

PGS- Paint and Gasket Stripper (Bulk) (Rev 1-20-25)

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PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: PGS- Paint and Gasket Stripper (Bulk) (Rev 1-20-25)
SDS Number: S70A
Product Code: S70
Revision Date: 1/20/2025
Product Use: Paint and Gasket Stripper in Bulk
Supplier Details: Wechem, Inc
 5734 Susitna Dr
 Harahan, LA 70123
Contact: Ligia M. Hernandez
Phone: 504-733-1152
Fax: 504-733-2218
Web: www.wechem.com

Emergency Telephone Number:
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 Liquids, 2
 Health, Skin corrosion/irritation, 1
 Health, Specific target organ toxicity - Single exposure, 3
 Health, Reproductive toxicity, 2
 Health, Specific target organ toxicity - Repeated exposure, 2

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **DANGER**

GHS Hazard Pictograms:



GHS Hazard Statements:

H225 - Highly flammable liquid and vapor
 H314 - Causes severe skin burns and eye damage
 H336 - May cause drowsiness or dizziness
 H361 - Suspected of damaging fertility or the unborn child.
 H373 - May cause damage to organs through prolonged or repeated exposure

GHS Precautionary Statements:

P201 - Obtain special instructions before use.
 P210 - Keep away from heat/sparks/open flames/hot surfaces. No smoking
 P240 - Ground and bond container and receiving equipment.
 P241 - Use explosion-proof electrical/ventilating/lighting equipment.
 P242 - Use only non-sparking tools.
 P243 - Take action to prevent static discharges.
 P260 - Do not breathe gas.
 P264 - Wash 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/protective clothing/eye protection/face protection.
 P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
 P301 + P312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
 P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
 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 + P313 - IF exposed or concerned: Get medical advice/ attention.
P315 - Get immediate medical advice/attention.
P321 - Specific treatment (see First Aid Measures section of this SDS).
P332 + P313 - If skin irritation occurs: Get medical advice/attention.
P363 - Wash contaminated clothing before reuse.
P370 + P378 - In case of fire: Use alcohol resistant foam, Carbon dioxide, or dry powder to extinguish.
P403 + P233 - Store in a well-ventilated place. Keep container tightly closed.
P403 + P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.
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: Ingestion, Inhalation, skin absorption, eye
Inhalation: May cause damage to organs by inhalation. May cause damage to organs through prolonged or repeated exposure by inhalation.
Skin Contact: Causes irritation.
Eye Contact: Causes serious eye damage.
Ingestion: Causes gastrointestinal irritation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients:		
CAS#	%	Chemical Name:
67-64-1	35-45%	Acetone
646-06-0	25-35%	1,3-Dioxolane
141-43-5	1-5%	Monoethanolamine
100-79-8	1-5%	Isopropylidene glycol

4 FIRST AID MEASURES

Inhalation: Move to fresh air. If breathing is difficult, administer oxygen. If heartbeat or breathing seem irregular, seek immediate medical attention.
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 eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a physician or poison control center immediately.
Ingestion: Rinse mouth with water. Do not induce vomiting unless directed by medical authority. Seek medical attention if irritation persists.

ACUTE HEALTH HAZARDS: Causes severe skin burns and eye damage. Causes skin irritation. Inhalation of vapors may cause nausea, dizziness and drowsiness.

CHRONIC HEALTH HAZARDS: Causes damage to organs through prolonged and repeated exposure. May cause reproductive effects affecting fertility and/or development of the unborn child.

NOTE TO PHYSICIAN: There is no specific treatment regimen. Treatment of overexposure should be directed toward the control of symptoms and the clinical condition of the patient.

5 FIRE FIGHTING MEASURES

Flammability: Highly Flammable Liquid
Flash Point: Not determined
EXTINGUISHING MEDIA: Dry chemical, foam or carbon dioxide.

UNSUITABLE EXTINGUISHING MEDIA: Water jets or streams may spread fire.

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.

UNUSUAL FIRE AND EXPLOSION HAZARDS: HIGHLY FLAMMABLE. Keep away from heat, sparks, open flames and other sources of ignition.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon.

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

SPILL: Contain spill, eliminate ignition sources and ventilate area. Prevent spill from entering sewers, storm drains, and natural waterways. Use non-combustible material like vermiculite, sand or earth for larger spills.

WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations.

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

HANDLING AND STORAGE

Handling Precautions: Store in a cool, dry area. Keep away heat, open flames, or other sources of ignition. Do not reuse empty container. Keep out of reach of children

Storage Requirements: Keep out of the reach of children. Follow label directions exactly. Avoid contact with eyes, skin or clothing.
INCOMPATIBILITY: Strong acids

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Local ventilation/exhaust adequate to maintain vapor concentrations below PEL/TLV.

Personal Protective Equipment:

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses/goggles and chemical resistant gloves.

ADDITIONAL MEASURES: Avoid contact with skin, eyes or clothing. Do not touch eyes when using this product. Wash hands thoroughly with soap and water after use. Take off contaminated clothing and wash it before reuse. Avoid breathing spray.

When using, do not eat, drink or smoke. Avoid contact with eyes. Avoid contact with skin. When using do not eat or drink. 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.

Acetone cas#:(67-64-1) [35-45%]

Components with workplace control parameters

TWA 500 ppm USA. ACGIH Threshold Limit Values (TLV)

Eye & Upper Respiratory Tract irritation

Central Nervous System impairment

Hematologic effects

Substances for which there is a Biological Exposure Index or Indices

(see BEI section)

Not classifiable as a human carcinogen

STEL 750 ppm USA. ACGIH Threshold Limit Values (TLV)

Eye & Upper Respiratory Tract irritation

Central Nervous System impairment

Hematologic effects

Substances for which there is a Biological Exposure Index or Indices

(see BEI section)

Not classifiable as a human carcinogen

STEL 1,000 ppm USA. OSHA - TABLE Z-1 Limits for
2,400 mg/m³ Air Contaminants - 1910.1000

The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors.

TWA 1,000 ppm USA. Occupational Exposure Limits
2,400 mg/m³ (OSHA) - Table Z-1 Limits for Air

Contaminants

The value in mg/m3 is approximate.

TWA	250 ppm 590 mg/m3	USA. NIOSH Recommended Exposure Limits
TWA	750 ppm 1,800 mg/m3	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000

1,3-Dioxolane cas#:(646-06-0) [25-35%]

Components with workplace control parameters

TWA	20 ppm	USA. ACGIH Threshold Limit Values (TLV)
Hematologic effects		

Monoethanolamine cas#:(141-43-5) [1-5%]

Components with workplace control parameters

TWA	3 ppm	USA. ACGIH Threshold Limit Values (TLV)
Skin & eye irritation		

STEL	6 ppm	USA. ACGIH Threshold Limit Values (TLV)
Skin & eye irritation		

TWA	3 ppm 8 mg/m3	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
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STEL	6 ppm 15 mg/m3	USA. OSHA - TABLE Z-1 Limits for Air Contaminants - 1910.1000
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TWA	3 ppm 6 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air
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Contaminants

The value in mg/m3 is approximate.

TWA	3 ppm 8 mg/m3	USA. NIOSH Recommended Exposure Limits
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ST	6 ppm 15 mg/m3	USA. NIOSH Recommended Exposure Limits
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Isopropylidene glycol cas#:(100-79-8) [1-5%]

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	Blue Green	Odor:	Acetone odor
Physical State:	Liquid	Solubility:	Miscible
Spec Grav./Density:	0.95-0.98	Flash Point:	Not determined
Viscosity:	1000-1500 cps	Vapor Density:	Not determined
Flammability:	Highly Flammable Liquid	VOC:	42 %
Vapor Pressure:	Not determined		
pH:	Not available		

Reactivity:	Chemically active metals and acids.
Chemical Stability:	Stable and non-reactive under normal conditions of use, storage and transport.
Conditions to Avoid:	Heat, flames and sparks. Contact with incompatible materials.
Materials to Avoid:	Strong acids.
Hazardous Decomposition:	Oxides of carbon.
Hazardous Polymerization:	Does not occur.

ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin.

EYES: Causes serious eye damage.

INGESTION: Causes gastrointestinal irritation, headaches, nausea, diarrhea, vomiting, abdominal cramps.

INHALATION: Causes dizziness, headaches, nausea.

SKIN: Causes irritation.

MEDICAL CONDITION AGGRAVATED: May aggravate pre-existing conditions of the liver, kidneys, and skin.

ACUTE HEALTH HAZARDS: Causes severe skin burns and eye damage. Inhalation of vapors may cause nausea, dizziness and drowsiness.

CHRONIC HEALTH HAZARDS: Causes damage to organs through prolonged and repeated exposure. May cause reproductive effects affecting fertility and/or development of the unborn child.

CARCINOGENICITY: OSHA: Not classified. ACGIH: No NTP: No IARC: No OTHER: No

Acetone cas#:(67-64-1) [35-45%]

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - 5,800 mg/kg Remarks: Behavioral:Altered sleep time (including change in righting reflex). Behavioral:Tremor.

LC50 Inhalation - rat - 8 h - 50,100 mg/m3

Inhalation: no data available

LD50 Dermal - guinea pig - 7,426 mg/kg

Skin corrosion/irritation: Skin - rabbit Result: Mild skin irritation - 24 h

Serious eye damage/eye irritation: Eyes - rabbit Result: Eye irritation - 24 h

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, ACGIH, 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.

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: no data available

Additional Information:

RTECS: AL3150000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Kidney - Irregularities - Based on Human Evidence

1,3-Dioxolane cas#:(646-06-0) [25-35%]

Information on toxicological effects

Acute toxicity:

Oral LD50 LD50 Oral - rat - 3,000 mg/kg

Inhalation LC50 LC50 Inhalation - rat - 4 h - 20,650 mg/m3

Dermal LD50 LD50 Dermal - rat - 15,000 mg/kg

Other information on acute toxicity no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: no data available

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: Genotoxicity in vivo - rat - Intraperitoneal DNA damage

Carcinogenicity:

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

Teratogenicity: no data available

Specific target organ toxicity - single exposure (Globally Harmonized System):
no data available

Specific target organ toxicity - repeated exposure (Globally Harmonized System):
no data available

Aspiration hazard: no data available

Potential health effects: Inhalation May be harmful if inhaled. May cause respiratory tract irritation. Ingestion May be harmful if swallowed. Skin May be harmful if absorbed through skin. May cause skin irritation. Eyes May cause eye irritation.

Signs and Symptoms of Exposure: To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Synergistic effects: no data available

Additional Information:

RTECS: JH6760000

Monoethanolamine cas#:(141-43-5) [1-5%]

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - 1,720 mg/kg

Inhalation: Material is extremely destructive to the tissue of the mucous membranes and upper respiratory tract.

LD50 Dermal - rabbit - 1,015 mg/kg

no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: Eyes - rabbit Result: Severe eye irritation

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: no data available

Carcinogenicity:

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: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: KJ5775000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Liver - Irregularities - Based on Human Evidence

Isopropylidene glycol cas#:(100-79-8) [1-5%]

Information on toxicological effects

Acute toxicity:

LD50 Oral - rat - 7,000 mg/kg

Inhalation: no data available

Dermal: no data available

Skin corrosion/irritation: no data available

Serious eye damage/eye irritation: Eyes - rabbit

Respiratory or skin sensitisation: no data available

Germ cell mutagenicity: mouse Micronucleus test

Carcinogenicity:

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: no data available

Specific target organ toxicity - repeated exposure: no data available

Aspiration hazard: no data available

Additional Information:

RTECS: JI0400000

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

PERSISTENCE AND DEGRADABILITY: N/D

BIOACCUMULATIVE POTENTIAL: N/D

MOBILITY IN SOIL: N/D

OTHER ADVERSE EFFECTS: Avoid release to the environment.

Acetone cas#:(67-64-1) [35-45%]

Information on ecological effects

Toxicity: no data available

Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - 13,500.00 mg/l - 48 h.
other aquatic invertebrates

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

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

Other adverse effects: no data available

1,3-Dioxolane cas#:(646-06-0) [25-35%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Cyprinodon variegatus (sheepshead minnow) - 8,294 - 12,057 mg/l - 96 h.

Toxicity to daphnia EC50 - Daphnia magna (Water flea) - 6,203 - 7,787 mg/l - 48 h.
and other aquatic invertebrates

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

PBT and vPvB assessment: no data available

Other adverse effects: no data available

Monoethanolamine cas#:(141-43-5) [1-5%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 227 mg/l - 96 h.

Toxicity to daphnia and EC50 - Daphnia magna (Water flea) - 65 mg/l - 48 h.
other aquatic invertebrates

Toxicity to algae EC50 - Desmodesmus subspicatus (green algae) - 15 mg/l - 72 h.

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

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. Harmful to aquatic life.

Isopropylidene glycol cas#:(100-79-8) [1-5%]

Information on ecological effects

Toxicity:

Toxicity to fish LC50 - Pimephales promelas (fathead minnow) - 16,700.001 mg/l - 96 h.

Persistence and degradability: no data available

Bioaccumulative potential: no data available

Mobility in soil: no data available

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

Other adverse effects: no data available

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DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with local, state and federal regulations.

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

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TRANSPORT INFORMATION

PROPER SHIPPING NAME: For Quarts: Cleaning Compound, N.O.S.

For packaging in Gallons or larger:

Flammable Liquid, N.O.S. (Acetone,
Dioxolane).

HAZARD CLASS/DIVISION: 3

UN/NA NUMBER: UN1993

PACKING GROUP: II

AIR SHIPMENT

PROPER SHIPPING NAME: For Quarts: Cleaning Compound, N.O.S.

For packaging in Gallons or larger: Flammable Liquid,

N.O.S. (Acetone,
Dioxolane).

HAZARD CLASS/DIVISION: 3

UN/NA NUMBER: UN1993

PACKING GROUP: II

SHIPPING BY WATER:

VESSEL (IMO/IMDG)

PROPER SHIPPING NAME: For Quarts: Cleaning Compound, N.O.S.

For packaging in Gallons or larger: Flammable Liquid,

N.O.S. (Acetone, Dioxolane).

HAZARD CLASS/DIVISION: 3

UN/NA NUMBER: UN1993

PACKING GROUP: II

ENVIRONMENTAL HAZARDS WATER: N/A

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REGULATORY INFORMATION

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

[35-45%] RQ(5000LBS), Acetone (67-64-1) CERCLA, HAP, MASS, NJHS, OSHAWAC, PA, TOXICRCRA, TSCA, TXAIR, TXHWL

[25-35%] 1,3-Dioxolane (646-06-0) HAP, MASS, PA, TSCA

[1-5%] Monoethanolamine (141-43-5) HAP, MASS, OSHAWAC, PA, TSCA, TXAIR

[1-5%] Isopropylidene glycol (100-79-8) TSCA

NOT FOR SALE IN CALIFORNIA

Regulatory Code Legend

RQ = Reportable Quantity

CERCLA = Superfund clean up substance

HAP = Hazardous Air Pollutants

MASS = MA Massachusetts Hazardous Substances List

NJHS = NJ Right-to-Know Hazardous Substances

OSHA = OSHA Workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TOXICRCRA = RCRA Toxic Hazardous Wastes (U-List)

TSCA = Toxic Substances Control Act

TXAIR = TX Air Contaminants with Health Effects Screening Level

TXHWL = TX Hazardous Waste List

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OTHER INFORMATION

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

Revision Date: 1/20/2025