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1. Identification

Product identifier used on the label

PT Pro-Control Plus

Recommended use of the chemical and restriction on use

Recommended use*: insecticide

* 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.

Details of the supplier of the safety data sheet

<u>Company:</u> 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:414057Registration number:EPA Registration number: 499-462Synonyms:Pyrethrins + cyfluthrin + piperonyl butoxide

2. Hazards Identification

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

Classification of the product

STOT SE

Aquatic Acute

3 (May cause drowsiness and dizziness.) Specific target organ toxicity — single exposure

Hazardous to the aquatic environment - acute

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Aquatic Chronic Repr. Flam. Aerosol	1 Add. cat. lact. 1	Hazardous to the aquatic environment - chronic Reproductive toxicity Flammable aerosols
Label elements		
Pictogram:		
Signal Word: Danger		
Hazard Statement: H222 H336 H362 H400 H410	Extremely flammable aero May cause drowsiness or May cause harm to breas Very toxic to aquatic life. Very toxic to aquatic life v	dizziness. t-fed children.
Precautionary Stateme P210		t surfaces, sparks, open flames and other
P273 P271 P260 P211 P251 P263 P270 P264	Avoid release to the environment. Use only outdoors or in a well-ventilated area. Do not breathe dust or mist. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid contact during pregnancy and while nursing. Do not eat, drink or smoke when using this product. Wash contaminated body parts thoroughly after handling.	
Precautionary Stateme P312 P304 + P340	Call a POISON CENTER	or physician if you feel unwell. rson to fresh air and keep comfortable for
P391 P308 + P313	Collect spillage. IF exposed or concerned:	Get medical attention.
Precautionary Stateme P403 + P233 P410 + P412 P405	Store in a well-ventilated	place. Keep container tightly closed. no expose to temperatures exceeding 50
Precautionary Stateme P501		ainer in accordance with local regulations.

Hazards not otherwise classified

<u>Labeling of special preparations (GHS):</u> Repeated exposure may cause skin dryness or cracking. May cause paraesthesia. Contains: Pyrethrins, Cyfluthrin

3. Composition / Information on Ingredients

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

Pyrethrins

CAS Number: 8003-34-7 Content (W/W): 0.5 % Synonym: Pyrethrin

Cyfluthrin

CAS Number: 1820573-27-0 Content (W/W): 0.1 % Synonym: No data available.

Piperonylbutoxide

CAS Number: 51-03-6 Content (W/W): 1.0 % Synonym: Piperonylbutoxide

Acetone

CAS Number: 67-64-1 Content (W/W): 20.0 - 25.0% Synonym: 2-Propanone Acetone; Dimethyl ketone

Distillates, petroleum

CAS Number: 64742-47-8 Content (W/W): >= 1.0 - < 3.0% Synonym: Distillates, petroleum, hydrotreated light

4. First-Aid Measures

Description of first aid measures

General advice:

First aid personnel should pay attention to their own safety. If the patient is likely to become unconscious, place and transport in stable sideways position (recovery position). Immediately remove contaminated clothing.

If inhaled:

Keep patient calm, remove to fresh air, seek medical attention.

If on skin:

Wash thoroughly with soap and water

If in eyes:

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

If swallowed:

Immediately rinse mouth and then drink 200-300 ml of water, seek medical attention. Do not induce vomiting due to aspiration hazard.

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: 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 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

Indication of any immediate medical attention and special treatment needed

Note to physician Treatment:

Treat according to symptoms (decontamination, vital functions), no known specific antidote.

5. Fire-Fighting Measures

Extinguishing media

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

Special hazards arising from the substance or mixture

Hazards during fire-fighting:

carbon monoxide, carbon dioxide, Hydrogen chloride, hydrogen fluoride, halogenated hydrocarbons, hydrocarbons

If product is heated above decomposition temperature, toxic vapours will be released. The substances/groups of substances mentioned can be released in case of fire. Aerosol container contains flammable gas under pressure.

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. A spill of or in excess of the reportable quantity requires notification to state, local and national emergency authorities. This product is regulated by CERCLA ('Superfund').

Methods and material for containment and cleaning up

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Dike spillage. Pick up with suitable absorbent material. 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. Provide good ventilation of working area (local exhaust ventilation if necessary). Keep away from sources of ignition - No smoking. Keep container tightly sealed. Protect against heat. 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. Provide means for controlling leaks and spills. 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:

Aerosol container contains flammable gas under pressure. The relevant fire protection measures should be noted. Fire extinguishers should be kept handy. Avoid all sources of ignition: heat, sparks, open flame. Avoid extreme heat. Ground all transfer equipment properly to prevent electrostatic discharge. Electrostatic discharge may cause ignition.

Conditions for safe storage, including any incompatibilities

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

Further information on storage conditions: Protect containers from physical damage. Store in a cool, dry, well-ventilated area. Avoid all sources of ignition: heat, sparks, open flame.

Storage stability: May be kept indefinitely if stored properly. If an expiry date is mentioned on the packaging/label this takes priority over the statements on storage duration in this safety data sheet. Protect from temperatures above: 130 °F Explosive at or above indicated temperature.

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

Acetone	ACGIH, US:	TWA value 250 ppm ;
	ACGIH, US:	STEL value 500 ppm ;
	OSHA Z1:	PEL 1,000 ppm 2,400 mg/m3 ;

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Distillates, petroleum	ACGIH, US:	TWA value 200 mg/m3 Non-aerosol (total hydrocarbon vapor); Application restricted to conditions in which there are negligible aerosol exposures.
	ACGIH, US:	Skin Designation Non-aerosol (total hydrocarbon vapor); Danger of cutaneous absorption

Advice on system design:

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

<u>Personal protective equipment</u> RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS:

Respiratory protection:

Wear respiratory protection if ventilation is inadequate. Wear a NIOSH-certified (or equivalent) organic vapour/particulate respirator. 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:

RECOMMENDATIONS FOR MANUFACTURING, COMMERCIAL BLENDING, AND PACKAGING WORKERS 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: Odour: Odour threshold: liquid characteristic, of acetone Not determined due to potential health hazard by inhalation.

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Colour:	straw yellow to orange	
	cloudy	
pH value:	approx. 5.5 - 7.5	
	(1%(m), approx. 22.5 °C)	
Melting point:	approx141 °C	
	Information applies to the propellant.	
Flash point:	> -42 °C	
	Information applies to the propellant.	
Flammability:	Extremely flammable.	(calculated)
NFPA 30B flammability:	Level 2 Aerosol	
Lower explosion limit:	3.4 %(V)	(air)
Upper explosion limit:	18 %(V)	(air)
Autoignition:	approx. 235 °C	
-	Information applies to the propellant.	
Density:	approx. 0.93 g/cm3	
	(20 °C)	
Vapour density:	not applicable	
Partitioning coefficient n-	not applicable	
octanol/water (log Pow):		
Thermal decomposition:	carbon monoxide, carbon dioxide, Hydrogen chloride, hydrogen	
	fluoride	
	Stable at ambient temperature. If product is heated above	
	decomposition temperature toxic vapours	may be released. To
	avoid thermal decomposition, do not over	heat.
Viscosity, dynamic:	approx. 1.81 mPa.s	
	(19.4 °C)	
Solubility in water:	dispersible	
Evaporation rate:	not applicable	
Other Information: If necessary, information on other physical and chemical		I and chemical
	parameters is indicated in this section.	

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: Based on its structural properties the product is not classified as oxidizing.

Chemical stability

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

Possibility of hazardous reactions

The product is chemically stable.

Conditions to avoid

Avoid all sources of ignition: heat, sparks, open flame. Avoid prolonged storage. Avoid electro-static discharge. Avoid contamination. Avoid prolonged exposure to extreme heat. Avoid extreme temperatures.

Incompatible materials

organic acids, oxidizing agents, acid anhydrides, strong acids, strong bases, strong oxidizing agents

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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:

Possible thermal decomposition products:

carbon monoxide, carbon dioxide, Hydrogen chloride, hydrogen fluoride Stable at ambient temperature. If product is heated above decomposition temperature toxic vapours may be released. To avoid thermal decomposition, do not overheat.

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: Relatively nontoxic after single ingestion. Slightly toxic after short-term skin contact. Relatively nontoxic after short-term inhalation.

<u>Oral</u> Type of value: LD50 Species: rat Value: 4,180 mg/kg

Inhalation Type of value: LC50 Species: rat Value: > 5.42 mg/l Exposure time: 4 h

An aerosol was tested. No mortality was observed.

<u>Dermal</u> Type of value: LD50 Species: rabbit Value: > 2,000 mg/kg No mortality was observed.

Assessment other acute effects

Assessment of STOT single: Possible narcotic effects (drowsiness or dizziness). Causes temporary irritation of the respiratory tract.

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

Irritation / corrosion

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Assessment of irritating effects: Not irritating to eyes and skin. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

<u>Skin</u> Species: rabbit Result: non-irritant

<u>Eye</u> Species: rabbit Result: non-irritant

Sensitization

Assessment of sensitization: No sensitizing effect. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

modified Buehler test Species: guinea pig Result: Non-sensitizing.

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: Piperonylbutoxide

Assessment of repeated dose toxicity: The substance may cause damage to the liver after repeated ingestion of high doses, as shown in animal studies. The substance may cause damage to the liver after repeated inhalation of high doses. Repeated dermal uptake of the substance did not cause substance-related effects.

Information on: Cyfluthrin

Assessment of repeated dose toxicity: Based on the chemical structure a neurotoxic effect by repeated administration cannot be excluded.

Genetic toxicity

Assessment of mutagenicity: The product has not been tested. The statement has been derived from the properties of the individual components. Mutagenicity tests revealed no genotoxic potential.

Carcinogenicity

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

Information on: Distillates (petroleum), hydrotreated light

Assessment of carcinogenicity: Long-term exposure to highly irritating concentrations resulted in skin tumors in animals. A carcinogenic effect in humans can be excluded after brief skin contact. The product has not been tested. The statement has been derived from substances/products of a similar structure or composition.

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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.

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Information on: Cyfluthrin Assessment of reproduction toxicity: Animal studies indicated reproductive effects only at doses also toxic to the parental animals.

Teratogenicity

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

Information on: Cyfluthrin Assessment of teratogenicity: May cause harm to children via breast-feeding.

<u>Other Information</u> Misuse can be harmful to health. Has a degreasing effect on skin.

12. Ecological Information

Toxicity

Aquatic toxicity Assessment of aquatic toxicity: Acutely toxic for fish.

Toxicity to fish

Information on: pyrethrum LC50 (96 h) 0.0052 mg/l, Oncorhynchus mykiss (static) LC50 (96 h) 0.01 mg/l, Lepomis macrochirus

Information on: Cyfluthrin LC50 (96 h) 0.00047 mg/l, Oncorhynchus mykiss

Information on: 1,3-Benzodioxole, 5-[[2-(2-butoxyethoxy)ethoxy]methyl]-6-propyl-LC50 3.49 mg/l, Cyprinodon variegatus LC50 1.9 mg/l, Oncorhynchus mykiss

Information on: Acetone LC50 (96 h) 6,210 mg/l, Pimephales promelas (OECD 203; ISO 7346; 84/449/EWG, C.1, Flow through.) The statement of the toxic effect relates to the analytically determined concentration. LC50 (96 h) 5,540 mg/l, Oncorhynchus mykiss (Fish test acute, static) Nominal concentration.

Information on: dimethyl ether

Aquatic invertebrates

Information on: pyrethrum EC50 (48 h) 0.012 mg/l, Daphnia magna EC50 (48 h) 0.0014 mg/l, Mysidopsis bahia

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Information on: Cyfluthrin EC50 (48 h) 0.00016 mg/l, Daphnia magna

Information on: 1,3-Benzodioxole, 5-[[2-(2-butoxyethoxy)ethoxy]methyl]-6-propyl-LC50 0.51 mg/l, Gammarus fasciatus LC50 0.49 mg/l, Mysidopsis bahia

Information on: Acetone LC50 (48 h) 8,800 mg/l, Daphnia pulex (Daphnia test acute, static) Nominal concentration. LC50 (24 h) 2,100 mg/l, Artemia salina (Daphnia test acute, static) Nominal concentration.

Information on: dimethyl ether

Aquatic plants

Information on: Cyfluthrin EC50 (96 h) > 10 mg/l, Scenedesmus subspicatus

Information on: Acetone Toxic limit concentration (8 d) 530 mg/l (biomass), Microcystis aeruginosa (DIN 38412 Part 9, static) Nominal concentration.

Chronic toxicity to fish

Information on: Piperonylbutoxide No observed effect concentration (35 d) 0.18 mg/l, Pimephales promelas (OPP 72-4 (EPA-Guideline), Flow through.) The details of the toxic effect relate to the nominal concentration. The product has low solubility in the test medium. An aqueous solution prepared with solubilizers has been tested.

Information on: Pyrethrins No observed effect concentration 0.0019 mg/l, Pimephales promelas

Information on: Cyfluthrin No observed effect concentration (58 d) 0.00001 mg/l, Oncorhynchus mykiss

Chronic toxicity to aquatic invertebrates

Information on: Piperonylbutoxide No observed effect concentration (21 d) 0.03 mg/l, Daphnia magna (OPP 72-4 (EPA-Guideline), Flow through.) The details of the toxic effect relate to the nominal concentration. The product has low solubility in the test medium. An aqueous solution prepared with solubilizers has been tested.

Information on: Pyrethrins No observed effect concentration (28 d) 0.00086 mg/l, Daphnia magna

Information on: Cyfluthrin No observed effect concentration (28 d) 0.00041 μg/l, aquatic crustacea Revision date: 2024/03/26 Version: 6.0

Persistence and degradability

<u>Assessment biodegradation and elimination (H2O)</u> The product has not been tested. The statement has been derived from the properties of the individual components.

Bioaccumulative potential

<u>Assessment bioaccumulation potential</u> The product has not been tested. The statement has been derived from the properties of the individual components.

Bioaccumulation potential

Information on: Piperonylbutoxide

Bioconcentration factor: 91 - 380 (28 d), Lepomis macrochirus (OECD Guideline 305 E)

Information on: Pyrethrins

Bioconcentration factor: 471 Accumulation in organisms is not to be expected.

Information on: Cyfluthrin

Bioconcentration factor: 506 Does not accumulate in organisms.

Mobility in soil

<u>Assessment transport between environmental compartments</u> The product has not been tested. The statement has been derived from the properties of the individual components.

Information on: Piperonylbutoxide

Adsorption to solid soil phase is not expected.

Information on: Pyrethrins

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

Information on: Cyfluthrin

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

Additional information

Other ecotoxicological advice: Do not discharge product into the environment without control.

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13. Disposal considerations

Waste disposal of substance:

Pesticide wastes are regulated. 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:

Do not cut, puncture, crush, or incinerate empty aerosol containers. Consult state or local disposal authorities for approved alternative procedures such as container recycling. Empty aerosol cans may meet the definition of RCRA D003. Consult local and/or regional EPA for further guidance.

14. Transport Information

Land transport USDOT Hazard class: ID number: Hazard label: Proper shipping name:	2.1 UN 1950 2.1, EHSM AEROSOLS
Sea transport IMDG Hazard class: ID number: Hazard label: Marine pollutant: Proper shipping name:	2.1 UN 1950 2.1, EHSM YES AEROSOLS (contains DIMETHYLETHER, CYFLUTHRIN)
Air transport IATA/ICAO Hazard class: ID number: Hazard label:	2.1 UN 1950 2.1

Further information

Proper shipping name:

DOT: This product may be classified as ORM-D (Consumer Commodity) or Limited Quantity. After 12/31/2020, ORM-D will not apply.

AEROSOLS, FLAMMABLE

15. Regulatory Information

Federal Regulations

Registration status: Crop Protection TSCA, US released / exempt

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

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CERCLA RQ	CAS Number	Chemical name
5000 LBS	67-64-1	Acetone
100 LBS	115-10-6	dimethyl ether
1 LBS	8003-34-7	Pyrethrins

State regulations

State RTK	CAS Number	Chemical name
PA	67-64-1	Acetone
	115-10-6	dimethyl ether
	64742-47-8	Distillates, petroleum
MA	67-64-1	Acetone
	115-10-6	dimethyl ether
	64742-47-8	Distillates, petroleum
NJ	67-64-1	Acetone
	115-10-6	dimethyl ether
	64742-47-8	Distillates, petroleum

Labeling requirements under FIFRA

This chemical is a pesticide product regulated 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.

CAUTION:

EXTREMELY FLAMMABLE. KEEP OUT OF REACH OF CHILDREN. Hazards to humans and domestic animals. HARMFUL IF ABSORBED THROUGH SKIN.

Avoid breathing mist/spray.

Avoid contact with the skin, eyes and clothing.

Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Remove PPE immediately after handling this product.

As soon as possible, wash thoroughly and change into clean clothing.

Keep and wash personal protective equipment separately from other laundry.

Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

Aerosol container contains flammable gas under pressure.

Keep away from heat, open flames, and sparks.

16. Other Information

SDS Prepared by:

BASF NA Product Regulations SDS Prepared on: 2024/03/26

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

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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.

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