



PO BOX 16458 • FRESNO CA 93755

MATERIAL SAFETY DATA SHEET

PRODUCT/TRADE NAME:

CERANO 5 MEG

I. NAME

PRODUCT/TRADE NAME: CERANO 5 MEG
EPA REGISTRATION #: 279-3269-2935
CHEMICAL NAME/Common Name:
2-(2-Chlorophenyl)methyl-4-dimethyl-3-isoxazolidinone/Clomazone

II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
Clomazone	81777-89-1	NE	NE

III. PHYSICAL DATA

SPECIFIC GRAVITY (H₂O = 1): NA
MELTING POINT: 25°C*
VAPOR DENSITY (AIR = 1): NA
% VOLATILES BY VOL.: NA
ODOR: Light
APPEARANCE: Granular
FLASH POINT/METHOD: NA
VAPOR PRESSURE (mmHg): NA
SOLUBILITY IN H₂O: 1100 ppm

IV. FIRE & EXPLOSION HAZARD

EXTINGUISHING MEDIA: Water Fog Foam Alcohol Foam
 CO₂ Dry Chemical Other

FIRE FIGHTING PRECAUTIONS & HAZARDS:

Fight fire upwind. Wear positive pressure self-contained breathing apparatus and full protective equipment. Avoid breathing spray mist, smoke or vapors. Avoid fallout and runoff. Vapors can form explosive mixtures in air. Dike to prevent entering drains, sewers, or water courses. Evacuate people downwind from fire.

V. CARCINOGEN STATUS

OSHA NTP IARC No Listing Type

VI. REACTIVITY

Stable HAZARDOUS POLYMERIZATION
 Unstable May Occur Will Not Occur
AVOID: Excessive Heat
HAZARDOUS DECOMPOSITION PRODUCTS: CO_x, CL₂, NO_x, HCl

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Wear appropriate respiratory and personal protective equipment. Vacuum or sweep into an approved disposal container.

DECONTAMINATION: Treat contaminated area with detergent and water. Absorb with inert materials and place in approved disposal containers. Repeat as necessary until area is clean.

ENVIRONMENTAL HAZARDS: Toxic to fish. Dike to prevent entering drains, sewers or water courses.

DISPOSAL: Use a DOT-approved disposal container and dispose of in an EPA Class I disposal site.

VIII. HEALTH PRECAUTION DATA

INGESTION: Acute oral LD 50 (rat) 1,369 mg/kg (FMC*). Do not ingest. Wash thoroughly before eating, drinking or smoking. Do not ingest. Wash thoroughly before eating, drinking or smoking. Do not store near food or feed.

INHALATION: No PEL/TLV established. Wear appropriate respiratory protection for exposures above the PEL/TLV.

SKIN ABSORPTION: Acute dermal LD50 (rabbit) >2000 mg/kg (FMC*). May cause skin irritation. Wear proper personal protective equipment to reduce exposure.

EYE EXPOSURE: Keep out of eyes. Not expected to be an eye irritant. Wear proper eye protection to reduce eye exposure. If exposed, flush eyes for a minimum of 15 minutes with water.

EFFECTS OF OVEREXPOSURE: Symptoms of overexposure may include stuffy, runny nose, wheezing, nervous irritability and tremors. No known chronic effects. Preexisting medical conditions involving the above symptoms may be aggravated by exposure.

FIRST AID: In all cases, get prompt medical attention. If swallowed, do not induce vomiting. For skin contact, remove contaminated clothing and wash with soap and water. For eye exposure, flush eyes with water for a minimum of 15 minutes. If inhaled, remove victim to fresh air, and administer CPR if necessary.

IX. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Use NIOSH/MSHA - approved respirator for pesticides for the exposures encountered. Positive pressure self-contained breathing apparatus should be used for confined space entry exposures.

PERSONAL PROTECTIVE EQUIPMENT: Long-sleeved coveralls, neoprene boots, neoprene or nitrile gloves, hat and safety goggles. For manufacture, formulation and application operations, recommend a shower at the end of the work shift.

VENTILATION: Local exhaust ventilation is recommended for manufacture and formulation. Store in a well-ventilated area. Allow closed trucks adequate time to ventilate prior to entering.

X. SPECIAL PRECAUTIONS

Keep out of the reach of children. Read and follow all label instructions. Store in cool, dry area.

XI. REGULATORY DATA

SARA HAZARD CLASS: Acute Chronic Flammable
 Pressure Reactive None

SARA 313: Yes No Chemical:

SARA 302: Yes No Chemical:

TPQ:

CERCLA: Yes No Chemical: Pyrethrins

RQ: 1*

RCRA: Yes No

NFPA HAZARD RATING:

Health: [2]

Fire: [1]

Reactivity: [0]

Special: []

HMS CODES:

Health: [2]

Fire: [1]

Reactivity: [0]

NFPA HAZARD RATING SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

HMS HAZARD RATING SCALE:

0 = Minimal 3 = Serious

1 = Slight 4 = Severe

2 = Moderate

DATE PREPARED: May 15, 2001

REVISED DATE: February 6, 2004

Notice: This information was developed from information on the constituent materials. No warranty is expressed or implied regarding the completeness or continuing accuracy of the information contained herein, and Wilbur-Ellis disclaims all liability for reliance thereon. The user should satisfy himself that he has all current data relevant to his particular use.

*Technical Material NE - Not Established NA - Not Applicable

24 Hour Emergency Phone Number
CHEMTREC: (800) 424-9300

