

SAFETY DATA SHEET

MYCLOBUTANIL 10% WP (BOON)

Page 1 of 5
 Issued date: 22.10.2021
 Revised date: 04.08.2023
 Revision No: 01
 Ref: IIL/MYBNL10WP

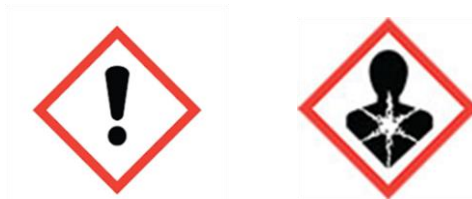
1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY / UNDERTAKING

Product name:	MYCLOBUTANIL 10% WP
Use / description of product:	Use as an agricultural/horticultural fungicide
Company name:	INDOFIL INDUSTRIES LIMITED Kalpataru Square, 4th Floor, Kondivita Road, Off. Andheri Kurla Road, Andheri (E), Mumbai 400 059, Maharashtra, India. Email: customercare@indofil.com Toll Free No.: 1800-120-003-004

2. HAZARDS IDENTIFICATION

GHS Classification

Hazard Symbol



Single Word

WARNING

Hazard statements:

H303 May be harmful if swallowed.
 H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H361 Suspected of damaging fertility or the unborn child.
 H373 May cause damage to organs through prolonged or repeated exposure.
 H412 Harmful to aquatic life with long lasting effects

Precautionary statements:

P102 Keep out of reach of children.
 P201 Obtain special instructions before use.
 P264 Wash hands and face thoroughly after handling.
 P270 Do not eat, drink or smoke when using this product.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P331 Do NOT induce vomiting.
 P391 collect spillage.
 P501 Dispose of contents/container in accordance with current waste regulations.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical name	CAS	%
Active ingredient (Myclobutanil)	88671-89-0	10
Other ingredients	-----	QS to make up 100

4. FIRST AID MEASURE

Most Important symptoms and effects, both acute and delayed

Skin contact

Promptly wash the contaminated skin using soap or water, remove the affected clothing and wash the skin with soap and

SAFETY DATA SHEET
MYCLOBUTANIL 10% WP
(BOON)Page 2 of 5
Issued date: 22.10.2021
Revised date: 04.08.2023
Revision No: 01
Ref: IIL/MYBNL10WP

water.

Eye contact

Flush with plenty of water for atleast 15 minutes. Seek medical attention if irritation begins and / or persists.

Ingestion

There may be soreness and redness of the mouth and throat

Description of first aid measures**In general**

Never give fluids or induce vomiting if patient is unconscious or is having convulsions.

After Ingestion

Do not induce vomiting. Provided the patient is conscious, wash mouth with water and give plenty of water to drink. Consult a physician. The decision of whether to induce vomiting or not should be made by a physician.

After eye contact

Flush eyes thoroughly with water for several minutes. Remove contact lenses after initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

After skin contact

Immediately wash skin with soap and plenty of water. Consult a physician if irritation develops.

After Inhalation

Remove to fresh air. Consult a physician if irritation develops

Indication of any immediate medical attention and special treatment needed

Supportive care. No specific antidote. Treatment based on judgement of physician, in response to symptoms of patient.

5. FIRE-FIGHTING MEASURES**Extinguishing media:**

Water spray. Carbon dioxide. Dry chemical powder.

Exposure hazards:

May form flammable / explosive dust-air mixture. In combustion emits toxic fumes of sulphur Oxides, nitrogen oxides, carbon dioxide / carbon monoxide.

Protection of fire-fighters:

Wear self-contained breathing apparatus. Run-off from fire

control may be a pollution hazard. If area is not too heavily exposed to fire, and if conditions permit, let fire burn itself out, since water may increase the contamination hazard.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions:**

Eliminate all sources of ignition. Do not create dust.

Environmental precautions:

Do not discharge into drains or rivers. Contain the spillage using bunding.

Clean-up procedures:

Transfer to a closable, labelled salvage container for disposal by an appropriate method.

Do not use equipment in clean-up procedure which may produce sparks.

7. HANDLING AND STORAGE**Handling requirements:**

Ensure there is sufficient ventilation of the area. Smoking is forbidden. Use non-sparking tools.

When handling do not eat, drink or smoke.

Storage conditions:

Store in cool, well ventilated area. Keep away from sources of

SAFETY DATA SHEET
MYCLOBUTANIL 10% WP
(BOON)Page 3 of 5
Issued date: 22.10.2021
Revised date: 04.08.2023
Revision No: 01
Ref: IIL/MYBNL10WP

ignition. Keep container tightly closed. Keep in original containers, out of reach of children. Never allow the product to become wet during storage. This may lead to chemical changes, which will reduce the effectiveness as a fungicide and could create flammable vapours.

Suitable packaging:

Must only be kept in original packaging.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Engineering measures:**

Ensure there is sufficient ventilation of the area. Ensure lighting and electrical equipment are not a source of ignition.

Respiratory protection:

Wear approved respirator.

Hand protection:

Protective gloves

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Eye protection:

Safety goggles.

Skin protection:

Mixers and loaders must wear overalls, protective goggles and chemical-resistant apron.

Applicators and other handlers must wear overalls, goggles and waterproof gloves. Any clothing or other absorbent material which has been drenched or heavily contaminated must be discarded.

9. PHYSICAL AND CHEMICAL PROPERTIES**State:**

Solid

Colour:

White to Off white

Odour:

Characteristic

Solubility in water:

Forms suspension in water

pH

6 - 8

Flash Point

No data

10. STABILITY AND REACTIVITY**Stability:**

Stable under normal conditions.

Conditions to avoid:

Acids and moisture (in storage)

Hazardous decomp. products:

Exposure to elevated temperatures can cause product to decompose.

11. TOXICOLOGICAL INFORMATION**Hazardous ingredients:**

MYCLOBUTANIL

Acute toxicity (Assessment largely or completely based on data for active substance)Acute Oral LD₅₀ (Rat)

> 5000 mg/kg (rat)

Acute Dermal LD₅₀ (Rat)

> 5000 mg/kg (rat)

EYE Irritation (Rabbit)

4240 mg/kg

SKIN Irritation (Rabbit)

non irritant

Skin Sensitization (Guinea Pig)

non sensitizing to Guinea pig

12. ECOLOGICAL INFORMATION

Ecotoxicity: (Assessment largely or completely based on data for active substance)

Aquatic toxicity :

Material is harmful to aquatic organisms.

Fish

LC₅₀ (96 h,)

Oncorhynchus 2 mg/l (96h), Mirror carp

Honey Bees LD 50

No data

Environmental Fate

Persistence and Degradability:

Myclobutanil in soils, has a half-life of 66 days (loamy soils). It decomposes with compounds based on highly polar triazoles, which are subjected to further degradation by ring breakage. Under anaerobic conditions it is not degraded. In aqueous solutions is decomposed by light, it has a DT50 of 222 days in sterile water, sterile water 0.8 days in sensitized, and 25 days in water. There is hydrolysed at 28°C, in 28 days at pH 5.7 and approximately 6-20 days.

Bio-accumulation potential:

Bio-concentration potential is low.

Mobility in soil:

Soil adsorption K_{oc} 224-920 ml/g (mean 517 ml/g). Stable to both hydrolysis and photolysis, but dissipates rapidly from water to sediment with DT50 4-20d (lab., 20°C) in river and pond water systems. The product must not be allowed to go into sewers or waterways. Prevent penetration into the ground..

13. DISPOSAL CONSIDERATIONS

Disposal operations:

Do not contaminate water, food or feed by disposal. Wastes resulting from the use of this product may be disposed of at an approved waste disposal facility.

Disposal of packaging:

Dispose of in a regulated landfill site or other method for hazardous or toxic wastes.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

14. TRANSPORT INFORMATION

U.S> Department of Transportation (DOT)

Bulk

UN no:

3082

Shipping name:

Myclobutanil 10% WP, Environmentally Hazardous Substance, solid, n.o.s.

Hazard Class:

9

Packing group:

III

Land Transport (ADR / RID)

UN no:

3082

Shipping name:

Myclobutanil 10% WP, Environmentally Hazardous Substance,

solid, n.o.s.

Hazard Class:

9

Packing group:

III

Marine Transport (IMDG / IMO)

UN no:

3082

Shipping name:

Myclobutanil 10% WP, Environmentally Hazardous Substance, solid, n.o.s.

Hazard Class:

9

Packing group:

III

Marine pollutant:

Yes

SAFETY DATA SHEET
MYCLOBUTANIL 10% WP
(BOON)

Page 5 of 5
Issued date: 22.10.2021
Revised date: 04.08.2023
Revision No: 01
Ref: IIL/MYBNL10WP

EmS: F-A, S-F

Air transport (IATA / ICAO)

UN no: 3082
Shipping name: Myclobutanil 10% WP, Environmentally Hazardous Substance, solid, n.o.s.
Hazard Class: 9
Packing group: III
Cargo Packing instructions:

15. REGULATORY INFORMATION

Risk Symbol : Xi



Xi - Irritant Risk Phrases

R36 – Irritating to eyes
R37 - Irritating to respiratory system.
R38 – Irritating to skin
R43 - May cause sensitisation by skin contact

Note: The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16. OTHER INFORMATION

Legal disclaimer:

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.