



SAFETY DATA SHEET

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Revised edition no : 01

P-119 DEODORANT BALL

Effective Date: 25/7/2024

1 Identification of the Product and the company

Chemical Name : Deodorant Ball
Type of product chemical family : Naphthalene
Use : Insecticide / larvicide
Distributor : TLC-KOYA CHEMICALS MANUFACTURING SDN BHD
No.22 & 23, Jalan Maju 1,
Cemerlang Industrial Estate,
81800 Ulu Tiram, Johor, Malaysia.
Tel: 607-8675798 Fax: 607-8675799
Website: www.koyachemicals.com Email: admin@koyachemicals.com

Emergency phone no. : See distributor

2 Hazard(s) Identification

Classification of the substance or mixture

Physical hazards Not Classified
Health hazards Eye Irrit. 2 -H319 Carc. 2-H351
Environmental hazards Aquatic Acute 1- H400 Aquatic Chronic 1-H410

Label elements

Pictogram



Signal Word Warning

Hazard statements H319 Causes serious eye irritation
H351 Suspected of causing cancer
H410 Very toxic to aquatic life with long lasting effects.

Precaution Statements

P201 Obtain special instruction before use
P202 Do not handle until all safety precautions have been read and understood.
P264 Wash contaminated skin thoroughly after handling.
P273 Avoid release to the environment.
P280 Wear protective gloves/protective clothing/eye protection/ face protection
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 If exposed or concerned: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P391 Collect spillage
P405 Store locked up
P501 Dispose of contents/container in accordance with national regulations.

Contains 1,4-dichlorobenzene

Other hazards

This product does not contain any substances classified as PBT or vPvB.

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3 Composition / Information on Ingredients

Mixtures

1-4,-dichlorobenzene	>60%
CAS number:106-46-7	
M factor (Acute) = 1	M factor (Chronic) = 1

Classification

Eye Irrit. 2A- H319
Carc. 2 - H351
Aquatic Acute 1 - H400
Aquatic Chronic 1 - H410

The full text for all hazard statements is displayed in Section 16

4 First Aid Measures

Description of first aid measure

General information	Get medical attention if any discomfortable continues.Show this Safety Data Sheet to the medical personnel.
Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Loosen tight clothing such as collar, tie or belt.Get medical attention if symptoms are severe or persist.
Ingestion	Rinse mouth thoroughly with water. Get medical advice/attention if you feel unwell. Do not induce vomiting unless under the direction of medical personnel.
Skin Contact	Rinse with water.
Eye Contact	Rinse with water.Do not rub eye.Remove any contact lenses and open eyelids wild apart. Get medical attention if any discomfort continues.
Prptection of first aiders	First aid personnel should wear appropriate protective equipment during any rescue.

New category

Most important symptoms and effects, both acute and delayed

General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.
Inhalation	Prolongend or repeated exposure may cause the following adverse effects: Suspected of causing cancer.
Ingestion	Prolongend or repeated exposure may cause the following adverse effects: Suspected of causing cancer.
Skin contact	Prolongend contact may cause dryness of the skin. Prolonged or repeated exposure may cause the following adverse effects:Suspected of causing cancer
Eye contact	Irritating to eyes.

Indication of any immediate medical attention and special treatment needed

Notes for the doctor	Treat symptomatically.
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5 Fire-Fighting Measures

Extinguishing Media

Suitable extinguishing media The product is not flammable. Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.

Unsuitable extinguishing media Do not use water jet as an extinguisher, as this will spread the fire .

Special hazards arising from the substance or mixture

Special hazards None known.

Hazards combustion products Thermal decomposition or combustion product may include the following substances: Harmful gases or vapours.

Advice for firefighters

Protective actions during firefighting Avoid breathing fire gases or vapours. Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. Avoid discharge to the aquatic environment. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.

6 Accidental Release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet. No action shall be taken without appropriate training or involving any personal risk.

Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground. Avoid discharge to the aquatic environment.

Method and material for containment and cleaning up

Methods for cleaning up Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Collect spillage with a shovel and broom, or similar and reuse, if possible. Collect and place in suitable waste disposal containers and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. Dangerous for the environment. Do not empty into drains. For waste disposal, see Section 13.

Reference to other sections

Reference to other sections For personal protection, see Section 8. See Section 11 for additional information on health hazards. See Section 12 for additional information on ecological hazards. For waste disposal see Section 13

7 Handling and Storage, including how the chemical maybe safety used.

Precautions for safe handling

Usage precautions Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Keep container tightly sealed when not in use. Suspected of causing cancer. Avoid discharge to the aquatic environment. Do not handle until all safety precautions have been read and understood. Do not reuse empty containers.

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Advice on general occupational hygiene

Wash promptly if skin becomes contaminated. Take off container tightly closed and wash before reuse. Wash contaminated clothing before reuse.

Conditions for safe storage, including any incompatibilities

Storage precautions

Store locked up. Keep only in the original container. Keep container tightly closed, in a cool, well ventilated places. Keep containers upright. Protect containers from damage .

Storage class

Miscellaneous hazardous material storage.

Specific end use(s)

Specific end use(s)

The identified uses for this product are product are detailed in Section 1.2.

8 Exposure controls / personal protection

Control parameters

Exposure controls

Protective equipment



Appropriate engineering control

Provide adequate general and local exhaust ventilation. Ensure the ventilation system is regularly maintained and tested. Good general ventilation should be adequate to control worker exposure to airborne contaminants. Observe any occupational exposure limits for the product or ingredients.

Eye/Face protection

Wear tight-fitting, chemicals splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

Hand protection

No specific hand protection recommended. Avoid contact with skin.

Other skin and body protection

Wear appropriate clothing to prevent repeated or prolonged skin contact .

Hygiene measure

Wash hands thoroughly after handling. Wash at the the end of each work shift and before eating, smoking and using the toilet. Do not eat, drink or smoke when using this product.

Respiration protection

Ensure all respiratory protective equipment is suitable for its intended use. Check that the respirator fits tightly and the filter is changed regularly.

Environmental exposure controls

Keep container tightly sealed when not in use. Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

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9 Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Crystalline soild
Colour	Lavender
Odor	Characteristic.
Specific Gravity	1.46
Melting point	53°C
Flash point	65°C CC (Closed cup)
Auto-ignition temperature	413°C
Volatile By Vol.(%)	100

10 Stability and reactivity

Reactivity	There are no known reactive hazards associated with this product.
Stability	Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions.
Possibility of hazardous reaction	No potentially hazardous reactions known.
Conditions to avoid	There are no known conditions that are likely to result in a hazardous situation .
Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
Hazardous decomposition	Does not decompose when use and stored as recommended. Thermal decomposition or combustion products may include the following substance: Harmful gases or vapours

11 Toxicological information

Information on toxicological effects

Acute toxicity - oral

Notes (oral LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity -dermal

Notes (dermal LD₅₀) Based on available data the classification criteria are not met.

Acute toxicity-inhalation

Notes (inhalation LC50) Based on available data the classification criteria are not met.

Skin corrosion/irritation

Animal data Based on available data the classification criteria are not met.

Serious eye damage/irritation

Serious eye damage/irritation Causes serious eye irritation.

Respiratory sensitisation

Respiratory sensitisation Based on available data the classification criteria are not met.

Skin sensitisation

Skin sensitisation Based on available data the classification criteria are not met.

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Germ cell mutagenicity

Genotoxicity - in vitro

Based on available data the classification criteria are not met.

Carcinogenicity

Carcinogenicity

Suspected of causing cancer.

IARC carcinogenicity

None of the ingredients are listed or exempt.

Reproductive toxicity

Reproductive toxicity-fertility

Based on available data the classification criteria are not met.

Reproductive toxicity-development

Based on available data the classification criteria are not met.

Specific target organ toxicity-single exposure

STOT - single exposure

Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity-repeated exposure

STOT - repeated exposure

Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Aspiration hazard

Not relevant solid.

General information

May cause cancer after repeated exposure. Risk of cancer depends on duration and level of exposure. The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation

No specific symptoms known.

Ingestion

No specific symptoms known.

Skin Contact

Prolonged contact may cause dryness of the skin.

Eye contact

Irritating to eyes

Route of entry

Ingestion Inhalation Skin and/ or eye contact.

Target Organs

No specific target organs known.

12 Ecological information

Toxicity

Aquatic Acute 1 -H-400 Very toxic to aquatic life. Aquatic Chronic 1-H410 Very toxic to aquatic life with long lasting effects.

Persistence and degradability

Persistence and degradability

The degradability of the product is not known.

Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

Mobility in soil

Mobility

No data available.

Results of PBT and vPvB assessment

Other adverse effects

Other adverse effects

None known

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13 Disposal Considerations

Waste treatment methods

General information

The generation of waste should be minimised or avoided wherever possible. Reuse recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Disposal methods

Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

14 Transport information

General

For limited quantity packaging/limited load information, consult the relevant modal documentation using the data shown in this section.

UN number

UN No.(ADG) 3077
UN No.(IMDG) 3077
UN No.(ICAO) 3077

UN proper shipping name

Proper shipping name(ADG)

ENVIROMENTALLY HAZARDOUS SUBSTANCE,SOLID,N.O.S(CONTAINS 1,4-dichlorobenzene)

Proper shipping name(IMDG)

ENVIROMENTALLY HAZARDOUS SUBSTANCE,SOLID,N.O.S(CONTAINS 1,4-dichlorobenzene)

Proper shipping name(ICAO)

ENVIROMENTALLY HAZARDOUS SUBSTANCE,SOLID,N.O.S(CONTAINS 1,4-dichlorobenzene)

Transport hazard class(es)

ADG class 9
ADG Classification code M7
ADG label 9
IMDG class 9
ICAO class/division 9

Transport labels



Packing group

ADG packing group III
IMDG packing group III
ICAO packing group III

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Environmental hazards

Environmentally hazardous substance/marine pollutant



Special precautions for user

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

EmS F-A-,S-F

Hazchem Code 2Z

Transport in bulk according to Annex II of MAPROL 73/78 and the IBC Code Not applicable.

15 Regulatory Information

Classification and labeling	: Classification /symbol - not regulated
Governing directive	: Occupational Safety and Health (Classification, Packaging and Labeling of Hazardous Chemicals) Regulations 1997
Safety advice	: (May contain information in excess of requirements under applicable laws.
P201	Obtain special instruction before use
P202	Do not handle until all safety precautions have been read and understood.
P264	Wash contaminated skin thoroughly after handling.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/ face protection
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	If exposed or concerned: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P391	Collect spillage
P405	Store locked up
P501	Dispose of contents/container in accordance with national regulations.

16 Other information

Further information : None
Print date : 25/7/2024

N/A - Not Applicable N/D - Not Determined

All recommendations for the use of our products, whether given by us in writing, orally, or to be implied from data or test results obtained by us, are based on the current state of our knowledge at the time such recommendations are made. When additional information is obtained, these recommendations may be updated. They may also be influenced by circumstances outside our control. Notwithstanding such recommendations, the user is responsible to determine that the product as supplied by us, is suitable for the process or purpose he intends to use it. The user of the product is solely for compliance with all laws and regulation applying to the use of the product. Since we cannot control the application, use or processing of the products, we do not accept responsibility therefore. The user shall ensure that the intended use of the products will not infringe in any party's intellectual property rights.

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