



PO BOX 16458 • FRESNO CA 93755

MATERIAL SAFETY DATA SHEET

PRODUCT/TRADE NAME:

DESPERADO

I. NAME

PRODUCT/TRADE NAME: DESPERADO
EPA REGISTRATION #: 7969-225-2935
CHEMICAL NAME/Common Name:
Sulfur/Sulfur
[2-(tert-butyl)-5-(4-tert-butyl-benzylthio)-4-chloropyridazin-3-(2H)one]/
Pyridaben
1,2 Ethanediol/Ethylene Glycol

II. HAZARDOUS INGREDIENTS

	CAS#	OSHA PEL	ACGIH TLV
Sulfur	7704-34-9	NE	NE
Pyridaben	96489-71-3	NE	NE
Ethylene Glycol	107-21-1	100 mg/m ³ C	100 mg/m ³ C

III. PHYSICAL DATA

SPECIFIC GRAVITY (H2O = 1): 1.367
MELTING POINT: NA
VAPOR DENSITY (AIR = 1): >1
% VOLATILES BY VOL.: NE
ODOR: Odorless
APPEARANCE: Pale Liquid
FLASH POINT/METHOD: >200 Deg. F PMCC
VAPOR PRESSURE (mmHg): NE
SOLUBILITY IN H2O: Insoluble

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 Unstable HAZARDOUS POLYMERIZATION
 May Occur Will Not Occur
AVOID: Strong oxidizers
HAZARDOUS DECOMPOSITION PRODUCTS: COx, SOx, H₂S

VII. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE OF SPILL: Wear appropriate respiratory and personal protective equipment. Absorb with inert material and 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) >5000 mg/kg (BAS^{*}). Do not ingest. Wash thoroughly before eating, drinking or smoking. Do not store near food or feed.
INHALATION: No PEL/TLV for this product. Wear appropriate respiratory protection for exposures above the PEL/TLV.
SKIN ABSORPTION: Acute dermal LD50 (rabbit) >5000 mg/kg (BAS^{*}). Can cause skin irritation. Wear proper personal protective equipment to reduce exposure.
EYE EXPOSURE: Keep out of eyes. Causes moderate eye irritation. 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 up to 10 times the PEL/TLV. Positive pressure self-contained breathing apparatus should be used for confined space entry and exposures above 10 times the PEL/TLV.

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. Do not store near open flame, sparks or other ignition sources.

XI. REGULATORY DATA

SARA HAZARD CLASS: Acute Chronic Flammable
 Pressure Reactive None

SARA 313: Yes No Chemical: Ethylene Glycol

SARA 302: Yes No Chemical:

TPQ:

CERCLA: Yes No Chemical: Ethylene Glycol

RQ: 5000*

RCRA: Yes No

NFPA HAZARD RATING:

Health: [2]
Fire: [1]
Reactivity: [1]
Special: []

NFPA HAZARD RATING SCALE:

0 = Minimal 3 = Serious
1 = Slight 4 = Severe
2 = Moderate

HMS CODES:

Health: [2]
Fire: [1]
Reactivity: [1]

HMS HAZARD RATING SCALE:

0 = Minimal 3 = Serious
1 = Slight 4 = Severe
2 = Moderate

DATE PREPARED: June 1, 2004

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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

