

Yangzhou Sunchem Co.,Ltd.

Material Safety Data Sheet

Imidacloprid 98%TC

1.Composition/Information on Ingredient

Cas:

138261-41-3

Code:T

RTECS:

Code:

X

Name:

IMIDACLOPRID Environmental Wt: Other REC Limits

Other REC Limits:

NOT PROVIDED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:

N/P

Code:

M 3

ACGIH TLV:NOT ESTABLISHED

Code:

M

ACGIHSTEL:

N/P

Code:

T

2.Control Measures

Respiratory Protection:

UNDER NORMAL CONDITIONS NO RESPIRATORY PROTECTION IS NEEDED, HOWEVER, WHEN POTENTIAL EXPOSURE IN PRODUCT DUST IS EXCESSIVE, WEAR A NIOSH-APPROVED RESPIRATOR FOR DUSTS AND MISTS OR FOR PESTICIDES.

Ventilation:

CONTROL EXPOSURE LEVELS THROUGH THE USE OF GENERAL AND LOCAL EXHAUST VENTILATION WHERE NEEDED.

Protective Gloves:

CHEMICAL RESISTANT GLOVES TO PREVENT SKIN CONTACT IS RECOMMENDED.

Eye Protection:

GOGGLES SHOULD BE USED WHEN NEEDED TO PREVENT DUST FROM GETTING INTO THE EYES.

Other Protective Equipment:

Equipment 5 WEAR LONG SLEEVES AND TROUSERS TO PREVENT SKIN CONTACT. CLEAN WATER SHOULD BE AVAILABLE FOR WASHING IN CASE OF EYE OR SKIN CONTAMINATION. EDUCATE AND TRAIN EMPLOYEES IN SAFE USE OF THE PRODUCT.

Work Hygienic Practices:

FOLLOW ALL LABEL INSTRUCTIONS. LAUNDER CLOTHING AFTER USE. WASH THOROUGHLY AFTER HANDLING.

Supplemental Safety and Health:

ABBREVIATION: N/A = NOT APPLICABLE. N/AV = NOT AVAILABLE. N/K = UNKNOWN. N/P = NOT PROVIDED. N/R = NOT RELEVANT. N/D = NOT DETERMINED. N/E = NOT ESTABLISHED.

3. Health Hazards Data

LD50LC50Mixture:

ORAL LD50 MALE RAT 2581 MG/KG

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

ACUTE: NO SPECIFIC SYMPTOMS OF ACUTE OVEREXPOSURE ARE KNOWN TO OCCUR IN HUMANS. ANIMAL STUDIES HAVE SHOWN THAT THIS MATERIAL IS MILDLY TOXIC BY THE ORAL AND DERMAL ROUTES. IT IS MINIMALLY IRRITATING TO THE CONJUNCTIVE OF THE EYE BUT THE IRRITATION IS REVERSIBLE WITHIN 24 HOURS. IT IS A SLIGHT

DERMAL IRRITANT, BUT IS NOT A DERMAL SENSITIZER.

CHRONIC: NO SPECIFIC SYMPTOMS OF CHRONIC OVEREXPOSURE ARE KNOWN TO OCCUR IN HUMANS. 3

Explanation Of Carcinogenicity:

THE PRODUCT IS NOT LISTED BY NTP, IARC OR REQUESTED AS A CARCINOGEN BY OSHA.

Signs And Symptions Of Overexposure:

NO SPECIFIC SYMPTOMS OF ACUTE OVEREXPOSURE ARE KNOWN TO OCCUR IN HUMANS.

Medical Cond Aggravated By Exposure:

NO SPECIFIC MEDICAL CONDITIONS ARE KNOWN WHICH MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT.

First Aid:

EYES: HOLD EYELIDS OPEN AND FLUSH WITH COPIOUS AMOUNTS OF WATER FOR 15 MINUTES. CALL A PHYSICIAN IF IRRITATION DEVELOPS. SKIN: REMOVE CONTAMINATED CLOTHING. WASH SKIN WITH SOAP AND WATER. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. IF SIGNS OF INTOXICATION (POISONING) OCCUR, GET MEDICAL ATTENTION IMMEDIATELY. INHALATION: FIRST, REMOVE VICTIM TO FRESH AIR/UNCONTAMINATED AREA. IF NOT BREATHING, GI VE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH. GET MEDICAL ATTENTION AS SOON AS POSSI

Spill Release Procedures:

ISOLATE AREA AND KEEP UNAUTHORIZED PEOPLE AWAY. DO NOT WALK THROUGH SPILLED MATERIAL. AVOID BREATHING DUSTS AND SKIN CONTACT. AVOID GENERATING DUST. USE RECOMMENDED PROTECTIVE EQUIPMENT WHILE CAREFULL Y SWEEPING UP SPILL. PLACE IN COVERED CONTAINER FOR REUSE OR DISPOSAL. SCRUB CONTAMINATED AREA WITH SOAP AND WATER. RINSE WITH WATER. USE CLAY GRANULES TO ABSORB AND COLLECT.

Neutralizing Agent:

NOT RELEVANT

Waste Disposal Methods:

FOLLOW CONTAINER LABEL INSTRUCTIONS FOR DISPOSAL OF WASTES GENERATED DURING USE IN COMPLIANCE WITH THE PRODUCT LABEL. IN OTHER SITUATIONS BURY IN AN EPA-APPROVED LANDFILL OR BURN IN AN INCINERATOR APP ROVED FOR PESTICIDE DESTRUCTION. DO NOT REUSE CONTAINER.

Handling And Storage Precautions:

STORE IN A COOL DRY AREA DESIGNATED SPECIFICALLY FOR PESTICIDES. DO NOT STORE NEAR ANY MATERIAL INTENDED FOR USE OR CONSUMPTION BY HUMANS OR ANIMALS.

Other Precautions:

NOT PROVIDED 4

4. Fire and Explosion Hazard Information

Flash Point Method:

N/A

Flash Point:

Flash Point Text:

NOT APPLICABLE

Autoignition Temp:

Autoignition Temp Text:

N/A

Lower Limits:

N/A

Upper Limits:

N/A

Extinguishing Media:

WATER, CARBON DIOXIDE, DRY CHEMICAL; FOAM.

Fire Fighting Procedures:

KEEP OUT OF SMOKE. COOL EXPOSED CONTAINERS WITH WATER SPRAY. FIGHT FIRE FROM UPWIND POSITION. USE SELF-CONTAINED BREATHING EQUIPMENT. CONTAIN RUNOFF BY DIKING TO PREVENT ENTRY INTO SEWERS OR WATERWAYS . EQUIPMENT OR MATERIALS INVOLVED IN PESTICIDE FIRES MAY BECOME CONTAMINATED.

Unusual Fire/Explosion Hazard:

NOT PROVIDED

5. Physical/Chemical Properties

HCC:

T5

NRC/State LIC No:

NOT RELEVANT

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:

NOT ESTABLISHED

Melt/Freeze Pt:

M.P/F.P Text:

120-134C

Decomp Temp:

Decomp Text:

NOT PROVIDED

Vapor Pres:

1.5 X 10⁻⁹ MM@20C

Vapor Density:

N/E

Volatile Org Content %:

Spec Gravity:

NOT ESTABLISHED

VOC Pounds/Gallon:

PH: 1% SLURRY 5-8

VOC Grams/Liter:

Viscosity:

NOT PROVIDED

Evaporation Rate & Reference:

NOT ESTABLISHED

Solubility in Water:

9-10% OF MIXTURE

Appearance and Odor:

LIGHT BROWN POWDER, SOLID. NO ODOR.

Percent Volatiles by Volume:

NOT PROVIDED

Corrosion Rate:

NOT PROVIDED 6

6.Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

STRONG EXOTHERMAL REACTION ABOVE 260C (FOR IMIDACIOPRID).

Materials To Avoid:

NONE KNOWN.

Hazardous Decomposition Products:

PROPOSED. HC1, HCN, CO, NOX (FOR IMIDACIOPRID).

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NONE

7.Toxicological Information

Information:N/P

8.MSDS Transport Information

Information:N/P

9.Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

10.Other Information

Other Information:N/P