

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: StrongHold Pump Grade Adhesive ECO Part A

Product Code: F0252-PG-SPECO-A01

Intended Use of the Product

Adhesive for professional use only.

Name, Address, and Telephone of the Responsible Party

Manufacturer

BITEC, Inc.

#2 Industrial Park Drive

Morrilton, AR 72110

T-800-535-8597

F-501-354-3019

www.bitec.com

Emergency Telephone Number

Emergency Number: 1-800-535-8597

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

Press Gas H280

Resp Sens 1 H334

STOT RE 2 H373

Acute Tox 4 H332

Skin Irrit. 2 H315

Eye Irrit. 2A H319

Skin Sens. 1 H317

STOTE SE 3 H335

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US) : Danger

Hazard Statements (GHS-US) : H280 Contains gas under pressure; may explode if heated.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H373 May cause damage to organs through prolonged or repeated exposure.
H332 Harmful if inhaled.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.

Precautionary Statements (GHS-US) : Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe dust/fume/gas/mist/vapors/spray.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing must not be allowed out of the workplace.
Avoid release to the environment.
Wear protective gloves/protective clothing/eye protection/face protection.
[In case of inadequate ventilation] wear respiratory protection.
If on skin: Wash with plenty of water.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.

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If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing.

If exposed or concerned: Get medical advice/attention.

Call a poison center/doctor if you feel unwell.

Specific treatment (see on this label).

Get medical advice/attention if you feel unwell.

Take off contaminated clothing and wash it before reuse.

If skin irritation or rash occurs: Get medical advice/attention.

If eye irritation persists: Get medical advice/attention.

If experiencing respiratory symptoms: Call a poison center/doctor.

Wash contaminated clothing before reuse.

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

Store locked up.

Protect from sunlight. Store in a well-ventilated place.

Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Name	CAS#	% (w/w)
Polymethylene polyphenyl isocyanate	9016-87-9	90-100
Carbon Dioxide	124-38-9	1-5

Composition comments Exact concentrations and chemical identities of ingredients not listed above are either classified as non-hazardous or are withheld as a trade secret as covered by OSHA's Hazard Communication Standard, 29 CFR 1910.1200(i).

SECTION 4: FIRST AID MEASURES

Description of first aid measures

General	If on clothes, remove clothes. Take the victim into fresh air. Show this material safety data sheet to the doctor in attendance. Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
Inhalation	Remove person to fresh air. If signs/symptoms continue, get medical attention. In case of unconsciousness bring patient into stable side position for transport.
Eyes	Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
Skin	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
Ingestion	If accidentally swallowed obtain immediate medical attention. Rinse mouth with water. If conscious, drink plenty of water. Do NOT induce vomiting. If symptoms persist, call a physician.

4.2. Most important symptoms and effects, both acute and delayed

Overview Causes skin irritation. May cause an allergic skin reaction. Causes serious eye irritation. Harmful if inhaled. May cause allergy or asthma symptoms or breathing difficulties if inhaled. May cause respiratory irritation. May cause damage to organs through prolonged or repeated exposure.

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Water mist

Dry powder

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Carbon dioxide (CO₂)
Alcohol-resistant foam

Unsuitable extinguishing:

Water with a full water jet

Special hazards arising from the substance or mixture

May release toxic, irritating and/or corrosive gases. In case of fire, the following substance(s) may occur: Carbon monoxide

Advice for fire-fighters

Use water spray to cool non-involved containers.

Wear SCBA with full-face piece operating in a positive pressure demand mode and full protective gear.

This product is considered flammable and is a fire hazard. During a fire isocyanate vapors and other irritating gases may be generated by thermal decomposition or combustion. At temperatures above 400°F, polymeric MDI can polymerize and decompose which can cause pressure build-up in closed containers. Use cold water to cool fire-exposed containers.

ERG Guide No. 127.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions, protective equipment and emergency procedures:

Remove all sources of ignition. Use personal protective equipment. Use breathing protection against the effects of fumes/dust/aerosol. Evacuate personnel to safe areas. Ensure adequate ventilation.

Environmental precautions:

The product should not be allowed to enter drains, water courses or the soil. Prevent the material from reaching sewage system, holes and cellars. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Non-sparking tools should be used. Ensure adequate ventilation. Send for recovery or disposal in suitable containers. Dispose of contaminated material as waste according to section 13.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Avoid formation of dust and aerosols.

Use only with adequate ventilation.

Take note of emission threshold.

Use solvent-proof equipment.

Ensure that suitable extractors are available on processing machines.

Handle with care.

Keep eye wash bottle available on working place.

Avoid release to the environment.

Keep away from children.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

Do not spray on an open flame or other ignition source.

Do not spray on an open flame or any incandescent material.

Keep away from sources of ignition - No smoking. Keep away from children.

See section 2 for further details. - [Prevention]:

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Conditions for safe storage, including any incompatibilities: Keep dark, cool and dry. Store in cool place.

Incompatible materials: Contact with water will cause this product to cure. Incompatible with acids, bases, and oxidizers
Recommended storage range is less than 90°F.

See section 2 for further details. - [Storage]:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:

Exposure

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
carbon dioxide	124-38-9	TWA	5,000 ppm	ACGIH
		STEL	30,000	ACGIH
		TWA	5,000 ppm 9,000 mg/m ³	OSHA Z-1
		TWA	10,000 ppm 18,000 mg/m ³	OSHA P0
		STEL	30,000 ppm 54,000 mg/m ³	OSHA P0
		PEL	5,000 ppm 9,000 mg/m ³	CAL PEL
		STEL	30,000 ppm 54,000 mg/m ³	CAL PEL

Engineering measures

Exposure controls

Respiratory	Use respiratory protection unless adequate risk management measures (exhaust/ ventilation) are provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. In case of brief exposure or low pollution (exceeding of TLV) use breathing filter apparatus. In case of intensive or longer exposure Ensure that suitable extractors are available on processing machines.
Eyes	Chemical splash goggles (ANSI Z-87.1 or approved equivalent) and/or face shield. Have an eye wash station available.
Skin	The glove material has to be impermeable and resistant to the product/the substance/the preparation. The exact break through time can be obtained from the protective glove producer and this has to be observed. The gloves need to be disposed after the penetration time and replaced by new ones. Apply skin protectant before working with gloves to avoid skin swellings and use a skin cleansing and skincare product after the work.

For the permanent contact gloves made of the following materials are suitable:

If longer exposure to the chemical preparation is necessary, a sturdy overglove against mechanical strain is recommended in combination with the Barrier 02-100 underglove from Ansell or other suppliers (penetration time: 480 min).

For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:

Butyl rubber (minimum thickness: 0.7 mm; penetration time: 15 min)

As protection from splashes gloves made of the following materials are suitable:

Nitril (minimum thickness 0.12 mm), Disposable gloves with long cuffs

After contact with the chemical preparation, take the disposable nitrile glove off immediately and put on a new disposable nitrile glove.

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Engineering Controls Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices Keep away from food, drink and animal feeding stuffs. Instantly remove any soiled and impregnated garments. Wash hands before breaks and immediately after handling the product. Avoid contact with the eyes and skin. Store protective clothing separately. See section 2 for further details. - [Prevention]:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Appearance	Chemicals under pressure
Odor	aromatic
Odor threshold	not determined
pH	Not available
Melting point / freezing point	not determined
Initial boiling point and boiling range	not determined
Evaporation rate (Ether = 1)	not determined
Flammability (solid, gas)	Not Applicable
Vapor pressure (Pa)	Not established
Vapor Density	1.23 g/cm ³
Specific Gravity	Not available
Solubility in Water	Not miscible or difficult to mix
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not established
Decomposition temperature	Not applicable
Hazardous decomposition products:	No hazardous decomposition products are known

SECTION 10: STABILITY AND REACTIVITY

Reactivity

May polymerize.

Chemical stability

Stable under normal circumstances.

Possibility of hazardous reactions

Develops readily flammable vapors/fumes

Conditions to avoid

No data available.

Incompatible materials

Contact with water will cause this product to cure. No further relevant information available

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Hazardous decomposition products

Will not occur if properly handled and stored.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity

Product:

Acute inhalation toxicity: Acute toxicity estimate : 1.54 mg/L

Exposure time: 4 Hours

Test atmosphere: dust/mist

Method: Calculation method

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT-single exposure

No data available

STOT-repeated exposure

No data available

Aspiration toxicity

No data available

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecotoxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

No data available

Mobility in soil

Product: Mobility	:	Medium: Soil Remarks: Do not allow product to reach ground water, water bodies or sewage system.
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Other adverse effects

No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Waste generation should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers

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that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Unused and Contaminated Product: Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labeled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

SECTION 14: TRANSPORT INFORMATION

This product is classified as a dangerous good as defined by 49 CFR 172.101 by the US Department of Transportation.

14.1 In Accordance with DOT

Proper Shipping Name	:	UN 3500, Chemical under pressure, n.o.s. (carbon dioxide), 2.2
Hazard Class	:	2.2
Identification Number	:	3500
Packing Group	:	Not assigned
ERG Code	:	126
Marine Pollutant	:	No

14.2 In Accordance with IMDG

Proper Shipping Name	:	UN 3500, Chemical under pressure, n.o.s. (carbon dioxide), 2.2
Hazard Class	:	3
Identification Number	:	3500
Packing Group	:	Not assigned
EmS Code	:	F-C, S-V
Marine Pollutant	:	No

SECTION 15: REGULATORY INFORMATION

Regulatory Overview

The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

SARA 311/312 Hazards	:	Gases under pressure Acute toxicity (any route of exposure) Respiratory or skin sensitization Specific target organ toxicity (single or repeated exposure) Skin corrosion or irritation Serious eye damage or eye irritation
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SARA 302	:	This material does not contain any components with a section 302 EHS TPQ.
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SARA 313	:	The following components are subject to reporting levels established by SARA Title III, Section 313: Polymethylene polyphenyl isocyanate 9016-87-9 4,4'-Methylenediphenyl diisocyanate 101-68-8 Polymethylene polyphenyl isocyanate 9016-87-9
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Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

US State Regulations California Prop 65	:	Please contact Supplier for more information.
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The ingredients of this product are reported in the following inventories:

TSCA All substances listed as active on the TSCA inventory

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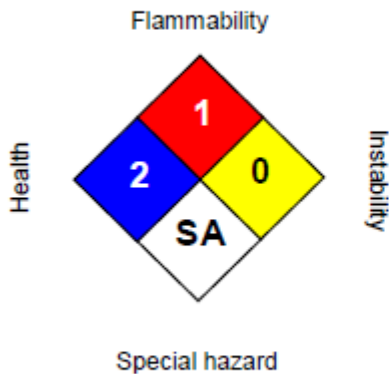
According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

AIIC On the inventory, or in compliance with the inventory
DSL All components of this product are on the Canadian DSL
KECI On the inventory, or in compliance with the inventory
PICCS On the inventory, or in compliance with the inventory
IECSC On the inventory, or in compliance with the inventory

Inventories Legend TSCA (USA), DSL (Canada), REACH(Europe), AIIC (Australia), NZIoC (New Zealand), ENCS (Japan), KECI (Korea), PICCS (Philippines), IECSC (China), TWINV (Taiwan)

Further information

NFPA:



HMIS III:

HEALTH	2*
FLAMMABILITY	1
PHYSICAL HAZARD	3

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date : 9/11/2025

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Party Responsible for the Preparation of This Document

BITEC, Inc.
#2 Industrial Park Drive
Morrilton, AR 72110
T-800-535-8597

This information is based on our knowledge as of the Revision Date and is intended to describe the product only for the purposes of health, safety, and environmental requirements as of the Revision Date. It should not therefore be construed as guaranteeing any specific property of the product nor as providing any warranty, expressed or implied. The user assumes all responsibility, liability, risk of loss, damage, or expense arising out of, or in any way connected with, the handling, storage, use, or disposal of the product.

North America GHS US 2019 & WHMIS

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: StrongHold Pump Grade Adhesive ECO

Product Code: F0252-PG-SPECO-B01

Intended Use of the Product

Adhesive for professional use only.

Name, Address, and Telephone of the Responsible Party

Manufacturer

BITEC, Inc.

#2 Industrial Park Drive

Morrilton, AR 72110

T-800-535-8597

F-501-354-3019

www.bitec.com

Emergency Telephone Number

Emergency Number: 1-800-535-8597

SECTION 2: HAZARDS IDENTIFICATION

Classification of the Substance or Mixture

Classification (GHS-US)

Press Gas	H280
STOT RE 1	H372
Germ cell mutagenicity 2	H341
Reproductive toxicity 1B	H360
Skin Sens. 1	H317

Label Elements

GHS-US Labeling

Hazard Pictograms (GHS-US)



Signal Word (GHS-US)

: Danger

Hazard Statements (GHS-US)

: H280 Contains gas under pressure; may explode if heated.
H372 Causes damage to organs through prolonged or repeated exposure.
H341 Suspected of causing genetic defects
H360 May damage fertility or the unborn child
H317 May cause an allergic skin reaction

Precautionary Statements (GHS-US)

: P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe dusts or mists.
P264 Wash skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P272 Contaminated work clothing must not be allowed out of the workplace.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
P308 + P313 IF exposed or concerned: Get medical advice/ attention.
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
P363 Wash contaminated clothing before reuse.
P405 Store locked up.
P410 + P403 Protect from sunlight. Store in a well-ventilated place. P501 Dispose of contents/ container to an approved waste disposal plant.

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Carcinogenicity:

IARC No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No component of this product present at levels greater than or equal to 0.1% is on OSHA's list of regulated carcinogens.

NTP No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Mixture

Name	CAS#	% (w/w)
carbon dioxide	124-38-9	5 - 10
Diethylene glycol	111-46-6	1 - 5
dibutylbis(dodecylthio)stannane	1185-81-5	1 - 5

Composition comments Exact concentrations and chemical identities of ingredients not listed above are either classified as non-hazardous or are withheld as a trade secret as covered by OSHA's Hazard Communication Standard, 29 CFR 1910.1200(i).

SECTION 4: FIRST AID MEASURES

Description of first aid measures

- General** If on clothes, remove clothes. Take the victim into fresh air. Show this material safety data sheet to the doctor in attendance. Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.
- Inhalation** Remove person to fresh air. If signs/symptoms continue, get medical attention. In case of unconsciousness bring patient into stable side position for transport.
- Eyes** Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.
- Skin** Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If skin irritation persists, call a physician.
- Ingestion** If accidentally swallowed obtain immediate medical attention. Rinse mouth with water. If conscious, drink plenty of water. Do NOT induce vomiting. If symptoms persist, call a physician.

4.2. Most important symptoms and effects, both acute and delayed

Overview May cause an allergic skin reaction. Suspected of causing genetic defects. May damage fertility or the unborn child. Causes damage to organs through prolonged or repeated exposure

SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Water mist

Dry powder

Carbon dioxide (CO₂)

Alcohol-resistant foam

Unsuitable extinguishing:

Water with a full water jet

Special hazards arising from the substance or mixture

May release toxic, irritating and/or corrosive gases. In case of fire, the following substance(s) may occur: Carbon monoxide

Advice for fire-fighters

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Use water spray to cool non-involved containers.

In the event of fire, wear self-contained breathing apparatus.

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains .

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions, protective equipment and emergency procedures:

Remove all sources of ignition. Use personal protective equipment. Use breathing protection against the effects of fumes/dust/aerosol. Evacuate personnel to safe areas. Ensure adequate ventilation.

Environmental precautions:

The product should not be allowed to enter drains, water courses or the soil. Prevent the material from reaching sewage system, holes and cellars. If the product contaminates rivers and lakes or drains inform respective authorities.

Methods and material for containment and cleaning up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Non-sparking tools should be used. Ensure adequate ventilation. Send for recovery or disposal in suitable containers. Dispose of contaminated material as waste according to section 13.

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Avoid formation of dust and aerosols.

Use only with adequate ventilation.

Take note of emission threshold.

Use solvent-proof equipment.

Ensure that suitable extractors are available on processing machines.

Handle with care.

Keep eye wash bottle available on working place.

Avoid release to the environment.

Keep away from children.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.

Do not spray on an open flame or other ignition source.

Do not spray on an open flame or any incandescent material.

Keep away from sources of ignition - No smoking. Keep away from children.

Conditions for safe storage, including any incompatibilities: Keep dark, cool and dry. Store in cool place.

Incompatible materials: Contact with water will cause this product to cure.

Recommended storage range is less than 90°F.

See section 2 for further details. - [Storage]:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters:

Exposure

Components	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
carbon dioxide	124-38-9	TWA	5,000 ppm	ACGIH
		STEL	30,000	ACGIH
		TWA	5,000 ppm 9,000 mg/m3	OSHA Z-1

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According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

		TWA	10,000 ppm 18,000 mg/m ³	OSHA P0
		STEL	30,000 ppm 54,000 mg/m ³	OSHA P0
		PEL	5,000 ppm 9,000 mg/m ³	CAL PEL
		STEL	30,000 ppm 54,000 mg/m ³	CAL PEL
Dibutylbis(dodecylthio)stannane	1185-81-5	TWA	0.1 mg/m ³	OSHA Z-1
		TWA	0.2 mg/m ³	ACGIH
		STEL	0.1 mg/m ³	ACGIH
		TWA	0.1 mg/m ³	OSHA Z-1
		TWA	0.1 mg/m ³	OSHA P0
		TWA	0.1 mg/m ³	NIOSH REL

Engineering measures

Exposure controls

Respiratory	Use respiratory protection unless adequate risk management measures (exhaust/ventilation) are provided or exposure assessment demonstrates that exposures are within recommended exposure guidelines. In case of brief exposure or low pollution (exceeding of TLV) use breathing filter apparatus. In case of intensive or longer exposure Ensure that suitable extractors are available on processing machines.
Eyes	Chemical splash goggles (ANSI Z-87.1 or approved equivalent) and/or face shield. Have an eye wash station available.
Skin	The glove material has to be impermeable and resistant to the product/the substance/the preparation. The exact break through time can be obtained from the protective glove producer and this has to be observed. The gloves need to be disposed after the penetration time and replaced by new ones. Apply skin protectant before working with gloves to avoid skin swellings and use a skin cleansing and skincare product after the work.

For the permanent contact gloves made of the following materials are suitable:

If longer exposure to the chemical preparation is necessary, a sturdy overglove against mechanical strain is recommended in combination with the Barrier 02-100 underglove from Ansell or other suppliers (penetration time: 480 min).

For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:

Butyl rubber (minimum thickness: 0.7 mm; penetration time: 15 min)

As protection from splashes gloves made of the following materials are suitable:

Nitril (minimum thickness 0.12 mm), Disposable gloves with long cuffs

After contact with the chemical preparation, take the disposable nitrile glove off immediately and put on a new disposable nitrile glove.

Engineering Controls	Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.
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According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

Other Work Practices Keep away from food, drink and animal feeding stuffs. Instantly remove any soiled and impregnated garments. Wash hands before breaks and immediately after handling the product. Avoid contact with the eyes and skin. Store protective clothing separately. See section 2 for further details. - [Prevention]:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on Basic Physical and Chemical Properties

Appearance	Chemicals under pressure
Odor	sweet
Odor threshold	not determined
pH	Not available
Melting point / freezing point	not determined
Initial boiling point and boiling range	not determined
Evaporation rate (Ether = 1)	not determined
Flammability (solid, gas)	Not Applicable
Vapor pressure (Pa)	Not established
Vapor Density	1.0 g/cm ³
Specific Gravity	Not available
Solubility in Water	Not miscible or difficult to mix
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not established
Decomposition temperature	Not applicable
Hazardous decomposition products:	No hazardous decomposition products are known

SECTION 10: STABILITY AND REACTIVITY

Reactivity

No further relevant information available.

Chemical stability

Stable under normal circumstances.

Possibility of hazardous reactions

Develops readily flammable vapors/fumes

Conditions to avoid

No data available.

Incompatible materials

No further relevant information available. **Hazardous decomposition products**

Will not occur if properly handled and stored.

SECTION 11: TOXICOLOGICAL INFORMATION

Acute toxicity

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According to Federal Register/Vol. 77, No. 58/Monday, March 26, 2012/Rules and Regulations

Product:

Acute oral toxicity: Acute toxicity estimate : > 5,000 mg/kg Method: Calculation method

Acute dermal toxicity: Acute toxicity estimate : > 5,000 mg/kg Method: Calculation method

Skin corrosion/irritation

No data available

Serious eye damage/eye irritation

No data available

Respiratory or skin sensitization

No data available

Germ cell mutagenicity

No data available

Carcinogenicity

No data available

Reproductive toxicity

No data available

STOT-single exposure

No data available

STOT-repeated exposure

No data available

Aspiration toxicity

No data available

SECTION 12: ECOLOGICAL INFORMATION

Toxicity

Ecotoxicity

No data available

Persistence and degradability

No data available

Bioaccumulative potential

Component: Diethylene glycol:

Partition coefficient: n-octanol/water : -1.47

Mobility in soil

Product: Mobility	:	Medium: Soil Remarks: Do not allow product to reach ground water, water bodies or sewage system.
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Other adverse effects

No data available

SECTION 13: DISPOSAL CONSIDERATIONS

Waste Disposal Recommendations: Waste generation should be minimized or avoided wherever possible. Reuse or recycle products wherever possible. This material and its container must be disposed of in a safe way. When handling waste, the safety precautions applying to handling of the product should be considered. Care should be taken when handling emptied containers that have not been thoroughly cleaned or rinsed out. Empty containers or liners may retain some product residues and hence be potentially hazardous.

Unused and Contaminated Product: Do not empty into drains. Dispose of surplus products and those that cannot be recycled via a licensed waste disposal contractor. Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labeled with their contents. Incineration or landfill should only be considered when recycling is not feasible.

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SECTION 14: TRANSPORT INFORMATION

This product is classified as a dangerous good as defined by 49 CFR 172.101 by the US Department of Transportation.

14.1 In Accordance with DOT

Proper Shipping Name	:	UN 3500, Chemical under pressure, n.o.s. (carbon dioxide), 2.2
Hazard Class	:	2.2
Identification Number	:	3500
Packing Group	:	Not assigned
ERG Code	:	126
Marine Pollutant	:	No

14.2 In Accordance with IMDG

Proper Shipping Name	:	UN 3500, Chemical under pressure, n.o.s. (carbon dioxide), 2.2
Hazard Class	:	2.2
Identification Number	:	3500
Packing Group	:	Not assigned
EmS Code	:	F-C, S-V
Marine Pollutant	:	No

SECTION 15: REGULATORY INFORMATION

Regulatory Overview

The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

SARA 311/312 Hazards	:	Gases under pressure Respiratory or skin sensitization Germ cell mutagenicity Reproductive toxicity Specific target organ toxicity (single or repeated exposure)
SARA 302	:	This material does not contain any components with a section 302 EHS TPQ.
SARA 313	:	This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

Clean Air Act

This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 112 (40 CFR 61).

US State Regulations California Prop 65	:	Please contact Supplier for more information.
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The ingredients of this product are reported in the following inventories:

TSCA All substances listed as active on the TSCA inventory
DSL All components of this product are on the Canadian DSL
Inventories Legend TSCA (USA), DSL (Canada)

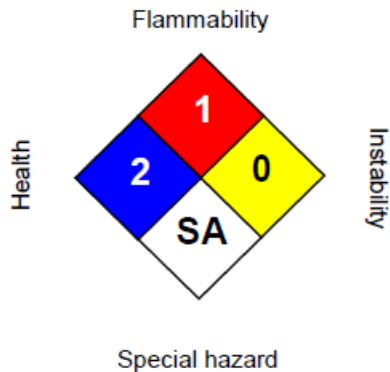
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Further information

NFPA:



HMIS III:

HEALTH	3*
FLAMMABILITY	1
PHYSICAL HAZARD	3

0 = not significant, 1 = Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision date : 9/11/2025

Other Information : This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Party Responsible for the Preparation of This Document

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This information is based on our knowledge as of the Revision Date and is intended to describe the product only for the purposes of health, safety, and environmental requirements as of the Revision Date. It should not therefore be construed as guaranteeing any specific property of the product nor as providing any warranty, expressed or implied. The user assumes all responsibility, liability, risk of loss, damage, or expense arising out of, or in any way connected with, the handling, storage, use, or disposal of the product.

North America GHS US 2019 & WHMIS