral LD₅₀ : (Rat) 28,710 mg/kg
(Mouse) # 68.9 g/kg
Eye Irritation : (Rabbit) Slightly
Almost no irritation to human

- Carcinogenicity : No data available
- Reproductive Effect : No data available
- Effects of overexposure : No data available
- Chronic effects : No data available
- Target organs : No data available
- Medical Conditions Generally Aggravated by Exposure : No data available

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SECTION 12 : ECOLOGICAL INFORMATION

Mobility & Bioaccumulation : No data available
Biodegradability : No data available
Aquatic Toxicity : No data available

SECTION 13 : DISPOSAL INFORMATION

Dispose of according to local regulation.

SECTION 14 : TRANSPORT INFORMATION

Follow the precaution indicated in the storage and handling section. Follow all regulations in your country.

SECTION 15 : REGULATORY INFORMATION

CPL Regulations : Class - Highly Flammable, Harmful, Irritant

Risk Phrases : R11 Highly flammable
R20 Harmful by inhalation
R36/38 Irritating to eyes and skin
R48 Danger of serious damage to health by prolonged exposure

Safety Phrases : S2 Keep out of reach of children
S9 Keep container in a well ventilated place
S13 Keep away from food, drink and animal feeding stuff
S16 Keep away from source of ignition - No Smoking

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SECTION 16 : OTHER INFORMATION

Reference : (a) Material Safety Data Sheet - NEOPEACE-F101
Date : 29-8-00

- (b) Guidelines for The Classification of Hazardous Chemicals, DOSH 1997
- (c) Guidelines for The Formulation of A Chemical Safety Data Sheet, DOSH 1997
- (d) Guidelines for Labelling of Hazardous Chemicals, DOSH 1997

To the best of our knowledge, the information contained herein is accurate. However, we cannot assume any liability whatsoever for the accuracy or completeness of the information contained herein.