

MATERIAL SAFETY DATA SHEET (MSDS) BUILDER BASE**PRE-CONSTRUCTION TERMITE PRESERVATIVE FOR BUILDER'S INSECTICIDE****1. CHEMICAL PRODUCT IDENTIFICATION**

PRODUCT NAME: Termite
Material control for soil
treatment

CHEMICAL FAMILY: Alkali
Based insecticide

PRODUCT USE: Pre-construction for builder's insecticide



Sodium chromate in NaOH
Builder Base

2. COMPOSITION/INFORMATION ON**INGREDIENTS:**

INGREDIENT NAME: SODIUM HYDROXIDE

CONCENTRATION (95%)

HAZARDOUS INGREDIENT Sodium bichromate: 0.027M

PERMISSIBLE EXPOSURE LIMIT PEL = 0.1mg/m³

THRESHOLD LIMIT VALUE (TLV) = 0.05 mg/

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

COLOR: Pearl yellow color liquid

Odor: Nearby intense: Health
Hazard: if absorbed through the
skin: Causes eye irritation,
Harmful If swallowed.

Chemical Safety: (Sodium
Dichromate)

Oxidizer Corrosive Acute Toxic
Irritant Health Hazard
Environmental Hazard

Label Element Toxic when
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

POTENTIAL HEALTH

EFFECTS:

Sodium dichromate primarily
effects the respiratory system
causing ulceration, shortness of
breath, bronchitis, pneumonia,
and asthma. It affects gastro
intestinal tract liver, kidney, and
immune system highly corrosive,
known carcinogen that increases
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, pants,
and full sleeve shirt should be
used (Use personal protective
equipment)

ACCIDENTAL RELEASE
MEASURES SPILL OR LEAK
PROCEDURES

Leakage or leakage measures

• Isolate the area

• Keep unauthorized people away

• Do not walk through spilled

• 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 only 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
thereby lining up thick sacks or
carton boxes

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

FEATURES IN BUILDER BASE
(claimed by owners)

• 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

• BuilderBase is available in the
ready-to-use form

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
First aid Measures

1. Inhalation: Immediate
medical attention

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,
pants and full sleeve shirt
should be used (Use personal
protective equipment)

KEY STEPS TO USE BUILDER
BASE TO PREVENT
TERMITE

I. Before concreting the ground in
the buildings, all four sides of the
rooms are dug 8 wide and 6 deep
and filled well and sprayed it,
then cover it and fix it, then spray
the entire area of the room is with
builder base and then concrete the
floor Plastering only after
completing the wiring plumbing
work in the trenches and on both
sides of the wall up to window
height after builder base coating.
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

PERSONAL PROTECTION

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

PHYSICAL AND

CHEMICAL PROPERTIES

PHYSICAL FORM: Liquid

APPEARANCE: Strong

liquid COLOUR: Perl

yellow color PH: 14.0

SOLUBILITY IN WATER: 100%

SPECIFIC GRAVITY: 20°C

(68°F) STABILITY AND

REACTIVITY

STABILITY: stable material

HAZARDOUS

POLYMERIZATION:

Will not occur

INSTABILITY CONDITIONS:

Not established

DECOMPOSITION PRODUCTS:

Not established Fire Hazards

Strong oxidizers, enhances
combustion, use water only
poisonous gases produced on fire.

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.

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

The listed ingredients if in direct
contact, will only cause serious
health problems, so it is
the responsibility of the
product consumer to use it as
instructed.

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 the soil in buildings
Prevents termites permanently
(claimed by the owners)

OTHER DETAILS

This information is stated as
implied without warranty. The
data on this sheet relates only to the
specific material except that it is
accurate to the best of builder base
knowledge Here, Builder base and
the University of Calicut assume
no legal responsibility for using or
relying on this data.

The MSDS prepared by Qamer
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corrected through a literature
survey, as part of the consultation
agreement with the University of
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