

Trifluralin

SECTION 1 – IDENTIFICATION OF THE SUBSTANCE AND COMPANY

PRODUCT NAME: Trifluralin
DESCRIPTION: An emulsifiable concentrate containing 480g/l Trifluralin

ADDRESS: PORTMAN AGROCHEMICALS LIMITED
 Maidenstone Heath
 Blundell Lane
 Bursledon
 Southampton
 England
 SO31 1AA

TELEPHONE: 023 8040 6640

SECTION 2 – COMPOSITION / INFORMATION ON INGREDIENTS

C.A.S. NUMBER:	COMPONENT (S)	% W/W
1582-09-8	Trifluralin	46
63231-51-6	Aromatic Solvent	

SECTION 3 – HAZARDS IDENTIFICATION

- **IRRITATING** to eyes, skin and respiratory system.
- **HARMFUL** to fish and other aquatic life.
- **FLAMMABLE**

SECTION 4 – FIRST AID MEASURES

INGESTION: If swallowed seek medical advice immediately and show the container, label or this data sheet.

SKIN CONTACT: Wash skin immediately with soap and water. If irritation persists, seek medical attention.

EYE CONTACT: Flush continuously with clean water for 15 minutes. Seek medical attention

INHALATION: Seek medical advice immediately and show the container, label or this data sheet

GENERAL ADVICE: Remove the patient to a place away from any further exposure and in fresh air. Remove any contaminated clothing and allow the patient to rest.

KEEP PATIENT AT REST AND TREAT SYMPTOMATICALLY

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SECTION 5 – FIRE FIGHTING MEASURES

Hazards:	This product FLAMMABLE .
Extinguishing Media:	Water, foam, dry chemical, CO ₂ .
Special Fire Fighting PPE:	Firefighters and others that may be exposed to fumes should wear full protective clothing and self-contained breathing apparatus. Equipment should be thoroughly cleaned after use.
Other Procedures:	Spray unopened and undamaged containers with water to keep them cool. If it is possible and safe, remove unopened and undamaged containers from the area of the fire and store in a safe place. Contain the water in bunding or by using a barrier of earth, sand or other suitable absorbent material.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

- Keep the area clear of people and animals
- Avoid any contamination of watercourses
- When dealing with the spillage use the highest level of personal protective clothing, including chemical resistant gloves (Nitrile, PVC or neoprene), coveralls, goggles or faceshield and rubber or PVC boots.
- If after use it is not possible to decontaminate any of the personal protective clothing, dispose of as contaminated waste.
- Where possible contain the spillage with a barrier of earth, sand or other suitable absorbent material. Do not allow spillage to enter drains, sewers or watercourses (including ditches and field drains which may or may not be running)
- If possible, absorb with suitable absorbent medium. Collect in suitable, plastic drums or closed containers which must be clearly marked for collection and disposal by an authorised contractor. Flush area with clean water.
- If spillage enters drains or sewers, contact the water authority. If spillage enters watercourses, contact the Environment Agency immediately.

SECTION 7 – HANDLING AND STORAGE

Handling

- Sensitised workers should avoid contact
- Avoid contact with eyes and skin
- Wear suitable protective gloves and face protection
- Wear respirator if exposed to spray
- Wash concentrate from skin or eyes immediately
- When using do not eat drink or smoke
- Wash hands and exposed skin before meals and after work
- Wash contaminated protective clothing after use, particularly the insides of gloves.
- Do not reuse the container for any other purposes
- Triple rinse drums and empty washings into spray tank.
- Take care not to contaminate surface waters and ditches with chemical or used container.

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Storage

- Keep in a designated pesticide store or warehouse.
- Keep out of reach of children.
- Keep away from food, drink and animal feedingstuffs.
- Keep in original container.
- Protect from frost.

SECTION 8 – EXPOSURE CONTROL/PERSONAL PROTECTION

Personal Protective Equipment

- Eye Protection:** Wear chemical safety goggles or faceshield to prevent eye contact when handling the concentrate.
- Skin Protection:** Wear chemically resistant gloves and protective clothing.
- Respiratory Protection:** Use approved respiratory protection equipment if exposed to spray.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

(Note: N/A = Not Applicable, N/D = Not Determined)

APPEARANCE:	Liquid
COLOUR:	Yellow/Orange
ODOUR:	Typical solvent
pH as supplied	5.5
BOILING POINT:	N/A
FLASH POINT:	>58°C

SECTION 10 – STABILITY AND REACTIVITY

N/A

SECTION 11 – TOXICOLOGICAL INFORMATION

ACUTE TOXICITY:

- **LD50 Oral Rat:** > 5000 mg/kg
- **LD50 Dermal Rat:** > 5000 mg/kg
- **Eye Irritation:** Irritancy studies show the formulation to be irritant to eyes.
- **Skin irritation:** Irritancy studies show the formulation to be irritant to skin.

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SECTION 12 – ECOLOGICAL INFORMATION

- HARMFUL TO FISH AND OTHER AQUATIC LIFE.
- Does not Biaccumulate in aquatic systems.

SECTION 13 – DISPOSAL CONSIDERATIONS

- Dispose of product, concentrate, dilute product and clean empty containers in accordance with local regulations. Empty containers should not be used for other purposes.

SECTION 14 – TRANSPORT INFORMATION

Product Name: Trifluralin
Hazard Warning: Irritating to eyes and skin
Flammable

SECTION 15 – REGULATORY INFORMATION

- N/A

SECTION 16 – OTHER INFORMATION

- N/A