



NEW PACK AGRO CHEM

The Leader in the Field

AN ISO 9001 : 2015 & OHAS : 18001 CERTIFIED COMPANY

MATERIAL SAFETY DATA SHEET

CHLORPYRIFOS 2% RTU (DURMET RTU)

Emergency Phone: 02646 272 917
Plot No.238/1/A, GIDC PANOLI,
TAL- ANKLESHWAR , DIST- BHARUCH,
GUJARAT 394 115.

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Technical Name	CHLORPYRIFOS 2% RTU
Chemical Name of	O, O-Diethyl-O-(3, 5, 6-trichloro -2-pyridiniyl) Phosphorothioate.
Formula	C ₉ H ₁₁ Cl ₃ NO ₃ PS

2.COMPOSITION INFORMATION OF INGREDIENTS

Ingredient	CAS NO	Percentage
Chlorpyrifos RTU	2912-88-2	2%

3. HAZARD IDENTIFICATIONSUMMARY

None

4. FIRST AID AND MEASURES

Eyes

Rinse immediately with water for at least 5 minutes. Get medical attention.

Skin

Wash with plenty of soap and water. Get medical attention if irritation occurs and persists.

Inhalation

Remove to fresh air. If breathing difficulty or discomfort occurs and persists, obtain medical attention.



NEW PACK AGRO CHEM

The Leader in the Field

AN ISO 9001 : 2015 & OHAS : 18001 CERTIFIED COMPANY

MATERIAL SAFETY DATA SHEET

CHLORPYRIFOS 2% RTU (DURMET RTU)

Emergency Phone: 02646 272 917
Plot No.238/1/A, GIDC PANOLI,
TAL- ANKLESHWAR , DIST- BHARUCH,
GUJARAT 394 115.

Ingestion

Rinse mouth with water. Dilute by giving 1 or 2 glasses of water. Do not induce vomiting. Never give anything by mouth to an unconscious person. Sec a medical doctor immediately. .

5.FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Dry powder, CO₂, Halon Water spray, Foam

Unsuitable Extinguishing Media

N.A

Exposure Hazards

Thermal decomposition products may include toxic oxides of Carbon, Sulphur and Phosphorous.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions

Avoid contact with skin, eyes and clothing.

Environmental Precautions

Prevent contamination of soil, drains and surface of water.

Methods for Cleaning

Absorb in inert material and place in suitable and closable container or incinerate it.

7.HANDLING AND STORAGE

Handling:

Do not eat, drink or smoke at the workplace

Storage:

Keep away from food and drink. Store in the original container tightly closed at ambient condition.



NEW PACK AGRO CHEM

The Leader in the Field

AN ISO 9001 : 2015 & OHAS : 18001 CERTIFIED COMPANY

MATERIAL SAFETY DATA SHEET

Emergency Phone: 02646 272 917
Plot No.238/1/A, GIDC PANOLI,
TAL- ANKLESHWAR , DIST- BHARUCH,
GUJARAT 394 115.

CHLORPYRIFOS 2% RTU (DURMET RTU)

8.EXPOSURE CONTROLS/ PERSONAL PROTECTION:

Technical protective measures	None
Exposure control limits	Avoid breathing toxic vapour.
Respiratory protection	Wear suitable mask.
Hand protection	Wear suitable gloves.

Eye protection	Wear suitable goggles or face protection.
Skin protection	Wear overalls and closed footwear.
9.PHYSICAL AND CHEMECIAL PROPERTIES	
Appearance	Homogeneous free flowing liquid free from extraneous.
Boiling Point	156-157°C
Odor	Solvent Odor
Density	0.90 at 25° C
Explosive property	Inflammable
Flash point	above 24.5° C
Solubility in water	2ppm at 25°C
Vapour pressure	0.0000187 mmHg at 25°C
Partition coefficient	50000
Viscosity	90 - 110 cps/50°C



NEW PACK AGRO CHEM

The Leader in the Field

AN ISO 9001 : 2015 & OHAS : 18001 CERTIFIED COMPANY

MATERIAL SAFETY DATA SHEET

Emergency Phone: 02646 272 917
Plot No.238/1/A, GIDC PANOLI,
TAL- ANKLESHWAR , DIST- BHARUCH,
GUJARAT 394 115.

CHLORPYRIFOS 2% RTU (DURMET RTU)

10. STABILITY AND REACTIVITY	
Thermal stability	Decompose
Conditions to Avoid	None
Materials to avoid	Alkaline metals and oxidizing agents.
Hazardous Decomposition	Thermal decomposition products may include toxic products oxides of Carbon, sulphur and Phosphorous
11. TOXICOLOGICAL INFORMATION	
Acute LD ₅₀ Oral Mice	109.58 mg/kg WHO Class - III
Acute LD ₅₀ Dermal Rabbits	1233.15 mg/kg Toxicity Class - III
Acute LD ₅₀ Inhalation (Rat, 4 hr)	0.56 mg/l air.
Eye Irritation Rabbits	Very mild irritant.
Skin irritation, Rabbits	Non - irritant
Sensitization	Weak sensitization agent
Carcinogenicity	None
Muta genicity	None
Reproductive Toxicity	None
12. ECOLOGICAL INFORMATION	
LD ₅₀ (96hrs) brown trout	2.68 mg/l water.



NEW PACK AGRO CHEM

The Leader in the Field

AN ISO 9001 : 2015 & OHAS : 18001 CERTIFIED COMPANY

MATERIAL SAFETY DATA SHEET

CHLORPYRIFOS 2% RTU (DURMET RTU)

Emergency Phone: 02646 272 917
Plot No.238/1/A, GIDC PANOLI,
TAL- ANKLESHWAR , DIST- BHARUCH,
GUJARAT 394 115.

D ₅₀ (24hrs) Daphnia manga	1.39 ug/l water.
Acute LD ₅₀ Oral Birds	17.7 mg//kg
Bee Toxicity	Toxic
% Biodegradability	95 in 1 year
Sewage Toxicity	Toxic.
13.DISPOSAL INFORMATION	
Incineration or landfill in accordance with local regulations. Contaminated packing material should be treated as the product.	

14.TRANSPORT INFORMATION

UN Number	3018
Marine Pollutant	Yes
Packing Group	III
Packing Class	6.1
IMDG	6219

15.REGULATORY INFORMATION

None

16.OTHER INFORMATION

None



NEW PACK AGRO CHEM

The Leader in the Field

AN ISO 9001 : 2015 & OHAS : 18001 CERTIFIED COMPANY

MATERIAL SAFETY DATA SHEET

CHLORPYRIFOS 2% RTU (DURMET RTU)

Emergency Phone: 02646 272 917
Plot No.238/1/A, GIDC PANOLI,
TAL- ANKLESHWAR , DIST- BHARUCH,
GUJARAT 394 115.

DISCLAIMER

All reasonable care has been exercised in processing your request for information on the chemical listed in this Material Safety Data Sheet. No warranty is made, either expressed or implied does not hold itself liable for any injury, illness, loss or misinterpretation arising from the use of this data. NPAC makes no warranty expressed or implied in respect of the adequacy of this document for any particular purpose.

