



SAFETY DATA SHEET



AMITRAZ 20 EC

SDS No : SDS -181B
 Revision : 0
 Date of Issue : March 8th, 2019

SECTION 1 - IDENTIFICATION

Product Name : AMITRAZ 20 EC
 Active Ingredients : Amitraz
 Synonym : *N-methylbis(2,4-xylyliminomethyl)amine*
 Recommended use and restrictions on use : Insecticide
 Company Identification : PT Inti Everspring Indonesia
 Wisma UIC 4th floor, JL. Gatot Subroto Kav. 6-7
 Jakarta 12930, Indonesia
 Tel. 62-21-57905245 ; Fax. 62-21-57905244
 Emergency Telephone Number : 62-254-5750064 / 62-254-5750049

SECTION 2 - HAZARDS IDENTIFICATION

GHS Classification : Acute Toxicity (Oral) Category 4
 Acute Toxicity (Dermal) Not Toxic
 Acute Toxicity (Inhalation) Category 5
 Hazardous to the Aquatic Environment- Long-term (chronic) Hazard Category 2
 Serious damage to eyes / irritation Category 2B
 Flammable Liquid Category 3

GHS Labelling Symbol (s) :



Signal Word : Warning

Hazard statements
 H302 Harmful if swallowed
 H333 May be harmful if inhaled
 H411 Toxic to aquatic life with long lasting effects
 H226 Flammable liquid and vapour
 H320 Causes eye irritation

Precautionary Statements **Prevention**
 P264 Wash thoroughly after handling
 P270 Do not eat, drink, or smoke when using this product
 P273 Avoid release to the environment
 P210 Keep away from heat, hot surface, sparks, open flames and other ignition sources. No Smoking

Precautionary Statements **Respos**
 P301+P312 If swallowed: Call a Poison center/ doctor if you feel unwell
 P330 Rinse mouth
 P304+P312 If inhaled: Call a Poison center/ doctor if you feel unwell
 P303+P361 +P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or



SAFETY DATA SHEET

shower).
 P391 Collect spillage
 P370+P378 In case of fire, use appropriate fire extinguisher to extinguish fire
 P305+P351 +P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing
 P337+P313 If eye irritation persists: Get medical advice/attention.

Precautionary Statements

Storage

P403+P235 Store in well-ventilated place. Keep cool.

Disposal

P501 Dispose of contents/container in accordance with local/ national/ international regulation

Other Hazard

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO	CONCENTRATION (%)
<i>N-methylbis(2,4-xylyliminomethyl)amine</i>	33089-61-1	20
Other material include Solvent and surfactant	-	80

SECTION 4 - FIRST- AID MEASURES

Eye : Open your eyes and wash carefully with plenty water continuously for 15-20 minutes. If the eyes are still irritated, contact a poison control center or doctor for further treatment.
 Skin : Removed contaminated clothing. Wash the skin immediately with plenty water continuously for 15-20 minutes. Contact a poison control center or doctor for further treatment.
 Ingestion : If swallowed DO NOT induce vomiting. Rinse mouth. Contact doctor.
 Inhalation : If inhaled, remove from exposure and have patient lie down and keep quiet. If patient is not breathing, start artificial respiration immediately. Never give anything by mouth to an unconscious person. Call a physician if necessary.

SECTION 5 - FIRE FIGHTING MEASURES

General Information : Firefighters must consider the nature of the product and use the poison face shields, full breathing apparatus and flame resistant clothing
 Extinguishing Media : Dry chemical, carbon dioxide, foam.
 Hazardous Product of : Toxic fumes
 Decomposition

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Isolation spill area and restrictions on the entry. Absorb spill with absorbent material such as sand, wash and put in a container. Clean the spill area with detergent former and water, then rinse with clean water. Collect used washing water into the container. Do not allow spills contaminate sources of water / drainage, as well as surface water. Dispose of containers that contain the spill, a former washing water, and the former sand / other absorbent material in accordance with local regulations / national / international



SAFETY DATA SHEET

SECTION 7 - HANDLING AND STORAGE

Handling : Keep out of reach of children. Product causes eye irritation, avoid contact with eyes. Handling of the product in a place that has good ventilation and away from sources of ignition or heat. After handling product and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After use, wash gloves, goggles or a face shield, and contaminated clothing.

Storage : Store in the original container tightly closed in a dry and well ventilated. Do not store containers are damaged or leaking. Avoid sources of ignition. Keep away from foodstuffs and fodder. Keep out of reach of children. Perform periodic inspection of the stored products.

SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

Engineering control : No special engineering controls are required

Personal Protective Equipment

Eye Protection : Safety goggles or fullface
 Gloves : Chemical resistant gloves
 Clothing Protection : Wear clothing with long sleeve
 Respiratory Protection : -

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

- 1 Physical Appearance : Liquid
- 2 Color : Clear Reddish brown
- 3 Odor : Foul smelling
- 4 Odor Threshold : Not available
- 5 pH (1%) : 8-10
- 6 Melting Point : 86-88 °C
- 7 Freezing Point : Not available
- 8 Boiling Point : Not available
- 9 Flash Point : 60 °C
- 10 The rate of Evaporation : Not available
- 11 Flammability : Flammable liquid and vapour
- 12 Upper/lower flammability : Not available
- 13 Vapour Pressure : Not available
- 14 Molecular weight : Not available
- 15 Decomposition temperature : Not available
- 16 Autoignition temperature : 465 °C
- 17 Viscosity : Not available
- 18 Spesific Gravity : 0,92-0,94 g/cc
- 19 Density relative : 1,128 (20 °C)
- 20 Solubility : Not available
- 21 Koefisien partision : n-octanol/water : Not available

SECTION 10 - STABILITY AND REACTIVITY

Reactivity : Not available

Stability : Stable at normal temperature and storage condition.

Hazardous Reaction under Specific Condition : Not available

Condition to Avoid : Not available

Incompatible material to avoid : Avoid alkaline material

Hazardous Product of Decomposition : Toxic fumes

Hazardous Polymerization : Not available



SAFETY DATA SHEET



SECTION 11 - TOXICOLOGICAL INFORMATION

Acute Toxicity (oral) LD ₅₀	:	1410 mg/kg mg/kg Rat
Acute Toxicity (dermal) LD ₅₀	:	7280 mg/kg
Acute Toxicity (inhalation) LC ₅₀	:	306,84 mg/l (ATEmix)
Subchronic toxicity (90 days) - Technical Material	:	Not available
Chronic Toxicity (2 years) -Technical Material	:	Not available
Mutagenicity in germ cells	:	No mutagenicity
Carcinogenicity	:	No carcinogenic activity
Eye Irritation	:	Slightly irritation
Skin Irritation	:	Not irritant

SECTION 12 - ECOLOGICAL INFORMATION

Acute Toxicity

Fish - <i>Bluegill Sunfish</i> (LC ₅₀ 96 h)	:	1,3 mg/l
Daphnia - <i>Daphnia Magna</i> (LC ₅₀ 48 h)	:	35 ppb
Bio accumulation	:	Not available
Persistence and degradation by environment	:	Rapid degradation in the soil containing Oxygen and acidic soils.
Soil Mobility	:	Not available
Others adverse effect	:	Not available

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal, storage or cleaning equipment should not be used to contaminate food, animal feed or water. Read extermination instructions listed on the product label. Products are toxic to aquatic organisms with long lasting effects. Do not contaminate domestic water or other water sources.
 Disposal Containers / Packaging: Destroy empty container and dispose of / destroyed in accordance with local regulations. Never use ex containers for any purpose.

SECTION 14 - TRANSPORT INFORMATION

DOT (US)

Proper shipping name	:	Flammable liquid, n.o.s (Amitraz 20%)
Class Danger Transport	:	3
UN Number	:	UN 1993
Packing Group	:	III

IMDG (INTERNATIONAL MARITIME DANGEROUS GOODS)

UN Number	:	Flammable liquid, n.o.s (Amitraz 20%)
Class and Packing group	:	UN 1993
Proper shipping name	:	3 and III
Marine Pollutant	:	Yes (Amitraz)

IATA (INTERNATIONAL AIR TRANSPORT ASSOCIATION)

UN Number	:	Flammable liquid, n.o.s (Amitraz 20%)
Class and Packing group	:	UN 1993
Proper shipping name	:	3 and III



SECTION 15 - REGULATORY INFORMATION

Safety Data Sheet / Safety Data Sheet meets the regulations :

1. Regulation of the Minister of Industry of the Republic of Indonesian number 23 / M-INDPER / 4/2013
2. Minister of Indonesian Labour Decree No. Kep. 187/MEN/1999 about Hazardous Chemicals Control in the Workplace
3. Building Blocks fifth revised edition of the GHS

SECTION 16 - OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein.

Reference:

1. Building Blocks fifth revised edition of the GHS
2. Regulation of the Minister of Industry of the Republic of Indonesian number 23 / M-INDPER / 4/2013
3. Toxicity Data of Salim Agrochemical Group's Product
4. Manual Pesticide fifteenth Edition, C D S Tomlin, 2009 BCPC