



Safety Data Sheet

PROGRESSION SPRAY STAIN BASE



1. Identification

Product identifier	PROGRESSION SPRAY STAIN BASE		
Product code	SS-0100		
Other means of identification	None.		
Recommended use of the chemical and restrictions on use	A protective and/or decorative finish or accompanying paint product. Not recommended for any other use not detailed on product data sheet or label.		
Manufacturer	GEMINI INDUSTRIES, INC. 2300 Holloway Drive El Reno, OK 73036 USA Tel. 1-800-262-5710 Fax 1-405-262-9310 www.geminicoatings.com		
Emergency phone number	24-hour Emergency (Spill, Leak, Exposure or accident) INFOTRAC 800-535-5053 Outside USA, Call Collect 1-352-323-3500 (French & English) HAZMAT Response and MSDS Help: EMI 800-510-8510		

2. Hazard identification

Summary	FLAMABLE LIQUID! Keep away from heat, sparks and open flame. Avoid contact with skin, eyes and clothing. Do not breathe vapours, mists or aerosols. Do not ingest. If ingested consult physician immediately and show this Safety Data Sheet. Wear eye protection, gloves and other protective clothing that are adapted to the task being performed and the risks involved.
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WHMIS 2015/OSHA HCS 2012/GHS

Flammable liquids (Category 2)
 Skin corrosion/irritation (Category 2)
 Serious eye damage/eye irritation (Category 1)
 Skin sensitizer (Category 1)
 Germ cell mutagenicity (Category 1B)
 Carcinogenicity (Category 1B)
 Reproductive toxicity (Category 2)
 Specific target organ toxicity, single exposure (Category 3)



Other hazards which do not result in classification :

Acute toxicity, oral (Category 5)
 Acute toxicity, dermal (Category 5)
 Acute hazard to the aquatic environment (Category 2).
 Long-term hazard to the aquatic environment (Category 2)

DANGER

H225: Highly Flammable liquid and vapour
 H318: Causes serious eye damage

H350: May cause cancer
H340: May cause genetic defects
H315: Causes skin irritation
H317: May cause an allergic skin reaction
H335: May cause respiratory irritation
H336: May cause drowsiness or dizziness
H361: Suspected of damaging fertility or the unborn child
H303 + H313: May be harmful if swallowed or in contact with skin
H411: Toxic to aquatic life with long lasting effects
P201: Obtain special instructions before use.
P202: Do not handle until all safety precautions have been read and understood.
P210: Keep away from heat, sparks, open flames and other ignition sources. No smoking.
P240: Ground or bond container and receiving equipment.
P242: Use only non-sparking tools.
P243: Take precautionary measures against static discharge.
P261: Avoid breathing vapours, mist and spray.
P264: Wash skin thoroughly after handling.
P271: Use only in a well-ventilated area.
P272: Contaminated work clothing should not be allowed out of the workplace.
P273: Avoid release to the environment.
P280: Wear protective gloves, protective clothing and eye protection.
P303+361+353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water and soap or take a shower if necessary.
P333+313: If skin irritation or a rash occurs: Get medical advice/attention.
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P305+351+338: IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P310: Immediately call a doctor/physician.
P308+313: IF exposed or concerned: Get medical advice/attention.
P321: Specific treatment (see section 4 of SDS or on this label).
P362+364: Take off contaminated clothing and wash before reuse.
P370+378: In case of fire: Use the National Fire Protection Association Class B extinguisher for extinction.
P391: Collect spillage.
P403+P235+P233: Store in a well-ventilated place. Keep container tightly closed. Keep cool.
P405: Store locked up.
P501: Dispose of contents and container to an approved waste disposal plant.

3. Composition/information on ingredients

Common name	CAS	Weight % content
Acetone	67-64-1	50 - 52 %
n-Butyl Alcohol	71-36-3	21 - 23 %
1-Chloro-4-(trifluoromethyl)benzene	98-56-6	14 - 16 %
2-Butoxyethanol	111-76-2	7.5 - 8.5 %
Propylene glycol monomethyl ether acetate	108-65-6	2.5 - 3.5 %
Stoddard solvent (Mineral Spirits)	8052-41-3	0.1 - 1 %

4. First-aid measures

Inhalation	Move person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen by trained personnel. If a problem develops or persists, seek medical attention.
Skin contact	Wash skin with warm water and mild soap for at least 15 minutes. Remove contaminated clothing and wash before reuse. Avoid touching eyes with contaminated body parts. If a problem develops or persists, seek

	medical attention.
Eye contact	IMMEDIATELY! Flush with water for at least 15 minutes. Remove contact lenses. Hold eyelids apart to rinse properly. If a problem develops or persists, seek medical attention.
Ingestion	DO NOT induce vomiting, unless recommended by medical personnel. Never give anything by mouth if victim is unconscious or convulsing. If victim is conscious wash out mouth with water and give 1-2 glasses of water to drink. If spontaneous vomiting occurs, keep head below hip level to prevent aspiration into the lungs. Seek medical attention or contact a Poison Centre immediately.
Other	No information available.
Symptoms	May cause severe eye irritation or eye damage. May cause redness, dryness, rash and skin irritation. May cause an allergic reaction of the skin. May cause irritation to nose, throat and respiratory tract. Inhalation of vapours may cause central nervous system depression such as drowsiness, headache, dizziness, vertigo, nausea and fatigue.
Notes to the physician	Treat symptomatically. If lavage is performed, suggest endotracheal and/or esophageal control. Danger from lung aspiration must be weighed against toxicity when considering emptying the stomach. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

5. Fire-fighting measures

Suitable extinguishing media	Class B extinguishers. Dry chemicals, alcohol resistant foam, carbon dioxide (CO ₂). Do not use direct water jet.
Specific hazards arising from the chemical	Very flammable liquid and vapours. Vapours are heavier than air and may travel to an ignition source distant from the material handling point. May be ignited by heat, sparks, flame or static electricity. Do not apply to hot surfaces. Contact with strong oxidizers may cause fire. In a fire or if heated, a pressure increase will occur and the container may burst. Emits toxic fumes under fire conditions.
Special protective equipment	Firefighters must wear self contained breathing apparatus with full face mask. Firefighting suit may not be efficient against chemicals.
Special protective actions for fire-fighters	Use water spray to cool fire-exposed containers. Water spray can reduce the intensity of the flames. However, the water jets can spread the fire. Prevent run-off from fire control or dilution from entering streams, sewers or drinking water supply.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Do not touch spilled material. Make sure to wear personal protective equipment mentioned in this Safety Data Sheet.
Environmental precautions	Prevent entry in sewer and other enclosed area. For a large spill, consult the Department of Environment or the relevant authorities.
Methods and materials for containment and cleaning up	Remove sources of ignition. Ventilate the area well. Stop leak, if it's possible to do so without risk. Absorb with inert material (soil, sand, vermiculite) and place in an appropriate waste disposal clearly identified. Use non-sparking and antistatic tools. Dispose via a licensed waste disposal contractor. Finish cleaning the contaminated surface by rinsing with soapy water. PS: Rags and others materials soaked with paint or solvent may spontaneously catch fire if improperly store or discarded. Immediately after each use place rags and paper towels in a sealed water-filled metal container to prevent spontaneous combustion.

7. Handling and storage

Precautions for safe handling	Keep away from heat, sparks and open flame. Turn off all pilot lights, flames, stoves, heaters, electric motors, welding equipment and other sources of ignition. Use non-sparking and antistatic tools. Ground/bond all containers when transferring large quantities (5 gallons US or 20 L and more). Use
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only in well ventilated area. Avoid prolonged or repeated breathing of vapour or mists. Avoid contact with skin, eyes and clothing. Wear eye protection, gloves and other protective clothing that are adapted to the task being performed and the risks involved. Keep containers tightly closed when not in use. Containers of this material may be hazardous even when empty. Since empty containers retain product residues (vapour, liquid), all hazard precautions given in this sheet must be observed. Do not eat, do not drink and do not smoke during use. Wash hands, forearms and face thoroughly after handling this compound and before eating, drinking or using toiletries. Remove contaminated clothing and wash before reuse. Rags, steel wool and paper towels soaked with this product may overheat and spontaneously ignite if piled in a heap. After use immediately store them in water-filled metal can with tight fitting lid.

Conditions for safe storage, including any incompatibilities

Storage and handling should follow the NFPA 30 Flammable and/or Combustible Liquids Code and the National Fire Code of Canada (NFCC). Store tightly closed and in properly labelled container in a dry, cool and well ventilated place. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Store away from oxidizing materials and incompatible materials (see section 10).

Storage temperature

10 to 25°C (50 to 77°F)

8. Exposure controls/personal protection

Immediately Dangerous to Life or Health

Acetone: 2500 ppm.
n-Butyl Alcohol: 1400 ppm.
2-Butoxyethanol: 700 ppm.
Stoddard solvent (Mineral Spirits): 20000 mg/m³.

Acetone	STEL	500 ppm		ACGIH , BC
		750 ppm	1782 mg/m ³	ON
		1000 ppm	2380 mg/m ³	RSST
n-Butyl Alcohol	TWA (8h)	250 ppm		ACGIH , BC
		500 ppm	1188 mg/m ³	ON
	Ceiling	500 ppm	1190 mg/m ³	RSST
		30 ppm		BC
1-Chloro-4-(trifluoromethyl)benzene	TWA (8h)	50 ppm	152 mg/m ³	RSST (Pc, RP)
		15 ppm		BC
		20 ppm		ACGIH , ON
2-Butoxyethanol	TWA (8h)	25 ppm		Other
		20 ppm		ACGIH , BC, ON
Propylene glycol monomethyl ether acetate	STEL	20 ppm	97 mg/m ³	RSST
		75 ppm		BC
		50 ppm		BC , US AIHA
Stoddard solvent (Mineral Spirits)	TWA (8h)	50 ppm	270 mg/m ³	ON
			580 mg/m ³	BC
			290 mg/m ³	BC
		100 ppm	525 mg/m ³	ACGIH , ON, RSST

Appropriate engineering controls

Provide sufficient mechanical ventilation (general and/or local exhaust) to keep the airborne concentrations of vapours, mists, aerosols or dust below their respective occupational exposure limits.

Individual protection measures

Eye

Wear chemical splash goggles.

Hands

Wear Neoprene gloves. Before using, user should confirm impermeability. Discard gloves with tears, pinholes, or signs of wear. Gloves must only be worn on clean hands. Wash gloves with water before removing them. After using gloves, hands should be washed and dried thoroughly.

Skin

Personal protective equipment for the body should be selected based on the task being performed and the risks involved. Wear normal work clothing covering arms and legs as required by employer

	code. Wear an apron or long-sleeve protective coverall suit.
Respiratory	Respiratory protection is not required for normal use. Respiratory protection equipment (RPE) must be selected, fitted, maintained and inspected in accordance with regulations and CSA Standard Z 94.4 and approved by NIOSH / MSHA. In case of insufficient ventilation or in confined or enclosed space and for an assigned protection factor (APF) up to 10 times the exposure limit, wear a half mask respirator with organic vapour cartridges fitted with P100 filters. For an APF until maximum 100 times of exposure limit, wear a full face respirator mask with organic vapour cartridges and P100 filters.
Feet	Wear rubber boots to clean up a spill.

9. Physical and chemical properties

Physical state	Liquid	Flammability	Flammable
Colour	Clear	Flammability limits	N/Av.
Odour	Solvent	Flash point	0°C (32°F)
Odour threshold	N/Av.	Auto-ignition temperature	N/Av.
pH	N/Av.	Sensibility to electrostatic charges	Yes
Melting point	N/Av.	Sensibility to sparks and/or friction	No
Freezing point	N/Av.	Vapour density	>1 (Air = 1)
Boiling point	56°C (132.8°F)	Relative density	0.867 kg/L (Water = 1)
Solubility	Soluble in water (>75%)	Partition coefficient n-octanol/water	N/Av.
Evaporation rate	> Butyl Acetate	Decomposition temperature	N/Av.
Vapour pressure	N/Av.	Viscosity	N/Av.
Percent Volatile	99.17%	Molecular mass	N/Av.
N/Av.: Not Available N/Av.: Not Applicable Und.: Undetermined N/E: Not Established			

10. Stability and reactivity

Reactivity	No information available.
Chemical stability	Stable under recommended storage conditions.
Possibility of hazardous reactions (including polymerizations)	A dangerous reaction will not occur.
Conditions to avoid	Avoid heat, flame and sparks. Avoid contact with incompatible materials.
Incompatible materials	Strong bases, mineral acids, strong oxidizing agents (such as nitric acid, perchloric acid, peroxides, chlorates and perchlorates).
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological information

Numerical measures of toxicity	<table border="0"> <tr> <td data-bbox="289 113 803 220">Acetone</td> <td data-bbox="820 113 1565 220">Ingestion 5800 mg/kg Rat LD50 Inhalation 71.4 mg/l/4h Rat LC50 Skin 15800 mg/kg Rabbit LD50</td> </tr> <tr> <td data-bbox="289 220 803 327">n-Butyl Alcohol</td> <td data-bbox="820 220 1565 327">Ingestion 2510 mg/kg Rat LD50 Inhalation 24.2 mg/l/4h Rat LC50 Skin 3400 mg/kg Rabbit LD50</td> </tr> <tr> <td data-bbox="289 327 803 470">1-Chloro-4-(trifluoromethyl)benzene</td> <td data-bbox="820 327 1565 470">Ingestion 5546 mg/kg Rat LD50 Inhalation 20 mg/l/4h Mouse LC50 22 mg/l/4h Rat LC50 Skin >2000 mg/kg Rabbit LD50</td> </tr> <tr> <td data-bbox="289 470 803 577">2-Butoxyethanol</td> <td data-bbox="820 470 1565 577">Ingestion 560 mg/kg Rat LD50 Inhalation 2.21 mg/l/4h Rat LC50 Skin 220 mg/kg Rabbit LD50</td> </tr> <tr> <td data-bbox="289 577 803 684">Propylene glycol monomethyl ether acetate</td> <td data-bbox="820 577 1565 684">Ingestion 8532 mg/kg Rat LD50 Inhalation 28.7 mg/l/4h Rat LC50 Skin >5000 mg/kg Rabbit LD50</td> </tr> <tr> <td data-bbox="289 684 803 800">Stoddard solvent (Mineral Spirits)</td> <td data-bbox="820 684 1565 800">Ingestion >5000 mg/kg Rat LD50 Inhalation >12 mg/l/4h Rat LC50 Skin >3000 mg/kg Rabbit LD50</td> </tr> </table>	Acetone	Ingestion 5800 mg/kg Rat LD50 Inhalation 71.4 mg/l/4h Rat LC50 Skin 15800 mg/kg Rabbit LD50	n-Butyl Alcohol	Ingestion 2510 mg/kg Rat LD50 Inhalation 24.2 mg/l/4h Rat LC50 Skin 3400 mg/kg Rabbit LD50	1-Chloro-4-(trifluoromethyl)benzene	Ingestion 5546 mg/kg Rat LD50 Inhalation 20 mg/l/4h Mouse LC50 22 mg/l/4h Rat LC50 Skin >2000 mg/kg Rabbit LD50	2-Butoxyethanol	Ingestion 560 mg/kg Rat LD50 Inhalation 2.21 mg/l/4h Rat LC50 Skin 220 mg/kg Rabbit LD50	Propylene glycol monomethyl ether acetate	Ingestion 8532 mg/kg Rat LD50 Inhalation 28.7 mg/l/4h Rat LC50 Skin >5000 mg/kg Rabbit LD50	Stoddard solvent (Mineral Spirits)	Ingestion >5000 mg/kg Rat LD50 Inhalation >12 mg/l/4h Rat LC50 Skin >3000 mg/kg Rabbit LD50						
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Likely routes of exposure	Skin, eyes, inhalation, ingestion.																		
Delayed, immediate and chronic effects	<table border="0"> <tr> <td data-bbox="289 884 535 1052"> Eye contact </td> <td data-bbox="544 884 1565 1052"> May cause severe eye irritation or eye damage. Butyl Alcohol instilled in rabbit eyes resulted in severe corneal irritation and eye damage (OECD 405). Application in excess of 5% dilution solution gave irritating effect. Eye Irritation/Corrosion, Rabbit (OECD TG 405): tests performed with the other ingredients of this mixture gave not irritating to irritating results. </td> </tr> <tr> <td data-bbox="289 1052 535 1159"> Skin contact </td> <td data-bbox="544 1052 1565 1159"> May cause redness, dryness, rash and skin irritation. Skin Irritation/Corrosion, Rabbit (OECD 404) : tests performed with each ingredient of this mixture gave not irritating to irritating results. </td> </tr> <tr> <td data-bbox="289 1159 535 1350"> Inhalation </td> <td data-bbox="544 1159 1565 1350"> Excessive inhalation is harmful. May cause irritation to nose, throat and respiratory tract. Inhalation of vapours may cause central nervous system depression such as drowsiness, headache, dizziness, vertigo, nausea and fatigue. The severity of symptoms may vary depending on exposure conditions. Repeated and prolonged occupational overexposure to solvents may cause brain and nervous system damage. </td> </tr> <tr> <td data-bbox="289 1350 535 1478"> Ingestion </td> <td data-bbox="544 1350 1565 1478"> Swallowing will causes digestive tract disturbances resulting in nausea, vomiting, cramps and diarrhea. Ingestion of large amounts may cause depression of the central nervous system characterized by headache, dizziness, convulsions and loss of consciousness. </td> </tr> <tr> <td data-bbox="289 1478 535 1551"> Respiratory or skin sensitization </td> <td data-bbox="544 1478 1565 1551"> 1-Chloro-4-(trifluoromethyl)benzene is a skin sensitizer (mouse, OECD TG 429). 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	<p>Specific target organ toxicity - single exposure</p> <p>Specific target organ toxicity - repeated exposure</p> <p>No target organ is listed.</p>
Interactive effects	No information available for this product.
Other information	The oral and skin acute toxicity estimates (ATE) of the mixture were calculated to be greater than 2000 mg/kg but lower than 5000 mg/Kg. These values are classified category 5 by the GHS. The acute toxicity estimate (ATE) by inhalation of the mixture was calculated to be greater than 20 mg/L/4h. These values are not classified according to WHMIS 2015 and OSHA HCS 2012.

12. Ecological information

Ecological toxicity	<p>Fish - Oncorhynchus mykiss - Rainbow trout LC50 4.74-6.33 mg/L; 96 h (acetone)</p> <p>Aquatic Invertebrate - Daphnia magna EC50 12600-12700 mg/L; 48 h (acetone)</p> <p>Fish - Danio rerio LC50 3 mg/L; 96h (CAS no 98-56-6) OECD 203</p> <p>Aquatic Invertebrate - Daphnia magna (semi-static) EC50 2 mg/L; 48h (CAS no 98-56-6)</p> <p>Fish - Pimephales promelas [static] LC50 1376 mg/L; 96 h (n-Butyl alcohol)</p> <p>Aquatic Invertebrate - Daphnia magna EC50 1983 mg/L; 48 h (n-Butyl alcohol)</p> <p>Algae - Desmodesmus subspicatus EC50 >500 mg/L; 72 h (n-Butyl alcohol)</p> <p>Fish various LC50 >160 mg/L ; 96h (2-Butoxyethanol)</p> <p>Crustaceans various EC50 >130 mg/L ; 96h (2-Butoxyethanol)</p> <p>Fish - Pimephales promelas [static] LC50 161 mg/L; 96 h (CAS no 108-65-6)</p> <p>Aquatic Invertebrate - Daphnia magna EC50 >500 mg/L; 48 h (CAS no 108-65-6)</p> <p>Aquatic Invertebrate - Daphnia magna EC50 0.42-2.3 mg/L; 48 h (Stoddard solvent)</p> <p>Algae, Pseudokirchneriella subcapitata EC50 1.5mg/L; 72 h (Stoddard solvent)</p>
Persistence	Contains an or many ingredients that may be persistent in aquatic environment.
Degradability	<p>Acetone undergoes slow photolysis in air (half-life time T1/2 = 80 h) and in water (T1/2 >43 h). n-Butyl Alcohol is readily biodegradable. Degradation by Biochemical Oxygen Demand BOD (O2 consumption) was reported as 92% after 20 days. 1-Chloro-4-(trifluoromethyl)benzene is not degraded by photolysis in water. It has also showed to be not ready biodegradable, 19.2% during 28 days (OECD TG 301D).</p> <p>2-Butoxyethanol is readily biodegradable 90.4% in 28 days (OECD Guideline 301B). Propylene glycol monomethyl ether acetate is readily biodegradable (83% in 10 days) OECD Guideline 301 E. Stoddard solvent (Mineral Spirits) is not rapidly degrading, according to Biochemical Oxygen Demand (BOD) of 12-13% (EHC187, 1996).</p>
Bioaccumulative potential	<p>Acetone has a Bioconcentration Factor (BCF) of 0.65 and a partition factor Log Kow of -0.24, indicating no bioaccumulation. n-Butyl alcohol has a Bioconcentration Factor (BCF) value of 3, and its Log Kow value is from 0.8 to 1, indicating its potential to bioaccumulate is very low. According to an estimated Bioconcentration Factors (BCF) of 110 in fish and an estimated partition coefficient log Kow of 3.6 suggest that 1-Chloro-4-(trifluoromethyl)benzene has a potential for bioaccumulation in aquatic organisms is high (TOXNET). 2-Butoxyethanol is not expected to bioaccumulate based on a low partition coefficient (Log Kow <2). Propylene glycol monomethyl ether acetate is not expected to bioaccumulate based on a low partition coefficient (Log Kow 0.36).</p>
Mobility in soil	<p>Acetone evaporates very rapidly from dry soil surfaces. It is very soluble in water and it is expected to have very high mobility in soil with no adsorption to sediment. n-Butyl alcohol is soluble in water. The estimated Koc value of 3.2 suggests that it is expected to have very high mobility in soil. The Koc value of 1600 suggest that 1-Chloro-4-(trifluoromethyl)benzene is expected to have low mobility in soil (TOXNET). The estimated Koc value of 0.83 suggests that 2-Butoxyethanol is expected to have high mobility in soil (TOXNET). Propylene glycol monomethyl ether acetate is soluble in water and and should have a high mobility in soil. It will be distributed to air (10.22%), water (89.73%), soil (0.03%), and sediment (0.02%).</p>
	This chemical does not deplete the ozone layer.

Other adverse effects

13. Disposal considerations

Container



Important! Prevent waste generation. Use in full. DO NOT dispose of residue in sewers, streams or drinking water supply. DO NOT puncture, cut, heat or burn container, even after use. Paint residues, including lacquers, stains, shellac, varnish, solvents and paint thinners, can be reprocessed (recycle) anywhere there is a recovery program. Dispose via a licensed waste disposal contractor. Observe all federal, state/provincial and municipal regulations. If necessary consult the Department of Environment or the relevant authorities.

14. Transport information

UN Number	UN 1263
UN Proper Shipping Name	PAINT
Environmental hazards	This material does not contain marine pollutant.
Special precautions for user	Permit required for transportation with proper placards displayed on vehicle.
TDG - Transportation of Dangerous Goods (Canada)	
Transport hazard class(es)	 Class 3
Packing group	II
IMO/IMDG - International Maritime Transport	
Classification	UN 1263. PAINT. Class 3, PG II. Emergency schedules (EmS-No) F-E, S-E
IATA - International Air Transport Association	
Classification	UN 1263. PAINT. Class 3, PG II.
These transportation classifications are provided as a customer service. As the shipper YOU remain responsible for complying with all applicable laws and regulations, including proper transportation classification and packaging. In addition, if a domestic exemption exists, it is the responsibility of the shipper to define the application of it.	

15. Regulatory information

CANADA

Common name	CAS	CEPA	DSL	NDSL	NPRI
Acetone	67-64-1		X		
n-Butyl Alcohol	71-36-3	X	X		X
1-Chloro-4-(trifluoromethyl)benzene	98-56-6		X		
2-Butoxyethanol	111-76-2	X	X		X
Propylene glycol monomethyl ether acetate	108-65-6	X	X		X
Stoddard solvent (Mineral Spirits)	8052-41-3	X	X		X

- CEPA: List of Toxic Substances Managed Under Canadian Environmental Protection Act
- DSL: Domestic Substances List Inventory
- NDSL: Non-Domestic Substances List Inventory
- NPRI: National Pollutant Release Inventory Substances

UNITED STATE OF AMERICA

Common name	CAS	TSCA	CERCLA	EPCRA 313	EPCRA 302/304	CAA 112(b) HON	CAA 112(b) HAP	CAA 112(r)	CWA 311	CWA Priority
Acetone	67-64-1	X	X			X				
n-Butyl Alcohol	71-36-3	X	X	X					X	
1-Chloro-4-(trifluoromethyl)benzene	98-56-6	X								
2-Butoxyethanol	111-76-2	X								
Propylene glycol monomethyl ether acetate	108-65-6	X								
Stoddard solvent (Mineral Spirits)	8052-41-3	X								

- TSCA: Toxic Substance Control Act
- CERCLA: Comprehensive Environmental Response, Compensation, and Liability Act list of hazardous substances
- EPCRA 313: Emergency Planning and Community Right-to-Know Act, Section 313 Toxic Chemicals
- EPCRA 302/304: Emergency Planning and Community Right-to-Know Act, Section 302/304 Extremely Hazardous Substances
- CAA 112(b) HON: Clean Air Act - Hazardous Organic National Emission Standard for Hazardous Air Pollutant
- CAA 112(b) HAP: Clean Air Act - Hazardous Air Pollutants lists pollutants
- CAA 112(r): Clean Air Act - Regulated Chemicals for Accidental Release Prevention
- CWA 311: Clean Water Act - List of Hazardous Substances
- CWA Priority: Clean Water Act - Priority Pollutant list

California Proposition 65

No ingredients listed.

Other regulations

WHMIS 1988



B2 D1A D2B

Class B2 : Flammable Liquid

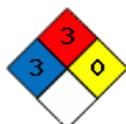
Class D1A : Very toxic material causing immediate and serious toxic effects

Class D2B : Toxic material causing other toxic effects

HMIS



NFPA



16. Other information

Date (YYYY-MM-DD)	GEMINI INDUSTRIES, INC. 2016-02-23
Version	01
Other information	<p>- This SDS and the GHS hazards classification is a French translation of the original English version (SDS) from the manufacturer.</p> <p>REFERENCES:</p> <ul style="list-style-type: none"> - Haz-Map, Information on Hazardous Chemicals and Occupational Diseases, http://hazmap.nlm.nih.gov/index.php - TOXNET Databases, Toxicology Data Network, NIH U.S. National Library of Medicine, http://toxnet.nlm.nih.gov/ - Service du répertoire toxicologique de la Commission des normes, de l'équité, de la santé et de la sécurité

du travail (CNESST), <http://www.reptox.csst.qc.ca>

- NIOSH Pocket Guide to Chemical Hazards, Centers for Disease Control and Prevention, NIOSH Publications, 2007, <http://www.cdc.gov/niosh/npg/npg.html>

- IPCS INCHEM, Chemical Safety Information from Intergovernmental Organizations, Canadian Centre for Occupational Health and Safety (CCOHS), Copyright International Programme on Chemical Safety (IPCS), <http://www.inchem.org>

- OECD Existing Chemicals Database, Chemicals Screening Information DataSet (SIDS) for High Volume Chemicals, UNEP publications, <http://webnet.oecd.org/HPV/UI/Search.aspx>

ACGIH: American Conference of Governmental Industrial Hygienists

AIHA: American Industrial Hygiene Association

HMIS: Hazardous Materials Identification System

NFPA: National Fire Protection Association

OSHA: Occupational Safety and Health Administration (USA)

NIOSH: National Institute for Occupational Safety and Health

NTP: National Toxicology Program

RSST: Règlement sur la santé et la sécurité du travail (Québec)

GHS: Globally Harmonized System

IARC: International Agency for Research on Cancer

IDLH: Immediately Dangerous to Life or Health

STEL: Short Term Exposure Limit (15 min)

TWA: Time Weighted Averages

WHMIS: Workplace Hazardous Materials Information System

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