

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-104/10453-86-8.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
10453-86-8  
**Code:**  
M

**RTECS:**  
GZ1310000  
**Code:**  
M

**Name:**  
RESMETHRIN(5-BENZYL-3-FURYL)METHYL-2,2-DIMETHYL-3

**Other REC Limits:**  
N/K

**OSHA PEL:**  
NOT ESTABLISHED  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT ESTABLISHED  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
NONE REQUIRED

**Ventilation:**  
NORMAL ROOM VENTILATION

**Protective Gloves:**  
RUBBER TYPE

**Eye Protection:**  
SAFETY GLASSES

**Other Protective Equipment:**  
Equipment AS REQUIRED FOR TASK AT HAND

**Work Hygienic Practices:**  
N/P

**Supplemental Safety and Health:**  
EPA REG. 4816-645

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

**Route Of Entry Inds - Inhalation:**  
YES

**Skin:**  
YES

**Ingestion:**  
NO

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
EYES/SKIN/INHAL: IRRITANT (ACUTE); CHRONIC: N/K

**Explanation Of Carcinogenicity:**  
N/P

**Signs And Symptions Of Overexposure:**  
EYES/SKIN/INHAL: IRRITATION,REDDNESS,COUGHING

**Medical Cond Aggravated By Exposure:**  
N/P

**First Aid:**  
EYES: FLUSH W/PLENTY OF WATER-GET MED. ATTN IF IRRITAT. PERSISTS; SKIN: REMOVE CONTAMINATED CLOTHING & WASH AFFECTED AREAS OF SKIN W/SOAP & WATER. GET MED. ATTN. IF IRRITAT. PERSISTS; INHAL: REMOVE AFFECTED PERSON TO FRESH AIR. GIVE CPR/O\*2 AS SITUATION DICTATES; INGEST: GET MEDICAL ATTN. OR POISON CONTROL CENTER IMMEDIATELY. DO NOT INDUCE VOMITING. VOMITING MAY CAUSE ASPIRATION PNEUMONIA.

**Spill Release Procedures:**  
3 SOAK UP W/ AN ABSORBANT MATERIAL SUCH AS SAND, SAWDUST, EARTH, FULLER'S EARTH, ETC. DISPOSE OF W/ CHEMICAL WASTE.

**Neutralizing Agent:**  
N/P

**Waste Disposal Methods:**  
DONOT CONTAMINATE WATER,FOOD, OR FEED BY STORAGE OR DISPOSAL; PESTICIDE DISPOSAL: PESTICIDE, SPRAY MIXTURE OR RINSE WATER THAT CANNOT BE USED IAW LABEL INSTRUCT. MUST BE DISPOSED OF/BY APPROVED WASTE DISPOSAL FACILITY; CONTAINER DISPOSAL: TRIPLE RINS

**Handling And Storage Precautions:**  
STORE IN COOL/DRY AREA. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING;DO NOT CONTAMINATE FEED,FOODSTUFFS OR WATER SUPPLY

**Other Precautions:**  
PRODUCT IS TOXIC TO FISH. DO NOT APPLY DIRECTLY TO LAKES, STREAMS, PONDS, TIDAL MARSHES OR ESTUARIES. DO NOT APPLY WHERE RUNOFF IS LIKELY TO OCCUR. DO NOT APPLY WHEN WEATHER CONDITIONS FAVOR DRIFT FROM AREAS TREATED.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
TCC

**Flash Point:**

**Flash Point Text:**  
131F/55C

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/K

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
FOAM,CARBON DIOXIDE,DRY CHEMICAL & WATER FOG.

**Fire Fighting Procedures:**  
USE SELF-CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED AREAS & EQUIPMENT.

**Unusual Fire/Explosion Hazard:**  
DO NOT USE DIRECT STREAM OF WATER. MATERIAL MAY FLOAT & REIGNITE 4

## Physical/Chemical Properties

**HCC:**  
T4

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
N/K

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
N/A

**Decomp Temp:**

**Decomp Text:**  
N/A

**Vapor Pres:**  
3 @68F

**Vapor Density:**  
N/K 5

**Volatile Org Content %:**

**Spec Gravity:**  
0.878

**VOC Pounds/Gallon:**

**PH:** N/P

**VOC Grams/Liter:**

**Viscosity:**  
N/K

**Evaporation Rate & Reference:**  
N/K

**Solubility in Water:**  
INSOLUBLE

**Appearance and Odor:**  
COLOR(G-H); 4-6; LIQUID, PETROLEUM DISTILLATE ODOR

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
N/P

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
HI-TEMPERATURES IGNITION SOURCES!

**Materials To Avoid:**  
NONE CITED.

**Hazardous Decomposition Products:**  
OXIDES OF CARBON (CO,CO\*2); WATER VAPOR

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/P

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

**Information:**N/P

## Regulatory Information

**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:**N/P

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