

# MATERIAL SAFETY DATA SHEET

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## SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### TRIACONTANOL

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**PRODUCT NAME:** TRIACONTANOL

**SYNONYMS:** MELISSYL ALCOHOL, MYRICYL ALCOHOL

**COMPANY:** PURESTAR CHEM ENTERPRISE CO., LTD

**COMPANY'S ADDRESS:** NO. 235, HUANCHENG DONG ROAD,  
HUZHOU, ZHEJIANG, CHINA

**FOR EMERGENCIES, CALL:** 86-13754204265

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## SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

### TRIACONTANOL

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**CHEMICAL NAME:** TRIACONTANOL

**CAS NO.:** 593-50-0

**EINECS NO.:** 209-794-5

**DESCRIPTION:** ORGANIC CHEMICALS

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## SECTION 3 - HAZARDS IDENTIFICATION

### TRIACONTANOL

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**POTENTIAL HEALTH EFFECTS:** NO SPECIFIC INFORMATION IS AVAILABLE IN OUR DATA BASE REGARDING THE ACUTE TOXIC EFFECTS OF THIS MATERIAL FOR HUMANS.

**POTENTIAL HEALTH EFFECTS**

**CARCINOGENIC EFFECTS:** NOT AVAILABLE.

**MUTAGENIC EFFECTS:** NOT AVAILABLE.

**TERATOGENIC EFFECTS:** NOT AVAILABLE.

**DEVELOPMENTAL TOXICITY:** NOT AVAILABLE.

REPEATED OR PROLONGED EXPOSURE IS NOT KNOWN TO AGGRAVATE MEDICAL CONDITION.

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#### SECTION 4 - FIRST AID MEASURES

##### TRIACONTANOL

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**EYES:** NO KNOWN EFFECT ON EYE CONTACT, RINSE WITH WATER FOR A FEW MINUTES.

**SKIN:** NO KNOWN EFFECT ON SKIN CONTACT, RINSE WITH WATER FOR A FEW MINUTES.

**SERIOUS SKIN CONTACT:** NOT AVAILABLE.

**Inhalation:** Allow the victim to rest in a well ventilated area. Seek immediate medical attention.

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#### SECTION 5 - FIRE FIGHTING MEASURES

##### TRIACONTANOL

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**FLAMMABILITY OF THE PRODUCT:** MAY BE COMBUSTIBLE AT HIGH TEMPERATURE.

**AUTO-IGNITION TEMPERATURE:** NOT AVAILABLE.

**FLASH POINTS:** NOT AVAILABLE.

**FLAMMABLE LIMITS:** NOT AVAILABLE.

**PRODUCTS OF COMBUSTION:** THESE PRODUCTS ARE CARBON OXIDES (CO, CO<sub>2</sub>).

**FIRE HAZARDS IN PRESENCE OF VARIOUS SUBSTANCES:** NOT AVAILABLE.

**EXPLOSION HAZARDS IN PRESENCE OF VARIOUS SUBSTANCES:** RISKS OF EXPLOSION OF THE PRODUCT IN PRESENCE OF MECHANICAL IMPACT: NOT AVAILABLE. RISKS OF EXPLOSION OF THE PRODUCT IN PRESENCE OF STATIC DISCHARGE: NOT AVAILABLE.

**FIRE FIGHTING MEDIA AND INSTRUCTIONS:**

SMALL FIRE: USE DRY CHEMICAL POWDER.

LARGE FIRE: USE WATER SPRAY, FOG OR FOAM. DO NOT USE WATER JET.

**SPECIAL REMARKS ON FIRE HAZARDS:** MATERIAL IN POWDER FORM, CAPABLE OF CREATING A DUST EXPLOSION.

**SPECIAL REMARKS ON EXPLOSION HAZARDS:** NOT AVAILABLE.

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#### SECTION 6 - ACCIDENTAL RELEASE MEASURES

##### TRIACONTANOL

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**SMALL SPILL:**

USE APPROPRIATE TOOLS TO PUT THE SPILLED SOLID IN A CONVENIENT WASTE DISPOSAL CONTAINER. FINISH CLEANING BY SPREADING WATER ON THE CONTAMINATED SURFACE AND DISPOSE OF ACCORDING TO LOCAL AND

REGIONAL AUTHORITY REQUIREMENTS.

**LARGE SPILL:**

USE A SHOVEL TO PUT THE MATERIAL INTO A CONVENIENT WASTE DISPOSAL CONTAINER. FINISH CLEANING BY SPREADING WATER ON THE CONTAMINATED SURFACE AND ALLOW TO EVACUATE THROUGH THE SANITARY SYSTEM.

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**SECTION 7 - HANDLING AND STORAGE**  
**TRIACONTANOL**

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**PRECAUTIONS:**

KEEP AWAY FROM HEAT. KEEP AWAY FROM SOURCES OF IGNITION. EMPTY CONTAINERS POSE A FIRE RISK.

**STORAGE:** KEEP CONTAINER DRY. KEEP IN A COOL PLACE. GROUND ALL EQUIPMENT CONTAINING MATERIAL. KEEP CONTAINER TIGHTLY CLOSED. KEEP IN A COOL, WELL-VENTILATED PLACE. COMBUSTIBLE MATERIALS SHOULD BE STORED AWAY FROM EXTREME HEAT AND AWAY FROM STRONG OXIDIZING AGENTS.

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**SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION**  
**TRIACONTANOL**

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**ENGINEERING CONTROLS:** USE PROCESS ENCLOSURES, LOCAL EXHAUST VENTILATION, IF USER OPERATIONS GENERATE DUST, FUME OR MIST, USE VENTILATION TO KEEP EXPOSURE TO AIRBORNE CONTAMINANTS BELOW THE EXPOSURE LIMIT.

**PERSONAL PROTECTION:** SAFETY GLASSES. LAB COAT.

**PERSONAL PROTECTION IN CASE OF A LARGE SPILL:** SPLASH GOGGLES. FULL SUIT. BOOTS. GLOVES. SUGGESTED PROTECTIVE CLOTHING MIGHT NOT BE SUFFICIENT; CONSULT A SPECIALIST BEFORE HANDLING THIS PRODUCT.

**EXPOSURE LIMITS:** NOT AVAILABLE.

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**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**  
**TRIACONTANOL**

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**MOLECULAR FORMULA:** C<sub>30</sub>H<sub>62</sub>O

**MOLECULAR WEIGHT:** 438.82

**PHYSICAL STATE AND APPEARANCE:** POWDER

**ODOR:** CHARACTERISTIC.

**TASTE:** NOT AVAILABLE.

**MOLECULAR WEIGHT:** 438.82G/MOLE

**COLOR:** WHITE

**PH (1% SOLN/WATER):** NOT APPLICABLE.

**BOILING POINT:** NOT AVAILABLE.

**CRITICAL TEMPERATURE:** NOT AVAILABLE.

**SPECIFIC GRAVITY:** NOT AVAILABLE.

**VAPOR PRESSURE:** NOT APPLICABLE.

**VAPOR DENSITY:** NOT AVAILABLE.

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## SECTION 10 - STABILITY AND REACTIVITY

### TRIACONTANOL

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**STABILITY:** THE PRODUCT IS STABLE.

**CONDITIONS OF INSTABILITY:** NOT AVAILABLE.

**INCOMPATIBILITY WITH VARIOUS SUBSTANCES:** NOT AVAILABLE.

**CORROSIVITY:** NON-CORROSIVE IN PRESENCE OF GLASS.

**SPECIAL REMARKS ON REACTIVITY:** NOT AVAILABLE.

**SPECIAL REMARKS ON CORROSIVITY:** NOT AVAILABLE.

**POLYMERIZATION:** NO.

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## SECTION 11 - TOXICOLOGICAL INFORMATION

### TRIACONTANOL

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**ROUTES OF ENTRY:** NOT AVAILABLE.

**TOXICITY TO ANIMALS:**

LD50: NOT AVAILABLE.

LC50: NOT AVAILABLE.

**OTHER TOXIC EFFECTS ON HUMANS:** NO SPECIFIC INFORMATION IS AVAILABLE IN OUR DATABASE REGARDING THE OTHER TOXIC EFFECTS OF THIS MATERIAL FOR HUMANS.

**SPECIAL REMARKS ON TOXICITY TO ANIMALS:** NOT AVAILABLE.

**SPECIAL REMARKS ON CHRONIC EFFECTS ON HUMANS:** NOT AVAILABLE.

**SPECIAL REMARKS ON OTHER TOXIC EFFECTS ON HUMANS:** NOT AVAILABLE.

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## SECTION 12 - ECOLOGICAL INFORMATION

### TRIACONTANOL

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**ECOTOXICITY:** NOT AVAILABLE.

**BOD5 AND COD:** NOT AVAILABLE.

**PRODUCTS OF BIODEGRADATION:**

POSSIBLY HAZARDOUS SHORT TERM DEGRADATION PRODUCTS ARE NOT LIKELY.  
HOWEVER, LONG TERM DEGRADATION PRODUCTS MAY ARISE.

**TOXICITY OF THE PRODUCTS OF BIODEGRADATION:** THE PRODUCTS OF  
DEGRADATION ARE MORE TOXIC.

**SPECIAL REMARKS ON THE PRODUCTS OF BIODEGRADATION:** N/A

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### SECTION 13 - DISPOSAL CONSIDERATIONS

#### TRIACONTANOL

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**WASTE DISPOSAL METHODS:** DISPOSE OF IN ACCORDANCE WITH LOCAL  
REGULATIONS.

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### SECTION 14 - TRANSPORT INFORMATION

#### TRIACONTANOL

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**DOT CLASSIFICATION:** NOT A DOT CONTROLLED MATERIAL.

**IDENTIFICATION:** NOT APPLICABLE.

**SPECIAL PROVISIONS FOR TRANSPORT:** NOT APPLICABLE.

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### SECTION 15 - REGULATORY INFORMATION

#### TRIACONTANOL

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**OTHER REGULATIONS:** NOT AVAILABLE.

**OTHER CLASSIFICATIONS:**

**WHMIS (CANADA):** NOT CONTROLLED UNDER WHMIS (CANADA).

**DSCL (EEC):** THIS PRODUCT IS NOT CLASSIFIED ACCORDING TO THE EU  
REGULATIONS.

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### SECTION 16 - ADDITIONAL INFORMATION

#### TRIACONTANOL

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NONE.

THE INFORMATION IN THIS MSDS WAS OBTAINED FROM SOURCES WHICH WE  
BELIEVE ARE RELIABLE. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT  
ANY WARRANTY, EXPRESS OR IMPLIED, REGARDING ITS CORRECTNESS. THE  
CONDITIONS OR METHODS OF HANDLING, STORAGE, USE OR DISPOSAL OF THE  
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FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND

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