

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Issue date: 5/28/2024 Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Mixture

Trade name Green Valley Products 2.0 HFO

1.2. Recommended use and restrictions on use

Recommended use : Spray applied insulation

Restrictions on use : Reserved for industrial and professional use

1.3. Supplier

Green Valley Products LLC 701 Spinks Road Suite 400 Lewiville, Texas 75067 T 281-299-7406 USA

swilliams@greenvalleyproducts.com

1.4. Emergency telephone number

Emergency number : 281-299-7406

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Skin corrosion/irritation Category 2 Causes skin irritation Serious eye damage/eye irritation Category 2 Causes serious eye irritation Skin sensitization, Category 1 May cause an allergic skin reaction Germ cell mutagenicity Category 2

Carcinogenicity Category 1B

Specific target organ toxicity (repeated exposure) Category 2

Suspected of causing genetic defects

May cause cancer

May cause damage to organs through prolonged or repeated

exposure

Full text of H statements : see section 16

2.2. GHS Label elements, including precautionary statements

GHS US labeling

Hazard pictograms (GHS US)





Signal word (GHS US) : Danger

Hazard statements (GHS US) Causes skin irritation

May cause an allergic skin reaction Causes serious eye irritation Suspected of causing genetic defects

May cause cancer

May cause damage to organs through prolonged or repeated exposure

Precautionary statements (GHS US) Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Do not breathe spray, mist, vapors, gas.

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Wash hands, forearms and face thoroughly after handling.

Contaminated work clothing must not be allowed out of the workplace.

Wear protective gloves/protective clothing/eye protection/face protection.

If on skin: Wash with plenty of water.

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

Take off contaminated clothing and wash it before reuse.

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present

and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Get medical advice/attention if you feel unwell.

Store locked up.

Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards which do not result in classification

No additional information available

2.4. Unknown acute toxicity (GHS US)

No additional information available

SECTION 3: Composition/Information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%	GHS US classification
trans-1-Chloro-3,3,3-trifluoropropene	CAS-No.: 102687-65-	Trade Secret	Press. Gas (Liq.), H280 Simple Asphy, SIAS
Tris(2-chloro-1-methylethyl) phosphate	CAS-No.: 13674-84-5	Trade Secret	Acute Tox. 4 (Oral), H302
Diethylene glycol	CAS-No.: 111-46-6	Trade Secret	Acute Tox. 4 (Oral), H302 Eye Irrit. 2B, H320
Ethylene Glycol	CAS-No.: 107-21-1	Trade Secret	Acute Tox. 4 (Oral), H302 Eye Irrit. 2B, H320 STOT RE 2, H373
2,2-dimethylpropan-1-ol, tribromo derivative; 3-bromo-2,2-bis(bromomethyl)propan-1-ol	CAS-No.: 36483-57-5	Trade Secret	Eye Irrit. 2A, H319 Muta. 2, H341 Carc. 1B, H350
1,1,3,3-Tetramethylguanidine	CAS-No.: 80-70-6	Trade Secret	Flam. Liq. 3, H226 Acute Tox. 4 (Oral), H302 Skin Corr. 1, H314 Eye Dam. 1, H318
Dibutylbis(dodecylthio)stannane	CAS-No.: 1185-81-5	Trade Secret	Acute Tox. 4 (Dermal), H312 Skin Irrit. 2, H315 Skin Sens. 1, H317
1,4-Dioxane	CAS-No.: 123-91-1	Trade Secret	Flam. Liq. 2, H225 Eye Irrit. 2, H319 Carc. 1B, H350 STOT SE 3, H335

^{*}Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

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Full text of hazard classes and H-statements : see section 16

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures general : First aider: Pay attention to self-protection. Never give anything by mouth to an unconscious person. Give artificial respiration if necessary. Induce artificial respiration with mask fitted with one-way valve or other suitable device but not mouth-to-mouth. IF exposed or concerned: Get

medical advice/attention.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. If experiencing respiratory

symptoms: Call a poison center or a doctor.

First-aid measures after skin contact : Remove affected clothing and wash all exposed skin area with mild soap and water, followed by

warm water rinse. If skin irritation or rash occurs: Get medical advice/attention. Wash

contaminated clothing before reuse.

First-aid measures after eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to

do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Rinse mouth out with water. Do NOT induce vomiting. If vomiting occurs, the head should be

kept low so that vomit does not enter the lungs. Call a poison center/doctor/physician if you feel

unwell.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after skin contact : Irritation (itching, redness, blistering). May cause an allergic skin reaction.

Symptoms/effects after eye contact : Stinging, redness, itching, tears, blurred vision, swelling.

Symptoms/effects after ingestion : May cause irritation to the digestive tract.

Chronic symptoms : May cause cancer. Suspected of causing genetic defects. May cause damage to organs through

prolonged or repeated exposure.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media : Alcohol-resistant foam. Dry powder. Carbon dioxide. Water spray.

Unsuitable extinguishing media : Do not use a heavy water stream.

5.2. Specific hazards arising from the chemical

Fire hazard : No fire hazard.

Hazardous decomposition products in case of fire : Toxic fumes may be released. Thermal decomposition generates : Carbon dioxide, Carbon

monoxide.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Fight fire from safe distance and protected location. Do not enter fire area without proper

protective equipment, including respiratory protection. Move containers from fire area if it can be done without personal risk. Use water spray or fog for cooling exposed containers. Prevent fire-

fighting water from entering environment.

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing

apparatus. Complete protective clothing.

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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid all personal contact including breathing in the mist, spray, vapors, gas. Do not take actions

involving personal risks. Absorb spillage to prevent material-damage. Stop leak if safe to do so.

Notify authorities if product enters sewers or public waters.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment.

Emergency procedures : Evacuate the danger area. If outdoors, move to an area upwind of the danger area. Do not

breathe mist, spray, vapors, gas. If possible without taking personal risks, remove ignition sources, ventilate area. Prevent other non-emergency personnel from entering the danger area.

6.1.2. For emergency responders

Protective equipment : Wear the recommended personal protective equipment.

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so. Do not touch spilled material.

Remove all sources of ignition.

6.2. Environmental precautions

Do not let the product reach soil, drains, sewers, or surface and ground water.

6.3. Methods and material for containment and cleaning up

For containment : Stop leak, if possible without risk. Contain with non-combustible inert absorbent. Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

Methods for cleaning up : Take up in non-combustible inert absorbent and place into container for disposal. Contaminated

absorbent material may pose the same hazard as the spilt product. Decontaminate surfaces and equipment with water and detergent. Until a sufficient level of dilution is achieved, the

decontamination water may pose the same hazards as the product. Dispose of collected material as soon as possible in accordance with applicable local/regional/national/international

regulations.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For further information refer to section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Use only outdoors or in a well-ventilated area. Do not handle until all safety precautions have

been read and understood. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Wear personal protective equipment. Do not breathe mist, spray, vapors, gas. Avoid contact with skin, eyes and clothing. Take precautionary

measures against static discharge.

Hygiene measures : Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or

smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a cool, dry and well-ventilated area away from incompatible substances. Protect from

sunlight. Keep container closed when not in use.

Incompatible products : Oxidizing agents.

Storage temperature : 15.6 - 35 °C / 60 °F - 95 °F

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SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Green Valley Products 2.0 HFO

No additional information available

Diethylene glycol (111-46-6)

No additional information available

Ethylene Glycol (107-21-1)

USA - ACGIH - Occupational Exposure Limits

Local name	Ethylene glycol	
ACGIH OEL TWA	25 ppm (V - Vapor fraction)	
ACGIH OEL STEL	10 mg/m³ (I - Inhalable particulate matter, H - Aerosol only)	
	50 ppm (V - Vapor fraction)	
Remark (ACGIH)	TLV® Basis: URT irr. Notations: A4 (Not classifiable as a Human Carcinogen)	
Regulatory reference	ACGIH 2024	

1,4-Dioxane (123-91-1)

USA - ACGIH - Occupational Exposure Limits

Remark (ACGIH) TLV® Basis: Liver dam. Notations: Skin; A3 (Confin Relevance to Humans) Regulatory reference ACGIH 2024	med Animal Carcinogen with Unknown
Remark (ACGIH) TLV® Basis: Liver dam. Notations: Skin; A3 (Confin	med Animal Carcinogen with Unknown
7.00m old 1777	
ACGIH OEL TWA 20 ppm	
Local name 1,4-Dioxane	

USA - OSHA - Occupational Exposure Limits

Local name	Dioxane (Diethylene dioxide)
OSHA PEL TWA	360 mg/m³
	100 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

trans-1-Chloro-3,3,3-trifluoropropene (102687-65-0)

No additional information available

2,2-dimethylpropan-1-ol, tribromo derivative; 3-bromo-2,2-bis(bromomethyl)propan-1-ol (36483-57-5)

No additional information available

Tris(2-chloro-1-methylethyl) phosphate (13674-84-5)

No additional information available

Dibutylbis(dodecylthio)stannane (1185-81-5)

No additional information available

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1,1,3,3-Tetramethylguanidine (80-70-6)

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station. Use general ventilation, local exhaust ventilation or

process enclosure to keep the airborne concentrations below the permissible exposure limits.

Environmental exposure controls : Avoid release to the environment. Take measures to reduce or limit air emissions and releases

to soil and the aquatic environment.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Personal protective equipment should be chosen according to national standards and in discussion with the supplier of the protective equipment. Wear recommended personal protective equipment.

Hand protection:

Wear protective gloves

Eye protection:

Chemical goggles or safety glasses

Skin and body protection:

Body protection should be chosen depending on activity and possible exposure. Wear suitable protective clothing

Respiratory protection:

Use NIOSH approved respirator if ventilation is inadequate. SCBA for emergency responders. Must be used in accordance with an OSHA complaint respiratory protection program.

Personal protective equipment symbol(s):









SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Liquid. Appearance : Liquid.

Color : Light brown Brown
Odor : No data available
Odor threshold : No data available

pH : 7 ± 1 Melting point : Not applicable Freezing point : No data available Boiling point : $37.8 \, ^{\circ}\text{C} \, / \, 100 \, ^{\circ}\text{F}$ Flash point : $> 93.3 \, ^{\circ}\text{C} \, / \, 200 \, ^{\circ}\text{F}$ Relative evaporation rate (butyl acetate=1) : No data available Flammability (solid, gas) : Not applicable.

Vapor pressure : No data available Relative vapor density at 20°C : No data available Relative density : 1.19 – 1.21

Solubility : Water: Slightly soluble.

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Partition coefficient n-octanol/water (Log Pow) : No data available Auto-ignition temperature : No data available Decomposition temperature : No data available Viscosity, kinematic : No data available : 350 - 650 cP Viscosity, dynamic **Explosion limits** : No data available Explosive properties : No data available Oxidizing properties : No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

Stable under normal conditions of use.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7). Incompatible materials.

10.5. Incompatible materials

Oxidizing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition generates: Carbon dioxide. Carbon monoxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Diethylene glycol		
LD50 oral rat	12000 mg/kg	
LD50 dermal rabbit	11890 mg/kg	
Ethylene Glycol		
LD50 oral rat	4700 mg/kg body weight	
LD50 dermal rat	9530 mg/kg body weight	
1,4-Dioxane		
LD50 oral rat	5150 mg/kg body weight	

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trans-1-Chloro-3,3,3-trifluoropropene	
LC50 Inhalation - Rat [ppm]	120000 ppm
2,2-dimethylpropan-1-ol, tribromo derivative	; 3-bromo-2,2-bis(bromomethyl)propan-1-ol
LD50 oral rat	> 2000 mg/kg body weight
LD50 dermal rat	> 2000 mg/kg body weight
Tris(2-chloro-1-methylethyl) phosphate	
LD50 oral rat	930 – 1550 mg/kg body weight
LD50 dermal rabbit	> 2000 mg/kg body weight
LC50 Inhalation - Rat	> 7 mg/l/4h
Dibutylbis(dodecylthio)stannane	
LD50 oral rat	> 2000 mg/kg body weight
LD50 dermal rabbit	1000 – 2000 mg/kg body weight
1,1,3,3-Tetramethylguanidine	
LD50 oral rat	835 mg/kg body weight
Skin corrosion/irritation	Causes skin irritation. pH: 7 ± 1
Ethylene Glycol	
Skin corrosion/irritation, rabbit	Not irritating to skin
2,2-dimethylpropan-1-ol, tribromo derivative	; 3-bromo-2,2-bis(bromomethyl)propan-1-ol
Additional information	Not irritating to rabbits on cutaneous application
Tris(2-chloro-1-methylethyl) phosphate	
Additional information	Not irritating to rabbits on cutaneous application
Dibutylbis(dodecylthio)stannane	
Skin corrosion/irritation, rabbit	Severely irritating
1,1,3,3-Tetramethylguanidine	
Skin corrosion/irritation, rabbit	Highly corrosive to skin
Serious eye damage/irritation	Causes serious eye irritation. pH: 7 ± 1
Diethylene glycol	
Serious eye damage/irritation, rabbit	Slightly irritating
Ethylene Glycol	
Serious eye damage/irritation, rabbit	<40% Irritating to eyes (Fully reversible effects within 7 days of observation)
2,2-dimethylpropan-1-ol, tribromo derivative	; 3-bromo-2,2-bis(bromomethyl)propan-1-ol
Additional information	Severely irritating to the eyes : Rabbit
Tris(2-chloro-1-methylethyl) phosphate	
Additional information	Not irritating to rabbits on ocular application

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Dibutylbis(dodecylthio)stannane	
Serious eye damage/irritation	Slightly irritating
Respiratory or skin sensitization	: May cause an allergic skin reaction.
Ethylene Glycol	
Guinea pig maximization test	Not sensitive
Skin sensitization, human	Not sensitive
Germ cell mutagenicity	: Suspected of causing genetic defects.
Ethylene Glycol	
Additional information	Dominant lethal test, Rat- Negative
Carcinogenicity	: May cause cancer.
Diethylene glycol	
NOAEL (chronic,oral,animal/male,2 years)	1210 mg/kg body weight
NOAEL (chronic,oral,animal/female,2 years)	1160 mg/kg body weight
1,4-Dioxane	
IARC group	2B - Possibly carcinogenic to humans
National Toxicity Program (NTP) Status	Reasonably anticipated to be Human Carcinogen
Reproductive toxicity	: Not classified
Tris(2-chloro-1-methylethyl) phosphate	
LOAEL (animal/female, F0/P)	99 mg/kg body weight
NOAEL (animal/male, F0/P)	85 mg/kg body weight
STOT-single exposure	: Not classified
1,4-Dioxane	
STOT-single exposure	May cause respiratory irritation.
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.
Diethylene glycol	
LOAEL (oral,rat,90 days)	40000 mg/kg body weight
Ethylene Glycol	
STOT-repeated exposure	May cause damage to organs through prolonged or repeated exposure.
1,4-Dioxane	
NOAEC (inhalation,rat,vapor,90 days)	> 0.4 mg/l air
trans-1-Chloro-3,3,3-trifluoropropene	
LOAEC (inhalation,rat,gas,90 days)	4000 ppm
Aspiration hazard Viscosity, kinematic Symptoms/effects after skin contact Symptoms/effects after eye contact Symptoms/effects after ingestion Chronic symptoms	 Not classified No data available Irritation (itching, redness, blistering). May cause an allergic skin reaction. Stinging, redness, itching, tears, blurred vision, swelling. May cause irritation to the digestive tract. May cause cancer. Suspected of causing genetic defects. May cause damage to organs through prolonged or repeated exposure.

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SECTION 12: Ecological information

12.1. Toxicity	
Ecology - general	The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
Diethylene glycol	
LC50 - Fish [1]	75200 mg/l
EC50 96h - Algae [1]	6500 – 13000 mg/l
EC50 96h - Algae [2]	9362 mg/l
NOEC (chronic)	1000 mg/l
Ethylene Glycol	
LC50 - Fish [1]	> 72860 mg/l
EC50 - Crustacea [1]	> 100 mg/l
NOEC (chronic)	1000 mg/l
NOEC chronic fish	32000 mg/l (7 days)
NOEC chronic crustacea	24000 ml/l (48h)
1,4-Dioxane	
EC50 - Crustacea [1]	> 1000 mg/l
EC50 72h - Algae [1]	> 1000 mg/l
NOEC (chronic)	1000 mg/l
NOEC chronic fish	145 mg/l
trans-1-Chloro-3,3,3-trifluoropropene	
LC50 - Fish [1]	3 8 mg / I
EC50 - Crustacea [1]	82 mg/l
EC50 72h - Algae [1]	> 215 mg/l
2,2-dimethylpropan-1-ol, tribromo derivative	; 3-bromo-2,2-bis(bromomethyl)propan-1-ol
LC50 - Fish [1]	32 mg/l
EC50 72h - Algae [1]	28 mg/l
EC50 72h - Algae [2]	> 100 mg/l
NOEC (chronic)	10 mg/l
Tris(2-chloro-1-methylethyl) phosphate	
LC50 - Fish [1]	51 mg/l
EC50 - Crustacea [1]	131 mg/l
EC50 72h - Algae [1]	82 mg/l
EC50 72h - Algae [2]	33 mg/l
NOEC (chronic)	32 mg/l
NOEC chronic fish	5.2 mg/l

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Dibutylbis(dodecylthio)stannane		
EC50 - Crustacea [1]	0.11 mg/l	
EC50 - Crustacea [2]	0.023 mg/l	
EC50 72h - Algae [1]	1.6 mg/l	
1,1,3,3-Tetramethylguanidine		
LC50 - Fish [1]	956.769 mg/l	
EC50 - Crustacea [1]	> 100 mg/l	
LC50 - Fish [2]	16302.2 mg/l	
EC50 72h - Algae [1]	> 100 mg/l	

12.2. Persistence and degradability

No additional information available

12.3. Bioaccumulative potential

Diethylene glycol		
Partition coefficient n-octanol/water (Log Pow)	-1.47	
Ethylene Glycol		
Bioaccumulative potential	Does not bioaccumulate.	

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Regional waste regulation : Disposal must be done according to official regulations.

Waste treatment methods : Dispose of contents/container in accordance

Sewage disposal recommendations : Disposal must be done according to official regulations.

Product/Packaging disposal recommendations : Dispose of this material and its container at hazardous or special waste collection point. Refer to

all applicable national, international and local regulations or provisions.

Additional information : Do not re-use empty containers. Ecological information : Avoid release to the environment.

SECTION 14: Transport information

In accordance with DOT / IMDG / IATA

DOT	IMDG	IATA
14.1. UN number		
Not regulated for transport		

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рот	IMDG	IATA	
14.2. Proper Shipping Name			
Not regulated	Not regulated	Not regulated	
14.3. Transport hazard class(es)			
Not regulated	Not regulated	Not regulated	
14.4. Packing group			
Not regulated	Not regulated	Not regulated	
14.5. Environmental hazards			
Not regulated	Not regulated	Not regulated	
No supplementary information available			

14.6. Special precautions for user

DOT

Not regulated

IMDG

Not regulated

IATA

Not regulated

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

All components of this product are present and listed as Active on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory

Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

Ethylene Glycol	CAS-No. 107-21-1	Trade Secret%
1,4-Dioxane	CAS-No. 123-91-1	Trade Secret%

thylene Glycol (107-21-1)	
Listed on EPA Hazardous Air Pollutant (HAPS)	
CERCLA RQ	5000 lb

	1,4-Dioxane (123-91-1)	
Listed on EPA Hazardous Air Pollutant (HAPS)		
	CERCLA RQ	100 lb

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15.2. International regulations

CANADA

Diethylene glycol (111-46-6)

Listed on the Canadian DSL (Domestic Substances List)

Ethylene Glycol (107-21-1)

Listed on the Canadian DSL (Domestic Substances List)

1,4-Dioxane (123-91-1)

Listed on the Canadian DSL (Domestic Substances List)

trans-1-Chloro-3,3,3-trifluoropropene (102687-65-0)

Listed on the Canadian DSL (Domestic Substances List)

2,2-dimethylpropan-1-ol, tribromo derivative; 3-bromo-2,2-bis(bromomethyl)propan-1-ol (36483-57-5)

Listed on the Canadian DSL (Domestic Substances List)

Tris(2-chloro-1-methylethyl) phosphate (13674-84-5)

Listed on the Canadian DSL (Domestic Substances List)

Dibutylbis(dodecylthio)stannane (1185-81-5)

Listed on the Canadian DSL (Domestic Substances List)

1,1,3,3-Tetramethylguanidine (80-70-6)

Listed on the Canadian DSL (Domestic Substances List)

EU-Regulations

No additional information available

National regulations

Diethylene glycol (111-46-6)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Ethylene Glycol (107-21-1)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

1,4-Dioxane (123-91-1)

Listed on IARC (International Agency for Research on Cancer)

Listed as carcinogen on NTP (National Toxicology Program)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

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Tris(2-chloro-1-methylethyl) phosphate (13674-84-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

Dibutylbis(dodecylthio)stannane (1185-81-5)

Listed on INSQ (Mexican National Inventory of Chemical Substances)

15.3. US State regulations



This product can expose you to 1,4-Dioxane, which is known to the State of California to cause cancer, and Ethylene glycol (ingested), which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

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Full text of H-phrases		
H225	Highly flammable liquid and vapor	
H226	Flammable liquid and vapor	
H280	Contains gas under pressure; may explode if heated	
H302	Harmful if swallowed	
H312	Harmful in contact with skin	
H314	Causes severe skin burns and eye damage	
H315	Causes skin irritation	
H317	May cause an allergic skin reaction	
H318	Causes serious eye damage	
H319	Causes serious eye irritation	
H320	Causes eye irritation	
H335	May cause respiratory irritation	
H341	Suspected of causing genetic defects	
H350	May cause cancer	
H373	May cause damage to organs through prolonged or repeated exposure	

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.