

Protecto Flex (Aerosol) (Rev. 11-30-23)

SDS Number: A165C

Revision Date: 11/30/2023

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PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
5734 Susitna Dr
Harahan, LA 70123

Contact: Ligia M. Hernandez
Phone: 504-733-1152
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Web: www.wechem.com

Product Identifier: Protecto Flex (Aerosol) (Rev. 11-30-23)
SDS Number: A165C
Product Code: A165
Revision Date: 11/30/2023
Instructions: Metal Parts Protector

Emergency Telephone Number:
INFOTRAC
1-800-535-5053

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HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Physical, Flammable Aerosols, 1
Physical, Gases Under Pressure, Liquefied Gas
Health, Aspiration hazard, 1
Health, Skin corrosion/irritation, 2
Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Specific target organ toxicity - Single exposure, 3
Health, Carcinogenicity, 1
Health, Germ cell mutagenicity, 1 B

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

H222 - Extremely flammable aerosol
H280 - Contains gas under pressure; may explode if heated
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H320 - Causes eye irritation
H336 - May cause drowsiness or dizziness
H350 - May cause cancer.
H340 - May cause genetic defects.

GHS Precautionary Statements:

P102 - Keep out of reach of children.
P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking

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- P211 - Do not spray on an open flame or other ignition source.
- P251 - Pressurized container: Do not pierce or burn, even after use.
- P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
- P261 - Avoid breathing dust/fume/gas/mist/vapors/spray.
- P264 - Wash hands thoroughly after handling.
- P270 - Do not eat, drink or smoke when using this product.
- P271 - Use only outdoors or in a well-ventilated area.
- P280 - Wear protective gloves and eye protection.
- P301+310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
- P303 - IF ON SKIN (or hair): Wash with plenty of water.
- P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P308+313 - IF exposed or concerned: Get medical advice/attention.
- P314 - Get medical advice/attention if you feel unwell.
- P331 - Do NOT induce vomiting.
- P332 + P313 - If skin irritation occurs: Get medical advice/attention.
- P332+313 - If skin irritation occurs: Get medical advice/attention.
- P337 + P313 - If eye irritation persists: Get medical advice/attention.
- P362 + P364 - Take off contaminated clothing and wash it before reuse.
- P403 - Store in a well-ventilated place.
- P405 - Store locked up.
- P410 - Protect from sunlight.
- P412 - Do not expose to temperatures exceeding 50 °C/122 °F
- P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry:	Inhalation, Ingestion, eye, skin
Target Organs:	NA
Inhalation:	May be fatal if swallowed and enters airways.
Skin Contact:	Causes skin irritation.
Eye Contact:	Causes Eye irritation.
Ingestion:	May be fatal if swallowed and enters airways.

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COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients:	
CAS#	% Chemical Name:
142-82-5	10-15% Heptane
64742-48-9	15-25% Naphtha, petroleum, hydrotreated heavy
68476-86-8	20-30% Propane/ n-Butane

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

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FIRST AID MEASURES

Inhalation:	Move to fresh air. If breathing is difficult or unconscious, administer oxygen. If not breathing administer artificial respiration. Seek medical attention if irritation persists
Skin Contact:	Immediately wash with soap and water for 15 minutes. Remove contaminated clothing and shoes immediately. Seek medical attention if irritation develops.
Eye Contact:	Immediately flush with water for 15 - 20 minutes while holding eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Seek medical attention.
Ingestion:	If swallowed: Rinse mouth. Do NOT induce vomiting. Get medical advice or attention.
ACUTE HEALTH HAZARDS:	Eyes: redness, tearing, blurred vision Skin: defatting and dermatitis

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Inhalation: Anesthetic, irritation, Central Nervous System depression
Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk

CHRONIC HEALTH HAZARDS: Repeated or prolonged exposure may be toxic to brain, lungs and central nervous system (CNS).

NOTE TO PHYSICIAN: If ingested, material may be aspirated into the lungs and cause chemical pneumonitis. Treat appropriately

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FIRE FIGHTING MEASURES

Flammability: Extremely flammable aerosol
Flash Point: Not Determined
EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, and alcohol foam.

UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.

SPECIAL FIRE FIGHTING PROCEDURES: Wear NIOSH approved Self Contained Breathing Apparatus with a full face piece operated in a positive pressure demand mode with full body protective clothing when fighting fires. Use water spray only to cool exposed containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS: EXTREMELY FLAMMABLE. Contents under pressure. Keep away from sparks, open flames, and hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Exposure to temperatures above 120 F may cause bursting.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.

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ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

SPILL: Remove any source of ignition. Use non-sparking tools and equipment. Use absorbent on spill sweep to clean. Dispose in accordance with local, state and federal laws. Small releases may be wiped up with wiping material.

WASTE DISPOSAL: Dispose of in accordance with local, State and Federal regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate or reuse container.

RCRA STATUS: Waste likely considered as D001 (Ignitable waste) under RCRA, however product should be fully characterized prior to disposal (40CFR 261).

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HANDLING AND STORAGE

Handling Precautions: Pressurized container: Do not pierce or burn, even after use. Do not puncture or incinerate (burn) cans. Do not stick pins, nails, or any other sharp objects into opening on top of can. Do not spray in eyes. Do not take internally. Use in a well-ventilated place. Do not expose to temperatures exceeding 50°C/122°F.

OTHER PRECAUTIONS: Keep out of the reach of children.
INCOMPATIBILITY: Certain plastics

Level 3 Aerosol

Storage Requirements: Do not expose to temperatures exceeding 50°C/122°F. Store locked up. Protect from sunlight.

OTHER PRECAUTIONS: Keep out of the reach of children.

INCOMPATIBILITY: Certain plastics

Level 3 Aerosol.

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EXPOSURE CONTROLS/PERSONAL PROTECTION
**Engineering Controls:
Personal Protective
Equipment:**

Ventilation should be sufficient to prevent inhalation of any vapors.

Eye Protection: Wear safety glasses with side shields. Eyewash stations and showers should be available in areas where this material is used and stored.

Skin Protection: Use solvent-resistant protective gloves for prolonged or repeated contact.

Respiratory Protection: Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use an approved air line respirator or hood. A self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Heptane cas#:(142-82-5) [10-15%]

Components with workplace control parameters

TWA	85 ppm 350 mg/m3	USA. NIOSH Recommended Exposure Limits
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C	440 ppm 1,800 mg/m3 15 minute ceiling value	USA. NIOSH Recommended Exposure Limits
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TWA	500 ppm 2,000 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
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The value in mg/m3 is approximate.

TWA	400 ppm 1,600 mg/m3	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
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STEL	500 ppm 2,000 mg/m3	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
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TWA	400 ppm (TLV)	USA. ACGIH Threshold Limit Values
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 Central Nervous System impairment
Upper Respiratory Tract irritation

STEL	500 ppm (TLV)	USA. ACGIH Threshold Limit Values
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 Central Nervous System impairment
Upper Respiratory Tract irritation

 Hydrotreated naphtha, heavy (CAS# 64742-48-9) [15-25%]
ACGIH TLV 300 ppm

 Propane/n-Butane (CAS# 68476-86-8) [20-30%]
OSHA PEL 1000 ppm
ACGIH TLV 1000 ppm

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PHYSICAL AND CHEMICAL PROPERTIES
Appearance: Hazy, Dark brown liquid

Physical State: aerosol

Spec Grav./Density: 0.79-0.81 @ 77F

Odor: Hydrocarbon

Solubility: 0% in water

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Viscosity:	Not determined	Flash Point:	Not determined
Boiling Point:	NA	Octanol:	NA
Flammability:	Extremely Flammable Aerosol	Vapor Density:	Not determined
Vapor Pressure:	Not determined	VOC:	75.2%
pH:	Not applicable		

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STABILITY AND REACTIVITY

Reactivity:	None Known
Chemical Stability:	Stable under normal storage and handling conditions.
Conditions to Avoid:	Temperatures greater than 122°F and sources of ignition. Avoid heat, sparks, flame, high temperature and contact with incompatible materials. Dropping containers may cause bursting.
Materials to Avoid:	Avoid strong oxidizers, reducers, acids, and alkalis and certain plastics
Hazardous Decomposition:	Oxides of carbon.
Hazardous Polymerization:	None Known

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TOXICOLOGICAL INFORMATION**ROUTES OF ENTRY:** Eyes, Ingestion, Inhalation, Skin**EYES:** Causes irritation, burning, redness, tearing.**INGESTION:** May cause gastrointestinal irritation, nausea, diarrhea, vomiting, abdominal cramps.**INHALATION:** May cause irritation to the respiratory tract, nausea, vomiting.**SKIN:** May cause mild irritation, localized defatting, repeated prolonged contact may cause allergic reaction in some individuals.**MEDICAL CONDITION AGGRAVATED:** Preexisting disorders of skin, lung, and heart**ACUTE HEALTH HAZARDS:** Eyes: redness, tearing, blurred vision

Skin: defatting and dermatitis

Inhalation: Anesthetic, irritation, Central Nervous System depression

Oral: abdominal irritation, nausea, vomiting, diarrhea, aspiration risk

CHRONIC HEALTH HAZARDS: Repeated or prolonged exposure may be toxic to brain, lungs and central nervous system (CNS).**CARCINOGENICITY:** OSHA: Yes ACGIH: No NTP: 2-Anticipated IARC: 2B- possible carcinogenic to humans**OTHER:** CA Prop 65

Heptane cas#:(142-82-5) [10-15%]

Information on toxicological effects**Acute toxicity:** no data available**LC50 Inhalation - rat - 4 h - 103,000 mg/m³****Inhalation:** Irritating to respiratory system.**Dermal:** no data available

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Skin corrosion/irritation: no data available**Serious eye damage/eye irritation: Eyes - rabbit Result: No eye irritation (OECD Test Guideline 405)****Respiratory or skin sensitisation: no data available****Germ cell mutagenicity: no data available****Carcinogenicity:****This product is or contains a component that is not classifiable as to its carcinogenicity based on its IARC, ACG IH, NTP, or EPA classification.****IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.****ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.****NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.****OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.****Reproductive toxicity: no data available****Specific target organ toxicity - single exposure: May cause drowsiness or dizziness.****Specific target organ toxicity - repeated exposure: no data available****Aspiration hazard: May be fatal if swallowed and enters airways.****Additional Information:****RTECS: MI7700000****Prolonged or repeated exposure to skin causes defatting and dermatitis., Central nervous system depression, narcosis, Damage to the lungs.****Stomach - Irregularities - Based on Human Evidence**

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ECOLOGICAL INFORMATION

Heptane cas#:(142-82-5) [10-15%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Carassius auratus (goldfish) - 4 mg/l - 24.0 h.

LC50 - Tilapia mossambica - 375 mg/l - 96.0 h

Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - 1.50 mg/l - 48 h.
other aquatic invertebrates

Persistence and degradability: Ratio BOD/ThBOD 3.5 %

Bioaccumulative potential: Indication of bioaccumulation.

Mobility in soil: no data available

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Results of PBT and vPvB assessment PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Very toxic to aquatic life with long lasting effects.

Do not empty into drains. Avoid release to the environment.

ECOLOGICAL INFORMATION: Not Established

BIODEGRADABILITY: This product is biodegradable.

BIOACCUMULATION: This product is not expected to bioaccumulate.

SOIL MOBILITY: This product is mobile in soil.

OTHER ECOLOGICAL HAZARDS: This material is toxic to aquatic life.

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DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with local, State and Federal regulations. Do not dump in sewers. Wrap container and place in trash collection. Do not puncture, incinerate or reuse container.

RCRA STATUS: Waste likely considered as D001 (Ignitable waste) under RCRA, however product should be fully characterized prior to disposal (40CFR 261).

Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.

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TRANSPORT INFORMATION

PROPER SHIPPING NAME: Aerosols, Ltd. Qty.

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKAGING GROUP: N/A

AIR SHIPMENT

PROPER SHIPPING NAME: Aerosols, flammable

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKAGING GROUP: N/A

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: Aerosols

HAZARD CLASS/DIVISION: 2.1

UN/NA NUMBER: UN 1950

PACKAGING GROUP: N/A

ENVIRONMENTAL HAZARDS WATER: Marine Pollutant

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REGULATORY INFORMATION

[%] RQ (CAS#) Substance - Reg Codes

[10-15%] Heptane (142-82-5) MASS, OSHAWAC, PA, TSCA, TXAIR

[15-25%] Naphtha, petroleum, hydrotreated heavy (64742-48-9) TSCA

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[20-30%] Propane/ n-Butane (68476-86-8) TSCA

California Proposition 65: WARNING: This product can expose you to chemicals including Benzene, 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

Regulatory Code Legend

MASS = MA Massachusetts Hazardous Substances List
OSHAWAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TSCA = Toxic Substances Control Act
TXAIR = TX Air Contaminants with Health Effects Screening Level

16	OTHER INFORMATION
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We believe the statements technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind.

N/A = Not available N/D = Not determined;

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