

# Safety Data Sheet Component B of Xanthion In-Furrow Fungicide

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#### 1. Identification

#### Product identifier used on the label

### **Component B of Xanthion In-Furrow Fungicide**

#### Recommended use of the chemical and restriction on use

Recommended use\*: crop protection product, fungicide

#### Details of the supplier of the safety data sheet

Company:

BASF CORPORATION 100 Park Avenue Florham Park, NJ 07932, USA

Telephone: +1 973 245-6000

#### **Emergency telephone number**

24 Hour Emergency Response Information

CHEMTREC: 1-800-424-9300

BASF HOTLINE: 1-800-832-HELP (4357)

#### Other means of identification

Substance number: 162667

Molecular formula: C(19)H(18)N(3)O(4)CL

Chemical family: strobilurine Synonyms: pyraclostrobin

#### 2. Hazards Identification

#### According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

#### Classification of the product

Asp. Tox. 1 Aspiration hazard Acute Tox. 3 (oral) Acute toxicity Acute Tox. 4 (Inhalation - mist) Acute toxicity

Skin Corr./Irrit. 2 Skin corrosion/irritation

<sup>\*</sup> The "Recommended use" identified for this product is provided solely to comply with a Federal requirement and is not part of the seller's published specification. The terms of this Safety Data Sheet (SDS) do not create or infer any warranty, express or implied, including by incorporation into or reference in the seller's sales agreement.

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Eye Dam./Irrit. 2A Serious eye damage/eye irritation

Carc. 2 Carcinogenicity

STOT SE 3 (irritating to Specific target organ toxicity — single exposure

respiratory system)

Aquatic Acute 1 Hazardous to the aquatic environment - acute Aquatic Chronic 1 Hazardous to the aquatic environment - chronic

#### Label elements

Pictogram:



#### Signal Word: Danger

Hazard Statement:

H319 Causes serious eye irritation.

H315 Causes skin irritation. H332 Harmful if inhaled. H301 Toxic if swallowed.

H304 May be fatal if swallowed and enters airways.

H335 May cause respiratory irritation. H351 Suspected of causing cancer. H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

Precautionary Statements (Prevention):

P280 Wear protective gloves, protective clothing and eye protection or face

protection.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.
P201 Obtain special instructions before use.
P260 Do not breathe mist or vapour.

P280 Wear eye protection.

P202 Do not handle until all safety precautions have been read and

understood.

P264 Wash contaminated body parts thoroughly after handling.

Precautionary Statements (Response):

P312 Call a POISON CENTER or physician if you feel unwell.

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P301 + P310 IF SWALLOWED: Immediately call a POISON CENTER or physician. P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for

breathing.

P308 + P313 IF exposed or concerned: Get medical attention.

P330 Rinse mouth

P302 + P352 IF ON SKIN: Wash with plenty of soap and water.

P391 Collect spillage.

P332 + P313 If skin irritation occurs: Get medical attention.

P331 Do NOT induce vomiting.

P337 + P313 If eye irritation persists: Get medical attention.

P362 + P364 Take off contaminated clothing and wash it before reuse.

Precautionary Statements (Storage):

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P403 + P233 Store in a well-ventilated place. Keep container tightly closed.

P405 Store locked up.

Precautionary Statements (Disposal):

P501 Dispose of contents/container in accordance with local regulations.

#### Hazards not otherwise classified

Labeling of special preparations (GHS):

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 11 - 13 % dermal

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 11 - 13 % Inhalation - vapour

The following percentage of the mixture consists of components(s) with unknown hazards regarding the acute toxicity: 11 - 13 % Inhalation - mist

#### 3. Composition / Information on Ingredients

#### According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Pyraclostrobin

CAS Number: 175013-18-0 Content (W/W): 24.1 % Synonym: No data available.

naphthalene

CAS Number: 91-20-3 Content (W/W): < 10.0% Synonym: Naphthalin

2-ethylhexan-1-ol

CAS Number: 104-76-7 Content (W/W): < 3.0% Synonym: 2-Ethylhexanol

solvent naphtha

CAS Number: 64742-94-5 Content (W/W): < 75.0%

Synonym: Solvent naphtha, petroleum, heavy arom.

Naphthalene, 2-methyl-

CAS Number: 91-57-6 Content (W/W): < 20.0% Synonym: No data available.

Proprietary surfactant blend

Content (W/W): < 5.0% Synonym: No data available.

Naphthalene, 1-methyl-

CAS Number: 90-12-0 Content (W/W): < 10.0% Synonym: No data available.

Toluene

CAS Number: 108-88-3

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> Content (W/W): < 0.3% Synonym: Benzene, methyl-

#### 4. First-Aid Measures

#### **Description of first aid measures**

#### General advice:

First aid providers should wear personal protective equipment to prevent exposure. Remove contaminated clothing. Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. In case of intoxication, call a poison control center or physician for treatment advice, taking the packaging or the label of the product.

#### If inhaled:

Remove the affected individual into fresh air and keep the person calm. Assist in breathing if necessary.

#### If on skin:

Rinse skin immediately with plenty of water for 15 - 20 minutes.

#### If in eyes:

Hold eyes open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after first 5 minutes, then continue rinsing.

#### If swallowed:

Do not induce vomiting unless told to by a poison control center or doctor. Never induce vomiting or give anything by mouth if the victim is unconscious or having convulsions.

#### Most important symptoms and effects, both acute and delayed

Symptoms: Information, i.e. additional information on symptoms and effects may be included in the GHS labeling phrases available in Section 2 and in the Toxicological assessments available in Section 11., (Further) symptoms and / or effects are not known so far Hazards: Vomiting may cause aspiration pneumonia due to the ingredients.

#### Indication of any immediate medical attention and special treatment needed

#### Note to physician

Antidote: No known specific antidote.

Treatment: Treat according to symptoms (decontamination, vital functions), no

known specific antidote.

#### 5. Fire-Fighting Measures

#### **Extinguishing media**

Suitable extinguishing media: water spray, foam, dry powder, carbon dioxide

Unsuitable extinguishing media for safety reasons: water jet

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#### Special hazards arising from the substance or mixture

Hazards during fire-fighting:

carbon monoxide, Hydrogen chloride, carbon dioxide, nitrogen oxides, organochloric compounds. The substances/groups of substances mentioned can be released in case of fire.

#### Advice for fire-fighters

Protective equipment for fire-fighting:

Firefighters should be equipped with self-contained breathing apparatus and turn-out gear.

#### Further information:

Evacuate area of all unnecessary personnel. Contain contaminated water/firefighting water. Do not allow to enter drains or waterways.

#### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

Take appropriate protective measures. Clear area. Shut off source of leak only under safe conditions. Extinguish sources of ignition nearby and downwind. Ensure adequate ventilation. Wear suitable personal protective clothing and equipment.

#### **Environmental precautions**

Do not discharge into the subsoil/soil. Do not discharge into drains/surface waters/groundwater. Contain contaminated water/firefighting water.

#### Methods and material for containment and cleaning up

Dike spillage. Pick up with suitable absorbent material. Place into suitable containers for reuse or disposal in a licensed facility. Spilled substance/product should be recovered and applied according to label rates whenever possible. If application of spilled substance/product is not possible, then spills should be contained, solidified, and placed in suitable containers for disposal. After decontamination, spill area can be washed with water. Collect wash water for approved disposal.

#### 7. Handling and Storage

#### Precautions for safe handling

RECOMMENDATIONS ARE FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS. PESTICIDE APPLICATORS & WORKERS must refer to the Product Label and Directions for Use attached to the product for Agricultural Use Requirements in accordance with the EPA Worker Protection Standard 40 CFR part 170. Ensure adequate ventilation. Provide good ventilation of working area (local exhaust ventilation if necessary). Keep away from sources of ignition - No smoking. Keep container tightly sealed. Protect contents from the effects of light. Protect against heat. Protect from air. Handle and open container with care. Do not open until ready to use. Once container is opened, content should be used as soon as possible. Avoid aerosol formation. Avoid dust formation. Provide means for controlling leaks and spills. Do not return residues to the storage containers. Follow label warnings even after container is emptied. The substance/product may be handled only by appropriately trained personnel. Avoid all direct contact with the substance/product. Avoid contact with the skin, eyes and clothing. Avoid inhalation of dusts/mists/vapours. Wear suitable personal protective clothing and equipment.

#### Protection against fire and explosion:

The relevant fire protection measures should be noted. Fire extinguishers should be kept handy. Avoid all sources of ignition: heat, sparks, open flame. Sources of ignition should be kept well clear. Avoid extreme heat. Keep away from oxidizable substances. Electrical equipment should conform to national electric code. Ground all transfer equipment properly to prevent electrostatic discharge. Electrostatic discharge may cause ignition.

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#### Conditions for safe storage, including any incompatibilities

Segregate from incompatible substances. Segregate from foods and animal feeds. Segregate from textiles and similar materials.

Suitable materials for containers: High density polyethylene (HDPE), HDPE fluorinated

Further information on storage conditions: Keep only in the original container in a cool, dry, well-ventilated place away from ignition sources, heat or flame. Protect containers from physical damage. Protect against contamination. The authority permits and storage regulations must be observed. Protect from temperatures below: 0 °C

The packed product must be protected from temperatures below the indicated one.

Protect from temperatures above: 40 °C

Damage by exceeding the maximum temperature is not reversible.

#### 8. Exposure Controls/Personal Protection

Users of a pesticidal product should refer to the product label for personal protective equipment requirements.

#### Components with occupational exposure limits

naphthalene

ACGIH TLV TWA value 10 ppm; Skin Designation;

Danger of cutaneous absorption

Skin Designation;

Danger of cutaneous absorption

solvent naphtha

ACGIH TLV TWA value 200 mg/m3 Non-aerosol (total

hydrocarbon vapor);

Application restricted to conditions in which there

are negligible aerosol exposures. Skin Designation Non-aerosol (total

hydrocarbon vapor);

Danger of cutaneous absorption

Naphthalene, 1-methyl-

ACGIH TLV TWA value 0.5 ppm; Skin Designation;

Danger of cutaneous absorption

Naphthalene, 2-methyl-

ACGIH TLV TWA value 0.5 ppm; Skin Designation;

The substance can be absorbed through the skin.

Skin Designation;

Danger of cutaneous absorption

#### Advice on system design:

Whenever possible, engineering controls should be used to minimize the need for personal protective equipment.

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#### Personal protective equipment

# RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS:

#### Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) TC23C Chemical/Mechanical type filter system to remove a combination of particles, gas and vapours. For situations where the airborne concentrations may exceed the level for which an air purifying respirator is effective, or where the levels are unknown or Immediately Dangerous to Life or Health (IDLH), use NIOSH-certified full facepiece pressure demand self-contained breathing apparatus (SCBA) or a full facepiece pressure demand supplied-air respirator (SAR) with escape provisions.

#### Hand protection:

Chemical resistant protective gloves, Protective glove selection must be based on the user's assessment of the workplace hazards.

#### Eye protection:

Safety glasses with side-shields. Tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists.

#### **Body protection:**

Body protection must be chosen depending on activity and possible exposure, e.g. head protection, apron, protective boots, chemical-protection suit.

#### General safety and hygiene measures:

Wear long sleeved work shirt and long work pants in addition to other stated personal protective equipment. Work place should be equipped with a shower and an eye wash. Handle in accordance with good industrial hygiene and safety practice. Personal protective equipment should be decontaminated prior to reuse. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks). Take off immediately all contaminated clothing. Store work clothing separately. Hands and/or face should be washed before breaks and at the end of the shift. No eating, drinking, smoking or tobacco use at the place of work. Keep away from food, drink and animal feeding stuffs.

#### 9. Physical and Chemical Properties

Form: liquid Odour: aromatic

Odour threshold: Not determined since harmful by inhalation.

Colour: unspecified pH value: approx. 5 - 7

(1 %(m), approx. 20 °C)

Melting point: approx. -8 °C

Information applies to the solvent.

Boiling point: approx. 220 - 293 °C

Information applies to the solvent.

Flash point: approx. 98 °C (Directive

92/69/EEC, A.9)

Flammability: Product is combustible.

Lower explosion limit: approx. 0.7 %(V)

Information applies to the solvent.

Upper explosion limit: approx. 5.6 %(V)

Information applies to the solvent.

Autoignition: approx. 475 °C (Directive

92/69/EEC, A.15)

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Vapour pressure: approx. 0.05 hPa

(approx. 20 °C)

Information applies to the solvent.

Density: approx. 1.06 g/cm3 (OECD Guideline

(approx. 20 °C) 109)

Vapour density: not applicable Partitioning coefficient n- not applicable

octanol/water (log Pow):

Thermal decomposition: No decomposition if stored and handled as

prescribed/indicated.

Viscosity, kinematic: approx. 8.5 mm2/s (OECD 114)

(approx. 40 °C)

Solubility in water: emulsifiable, insoluble

Molar mass: 387.3 g/mol Evaporation rate: not applicable

Other Information: If necessary, information on other physical and chemical

parameters is indicated in this section.

The product has not been tested. The statement has been derived from substances/products of a similar structure or

composition.

#### 10. Stability and Reactivity

#### Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Corrosion to metals:

Corrosive effects to metal are not anticipated.

Oxidizing properties:

Not an oxidizer.

#### Chemical stability

The product is stable if stored and handled as prescribed/indicated.

#### Possibility of hazardous reactions

The product is chemically stable.

Hazardous polymerization will not occur. No hazardous reactions if stored and handled as prescribed/indicated.

#### **Conditions to avoid**

Avoid sources of ignition. Avoid electro-static discharge. Avoid direct sunlight.

#### Incompatible materials

Nitric acid (HONO2), Sulfuric acid, strong oxidizing agents

#### Hazardous decomposition products

Decomposition products:

No hazardous decomposition products if stored and handled as prescribed/indicated., Prolonged thermal loading can result in products of degradation being given off.

Thermal decomposition:

No decomposition if stored and handled as prescribed/indicated.

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#### 11. Toxicological information

#### Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

#### **Acute Toxicity/Effects**

#### Acute toxicity

Assessment of acute toxicity: Ingestion may cause death unless treated promptly. Harmful by inhalation and in contact with skin.

#### Oral

Type of value: LD50 Species: rat (female)

Value: 260 mg/kg (OECD Guideline 423)

#### Inhalation

Type of value: LC50 Species: rat Value: 3.51 mg/l Exposure time: 4 h Moderately toxic.

Type of value: LC50

Species: rat

Value: 14.04 mg/l (calculated)

Exposure time: 1 h

#### **Dermal**

Type of value: LD50 Species: rat (male/female)

Value: > 4,000 mg/kg (OECD Guideline 402)

No mortality was observed.

#### Assessment other acute effects

Assessment of STOT single:

Causes temporary irritation of the respiratory tract.

Target organ: Respiratory system

#### Irritation / corrosion

Assessment of irritating effects: Eye contact causes irritation. Skin contact causes irritation. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

#### Skin

Species: rabbit

Result: moderately irritating Method: Primary skin irritation test

#### Eye

Species: rabbit

Result: moderately irritating

#### Sensitization

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Assessment of sensitization: Skin sensitizing effects were not observed in animal studies.

Buehler test

Species: guinea pig Result: Non-sensitizing. Method: OECD Guideline 406

#### **Chronic Toxicity/Effects**

#### Repeated dose toxicity

Assessment of repeated dose toxicity: The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: Pyraclostrobin

Assessment of repeated dose toxicity: After repeated exposure the prominent effect is local irritation. The substance may cause damage to the olfactory epithelium after repeated inhalation.

Information on: 2-ethylhexan-1-ol

Assessment of repeated dose toxicity: No substance-specific organization was observed after repeated administration to animals.

May cause liver and kidney damage.

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#### Genetic toxicity

Assessment of mutagenicity: The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: naphthalene

Assessment of mutagenicity: The substance was not mutagenic in bacteria. The substance was mutagenic in a mammalian cell culture test system. The substance was not mutagenic in a test with mammals. Literature data.

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#### Carcinogenicity

Assessment of carcinogenicity: The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: Pyraclostrobin

Assessment of carcinogenicity: In long-term studies in rats and mice in which the substance was given by feed, a carcinogenic effect was not observed.

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#### Reproductive toxicity

Assessment of reproduction toxicity: The product has not been tested. The statement has been derived from the properties of the individual components. The results of animal studies gave no indication of a fertility impairing effect.

#### <u>Teratogenicity</u>

Assessment of teratogenicity: The product has not been tested. The statement has been derived from the properties of the individual components. Animal studies gave no indication of a developmental toxic effect at doses that were not toxic to the parental animals.

#### Other Information

Misuse can be harmful to health.

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Medical conditions aggravated by overexposure

Individuals with pre-existing diseases of the respiratory system, skin or eyes may have increased susceptibility to excessive exposures.

#### 12. Ecological Information

#### **Toxicity**

Aquatic toxicity
Assessment of aquatic toxicity:
Very toxic (acute effect) to aquatic organisms.

#### Toxicity to fish

Information on: pyraclostrobin LC50 (96 h) > 0.0121 - < 0.0258 mg/l, Cyprinus carpio LC50 (96 h) > 0.0196 - < 0.0335 mg/l, Lepomis macrochirus LC50 (96 h) 0.00616 mg/l, Oncorhynchus mykiss

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#### Aquatic invertebrates

Information on: pyraclostrobin EC50 (48 h) 0.0157 mg/l, Daphnia magna

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#### Aquatic plants

Information on: pyraclostrobin EC50 (96 h) > 0.843 mg/l, Pseudokirchneriella subcapitata

#### Assessment of terrestrial toxicity

With high probability not acutely harmful to terrestrial organisms.

#### Other terrestrial non-mammals

Information on: pyraclostrobin LD50 > 2,000 mg/kg, Colinus virginianus Colinus virginianus LC50, Anas platyrhynchos LD50 > 100 ug/bee, Apis mellifera

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#### Mobility in soil

#### Assessment transport between environmental compartments

The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: Pyraclostrobin

Following exposure to soil, adsorption to solid soil particles is probable, therefore contamination of groundwater is not expected.

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#### **Additional information**

Other ecotoxicological advice:

The ecological data given are those of the active ingredient. Do not release untreated into natural waters.

#### 13. Disposal considerations

#### Waste disposal of substance:

Pesticide wastes are regulated. Improper disposal of excess pesticide, spray mix or rinsate is a violation of federal law. If pesticide wastes cannot be disposed of according to label instructions, contact the State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

#### Container disposal:

Rinse thoroughly at least three times (triple rinse) in accordance with EPA recommendations. Consult state or local disposal authorities for approved alternative procedures such as container recycling. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.

Contaminated packaging should be emptied as far as possible and disposed of in the same manner as the substance/product.

#### RCRA:

This product is not regulated by RCRA.

#### 14. Transport Information

#### Land transport

**USDOT** 

Hazard class: 6.1
Packing group: III
ID number: UN 2

ID number: UN 2902 Hazard label: 6.1, EHSM

Proper shipping name: PESTICIDE, LIQUID, TOXIC, N.O.S. (contains SOLVENT

NAPHTHA, PYRACLOSTROBIN)

#### Sea transport

**IMDG** 

Hazard class: 6.1 Packing group: III

ID number: UN 2902 Hazard label: 6.1, EHSM Marine pollutant: YES

Proper shipping name: PESTICIDE, LIQUID, TOXIC, N.O.S. (contains SOLVENT

NAPHTHA, PYRACLOSTROBIN)

#### Air transport

IATA/ICAO

Hazard class: 6.1
Packing group: III
ID number: UN 2902
Hazard label: 6.1

Proper shipping name: PESTICIDE, LIQUID, TOXIC, N.O.S. (contains SOLVENT

NAPHTHA, PYRACLOSTROBIN)

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#### 15. Regulatory Information

#### **Federal Regulations**

Registration status:

Chemical TSCA, US blocked / not listed

Crop Protection TSCA, US released / exempt

**EPCRA 311/312 (Hazard categories):** Refer to SDS section 2 for GHS hazard classes applicable for this product.

**EPCRA 313:** 

<u>CAS Number</u> <u>Chemical name</u> 91-20-3 naphthalene

#### Safe Drinking Water & Toxic Enforcement Act, CA Prop. 65:

**WARNING:** This product can expose you to chemicals including ETHYLENE OXIDE, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

#### Labeling requirements under FIFRA

This chemical is a pesticide product registered by the Environmental Protection Agency and is subject to certain labeling requirements under federal pesticide law. These requirements differ from the classification criteria and hazard information required for safety data sheets, and workplace labels of non-pesticide chemicals. Following is the hazard information as required on the pesticide label.

WARNING:

Causes substantial but temporary eye injury.

CAUSES SKIN IRRITATION.

HARMFUL IF ABSORBED THROUGH SKIN.

KEEP OUT OF REACH OF CHILDREN.

KEEP OUT OF REACH OF DOMESTIC ANIMALS.

Avoid contact with the skin, eyes and clothing.

#### 16. Other Information

#### SDS Prepared by:

BASF NA Product Regulations SDS Prepared on: 2021/01/12

We support worldwide Responsible Care® initiatives. We value the health and safety of our employees, customers, suppliers and neighbors, and the protection of the environment. Our commitment to Responsible Care is integral to conducting our business and operating our facilities in a safe and environmentally responsible fashion, supporting our customers and suppliers in ensuring the safe and environmentally sound handling of our products, and minimizing the impact of our operations on society and the environment during production, storage, transport, use and disposal of our products.

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IMPORTANT: WHILE THE DESCRIPTIONS, DESIGNS, DATA AND INFORMATION CONTAINED HEREIN ARE PRESENTED IN GOOD FAITH AND BELIEVED TO BE ACCURATE, IT IS PROVIDED FOR YOUR GUIDANCE ONLY. BECAUSE MANY FACTORS MAY AFFECT PROCESSING OR APPLICATION/USE, WE RECOMMEND THAT YOU MAKE TESTS TO DETERMINE THE SUITABILITY OF A PRODUCT FOR YOUR PARTICULAR PURPOSE PRIOR TO USE. NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS. IN NO CASE SHALL THE DESCRIPTIONS, INFORMATION, DATA OR DESIGNS PROVIDED BE CONSIDERED A PART OF OUR TERMS AND CONDITIONS OF SALE. FURTHER, YOU EXPRESSLY UNDERSTAND AND AGREE THAT THE DESCRIPTIONS, DESIGNS, DATA, AND INFORMATION FURNISHED BY OUR COMPANY HEREUNDER ARE GIVEN GRATIS AND WE ASSUME NO OBLIGATION OR LIABILITY FOR THE DESCRIPTION, DESIGNS, DATA AND INFORMATION GIVEN OR RESULTS OBTAINED, ALL SUCH BEING GIVEN AND ACCEPTED AT YOUR RISK. **END OF DATA SHEET**