

BUILDER BASE**PRE-CONSTRUCTION TERMITE PRESERVATIVE FOR BUILDER'S INSECTISIDE**CHEMICAL PRODUCT IDENTIFICATION

PRODUCT NAME: MATERIAL FOR TERMITE CONTROL FOR SOIL TREATMENT

CHEMICAL FAMILY: Alkali Based insecticide

FORMULA: OH-15.8.10-6cm³/mol¹(aq)

PRODUCT USE: Pre construction for builder's insecticide

COMPOSITION/INFORMATION ON INGREDIENTS:

INGREDIENT NAME: SODIUM HYDROXIDE LIQUID

CONCENTRATION (95%)

HAZARDOUS INGREDIENTS 2.bg/cm³

PERMISSIBLE EXPOSURE

LIMIT PEL = 0.005mg/m³

THRESHOLD LIMIT VALUE (TLV) = 0.05 mg/m³

1. HAZARD IDENTIFICATION:**EMERGENCY OVERVIEW****CAUTION**

COLOR: Pearl yellow colour liquid

Odor: Nearby strong: Health

Hazard: if absorbed through skin:

Causes eye irritation, Harmful

If swallowed.

Chemical Safety (Sodium Dichromate)

Oxidizer Corrosive Acute Toxic

Irritant Health Hazard

Environmental Hazard

Label Element

Toxic of Swallowed

Avoid release to environment

Toxic to aquatic life

Acute toxicity (Oral)

Acute Toxicity Inhalation

Acute Toxicity Dermal

Skin Corrosion

Serious damage to eye

Reproductive toxicity

2. POTENTIAL HEALTH EFFECTS:

Sodium dichromate primarily effects the respiratory system causing ulceration, shorten of breath, bronchitis, pneumonia, asthma. It effects gastro intestinal tract liver, kidney and immune system highly corrosive, known carcinogen increased rush of developing lung cancer.

Discomfort in the body during use and its remedy

a.If it gets into the eyes, it will cause severe burning and immediately wash thoroughly with clean water (get immediate medical attention)

b.If it is spread on the skin of the body, it will start to feel stretchy and puffy within a short time, and if you wash it with clean water, there is a solution to this problem (get immediate medical attention)

c.Rubber gloves, goggles, pant and full sleeve shirt should be used (Use personal protective equipment)

**3.ACCIDENTAL RELEASE MEASURES
SPILL OR LEAK PROCEDURES**

Leakage or leakage measures

•Isolate the area

•Keep unauthorized people away

•Do not walk through spilled material

•Avoid inhalation and skin contact Wear covered glasses to eliminate eye strain Wear glass on your hands and rubber boot on your feet

•In case of leakage, collect in in HD plastic containers

•Clean the contaminated area with absorbent granular soil, sand, etc...

•Small spills can be absorbed with absorbent granules, spill control pads or any absorbent material aspirated solution can be transferred into sealed HDPE containers for reuse or disposal

•Do not allow any to enter other water sources, such as wells and drains, if leakage occurs

•A spill on a surface like smooth tiles can be slippery only enter there by lining up thick sacks or carton boxes

•Exposure to 15 mg/m³ Sodium dichromate – Immediate danger to life

FEATURES IN BUILDER BASE

•It is an alkali based liquid insecticide

•It works in the soil against the termite for years

•Builder base is characterized by less side effects compared to other toxic insecticides

•Builder Base is available in the ready-to-use form

4.USE AND STORAGE

>Can occur for any length of time in any normal temperature and climate

>Can be collected in any storage specially designed for pesticides

5.First aid Measures

1.Inhalation: Immediate medical attention MSDS

2.Environmental Hazards Do not discharge effluent

containing the product into lakes, streams, ponds, oceans or other water bodies.

3.If it gets into the eyes, it will cause severe burning and immediately wash thoroughly with clean water (get immediate medical attention)

4.If it is spread on the skin of the body, it will start to feel stretchy and puffy within a short time, and

if you wash it with clean water, there is a solution to this problem (get immediate medical attention)

5.Rubber gloves, goggles, pant and full sleeve shirt should be used (Use personal protective equipment)

6.KEY STEPS TO USE BUILDER BASE TO PREVENT TERMITES

I.Before concreting the ground in the buildings, all the four sides of the rooms are dug 8 wide and 6 deep and filled well and spray it, then cover it and fix it, then spray the entire area of the room with builder base and then concrete the floor

II.In drilling holes where wooden materials are to be fitted to the wall, the builder base should be applied in a syringe and then fitted only

7.PERSONAL PROTECTION

Wear gloves, mask, glasses, rubber shoes, and keep clean water in the palm of your hand

8.PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL FORM: Liquid

APPEARANCES: Strong liquid

COLOUR: Perl yellow colour

PH: 14.0

SOLUBILITY IN WATER: 100%

SPECIFIC GRAVITY: 20°C (68°F)

STABILITY AND REACTIVITY

STABILITY: This is a stable material

9.HAZARDOUS POLIMERIZATION:

Will not occur

INSTABILITY CONDITIONS: Not established

DECOMPOSITION PRODUCTS: Not established

Fire Hazards

Strong oxidizer that enhancer combustion, use water only poisonous gases are produced on fire.

10.ECOLOGICAL INFORMATION

This product is highly toxic to fish and aquatic invertebrates. Builder base will provide a summary of specific data upon written

request. As with any pesticide, this product should be used according to label directions and should be kept out of streams, lakes and other aquatic habitats of concern. In event of a spill emergency, call 8892060708.

11.DISPOSAL CONSIDERATIONS WASTE DISPOSAL METHOD: Cans can be washed thoroughly after use and reused or recycled

TRANSPORTATION INFORMATION FREIGHT CLASS PACKAGE:

Insecticides, NOI, NMFC 102100 PRODUCT LABEL: BUILDER BASE DETAILS

REGULATORY RESOURCES

Section 302 does not contain extremely hazardous substances The listed ingredients do not cause serious health problems However under RC VI it is the responsibility of the product consumer to determine at that time

12.TERMS OF USE

1.Builder base Solution Primer is convenient to use as needed with a roller, sprayer, brush and syringe

2.The product should be used directly to get 100% results do not add other solvents or water

3.Use the product only following the recommended precautions

4.It is specially formulated to treat soil in buildings

5.Prevents termites permanently

OTHER DETAILS

This information is stated as implied without warranty. The data on this seat relates only to the specific material except that it is accurate to the best of builder base knowledge Here Builder Days assumes no legal responsibility for the use or reliance on this data Here Builder base assumes no legal responsibility for the use or reliance on this data.

Verified By:

Prof.DERRY,
Dpt of Chemistry,
Calicut University

