

SAFETY DATA SHEET PART A

SECTION 1 – IDENTIFICATION

Product identifier	SIERRA BRAVO A
Other means of identification	None
Recommended use and restrictions on use	Construction product / Refer to technical information
Initial supplier identifier	Meghan's Supply & Design // BallistiX 11720 Main St Suite 120, Fredericksburg, VA 22408, United States +1540-940-6698
Emergency telephone number/restriction on use	USA – INFOTRAC 24 hour number 1800-535-5053

SECTION 2 – HAZARD IDENTIFICATION

Classification of hazardous product (name of the category or subcategory of the hazard class)	Acute Toxicity, Inhalation (Category 4) Aspiration Hazard (Category 1) Serious eye damage/irritation (Category 1) Skin Corrosion/irritation (Category 1) Skin Sensitization (Category 1) Reproductive toxicity (Category 2) Carcinogenicity (Category 2) Specific target organ toxicity, single exposure; Narcotics effects (Category 3) Specific target organ toxicity, repeated exposure (Category 2) Hazardous to the aquatic environment –acute (Category 3) Hazardous to the aquatic environment –chronic (Category 3)
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Information elements

(symbols, signal words, hazard statements and precautionary statements of the category/subcategory)



DANGER

H332 Harmful if inhaled.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.

P264 Wash hands thoroughly after handling. **P280** Wear protective gloves/protective clothing/eye protection/face protection. **P271** Use only outdoors or in a well-ventilated area. **P260** Do not breathe dust/fume/gas/mist/vapors/spray. **P261** Avoid breathing mist. **P284** In case of inadequate ventilation wear respiratory protection. **P272** Contaminated work clothing should not be allowed out of the workplace. **P305 +P351 +P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. **P337 +P313** If eye irritation persists: Get medical advice/attention. **P304 +P340** IF INHALED: Remove person to fresh air and keep comfortable for breathing. **P312** Call a POISON CENTER/doctor if you feel unwell. **P342 +P311** If experiencing respiratory symptoms: Call a poison center/doctor. **P303 +P352** IF ON SKIN: Wash with plenty of soap and water. **P333 +P313** If skin irritation or rash occurs: Get medical advice/attention. **P363** Wash contaminated clothing before reuse. **P403 +P233** Store in a well-ventilated place. Keep container tightly closed. **P405** Store locked up. **P501** Dispose of contents/container into safe container in accordance with local, regional or national regulations.

Other Hazards Known

None

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SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name (common name/synonyms)	CAS NUMBER or other	Concentration (%)
Hexamethylene diisocyanate oligomers, isocyanurate	28182-81-2	80 – 100
Hexamethylene-di-isocyanate	822-06-0	< 0.5
Propylene carbonate	108-32-7	10 – 20

All ingredients are listed according to OSHA (29 CFR).

* Statement – This safety data sheet provides concentration range(s) instead of the actual concentration(s) considered trade secret(s).

SECTION 4 – FIRST AID MEASURES

Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor.
Ingestion	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. NEVER give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Rinse mouth thoroughly with water. Have victim drink two glasses of water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Call a doctor if you feel unwell.
Skin contact	IF ON SKIN: wash with plenty of water (15–20 minutes). IF SKIN irritation or rash occurs: Get medical attention. Take off contaminated clothing and wash it before reuse.
Eye contact	IF IN EYES, Rinse cautiously with water for several minutes (15–20). Remove contact lenses, if present and easy to do. Continue rinsing.
Most important symptoms and effects (acute and delayed)	Causes severe skin, respiratory or digestive tract burns and eye damage.
Indication of immediate medical attention/special treatment	In all cases, call a doctor. Do not forget this document.

SECTION 5 – FIREFIGHTING MEASURES

Specific hazards of the hazardous product (hazardous combustion products)	Carbon oxides and other irritant/toxic gases and fumes.
Suitable and unsuitable extinguishing media	In case of fire: Use carbon dioxide, chemical powder agent and appropriate foam to extinguish surrounding products.
Special protective equipment and precautions for fire-fighters	During a fire, irritating/toxic smoke and fumes may be generated. Do not enter fire area without proper protection. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece. Shield personnel to protect from venting, rupturing or bursting cans. Move containers from fire area if it can be done without risk. Water spray may be useful in cooling equipment and cans exposed to heat and flame.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Absorb spillage to prevent material damage. Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment (See Section 8).
Methods and materials for containment and cleaning up	Ventilate area of release. Stop the leak if it can be done safely. Contain and absorb any spilled liquid concentrate with inert absorbent material, then place material into a container for later disposal (see Section 13). Contaminated absorbent material may pose the same hazards as the spilled product. Notify the appropriate authorities as required.

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SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling	<p>Wear protective gloves/ protective clothing/ eye protection/ face protection.</p> <p>Before handling, it is very important that engineering controls are operating, and that protective equipment requirements and personal hygiene measures are being followed. People working with this chemical should be properly trained regarding its hazards and its safe use. Inspect containers for leaks before handling. Label containers appropriately. Ensure proper ventilation. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with eyes, skin and clothing. Keep away from heat, sparks and flame. Avoid generating high concentrations of dusts, vapors or mists. Keep away from incompatible materials (Section 10). Keep containers closed when not in use. Empty containers are always dangerous. Refer also to Section 8.</p>
Conditions for safe storage, including any incompatibilities	<p>Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. Store away from incompatible materials (Section 10). Inspect all incoming containers to make sure they are properly labelled and not damaged. Storage area should be clearly identified, clear of obstruction and accessible only to trained personnel. Inspect periodically for damage or leaks.</p>

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters (biological limit values or exposure limit values and source of those values)	Exposure limits: None;
Appropriate engineering controls	<p>Use under well-ventilated conditions. Local exhaust ventilation system is recommended to maintain concentrations of contaminants below exposure limits. Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.</p>
Individual protection measures/personal protective equipment	<p>Respiratory protection is required if the concentrations are higher than the exposure limits. Use a NIOSH approved respirators if the exposure limits are unknown. Chemically protective gloves (impervious), and other protective clothing to prevent prolonged or repeated skin contact, must be worn during all handling operations. Wear protective chemical splash goggles to prevent mists from entering the eyes. Wash hands/nails/face thoroughly after handling. Do not eat, drink or smoke when using this product. Practice good personal hygiene after using this material. Remove and wash contaminated work clothing before re-use.</p>

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance / color	Liquid, Light yellow	Vapor pressure	Not available
odor	Characteristic	Vapor density	Not available
odor threshold	Not available	Relative density	1.14 (g/ml)
pH	Not available	Solubility	Reacts with water
Melting point / Freezing point	Not available	Partition coefficient of n-octanol/water	Not available
Initial boiling point/ranges	>428°F (>220°C)	Auto-ignition temperature	>482°F (250°C)
Flash point	240.8°F (116°C)	Decomposition temperature	Not available
Evaporation rate	Not available	Viscosity	300–500 cps
Flammability (solid, gas)	Not flammable	VOC	Not available
Upper/Lower flammability or explosive limits	21 vol.% @ 392°F (200°C) 4.7 vol.% @ 392°F (200°C)	Other	None know

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SECTION 10 – STABILITY AND REACTIVITY

Reactivity	Does not react under the recommended storage and handling conditions prescribed.
Chemical Stability	Stable under the recommended storage and handling conditions prescribed.
Possibility of hazardous reactions	None known
Conditions to avoid (static discharge, shock or vibration)	None known
Incompatible materials	Oxidizing materials; etc.
Hazardous decomposition products	None known

SECTION 11 – TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)	Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.
Symptoms related to the physical, chemical and toxicological characteristics	Skin irritation, redness, stinging, pain; Eye irritation, redness, tearing; Respiratory tract irritation, coughing, shortness of breath, dizziness, drowsiness, nausea and headaches.
Delayed and immediate effects (chronic effects from short-term and long-term exposure)	Skin Sensitization – Possible; Respiratory Sensitization – Possible; Germ Cell Mutagenicity – No data available; Carcinogenicity – No ingredient listed by IARC, ACGIH, NTP or OSHA; Reproductive Toxicity – No data available; Specific Target Organ Toxicity — Single Exposure – Possible; Specific Target Organ Toxicity — Repeated Exposure – No data available; Aspiration Hazard – No data available; Health Hazards Not Otherwise Classified – No data available.
Numerical measures of toxicity (ATE; LD ₅₀ & LC ₅₀)	None;

SECTION 12 – ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial information)	No data available for this product
Persistence and degradability	No data available
Bioaccumulative potential	No data available
Mobility in soil	No data available.
Other adverse effects	No data available.

SECTION 13 – DISPOSAL CONSIDERATIONS

Information on safe handling for disposal/methods of disposal/contaminated packaging
Dispose of contents/container into safe container in accordance with local, regional or national regulations.

SECTION 14 – TRANSPORT INFORMATION

UN number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations: NOT REGULATED
UN Number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime): NOT REGULATED
UN Number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air): NOT REGULATED
Special Precautions (transport/conveyance): None known
Environmental hazards (IMDG or other): None known
Bulk transport (usually more than 450L in capacity): Possible

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SECTION 15 – REGULATORY INFORMATION

Safety/health regulations specifics	Refer to Section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR).
Environmental regulations specifics	Refer to Section 3 for ingredient(s) of the DSL
Safety/health/environmental outside regulations specifics Bioaccumulative potential	United States OSHA information: This product is regulated according to OSHA (29 CFR). United States EPA (Environmental Protection Agency) information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14. United States TCSA information: Refer to the ingredients listed in Section 3.
National Fire Protection Association (NFPA)	HEALTH: 1 FLAMMABILITY: 0 INSTABILITY: 0 SPECIAL HAZARDS: Refer to Section 2 & 3. HAZARD SCALE: 0 =Minimal 1 =Slight 2 =Moderate 3 =Serious 4 =Severe

SECTION 16 – OTHER INFORMATION

Date of the latest revision of the safety data sheet	June 22, 2022 version 2
Corrections	SDS Template modifications
References	Safety Data Sheets from manufacturer/supplier
Abbreviations	<p>ACGIH American Conference of Governmental Industrial Hygienists</p> <p>ATE Acute toxicity estimate</p> <p>CAS Chemical Abstract Service</p> <p>DSL Domestic Substance List</p> <p>IARC International Agency for Research on Cancer</p> <p>IATA International Air Transport Association</p> <p>IMDG International Maritime Dangerous Goods Code</p> <p>LC Lethal concentration</p> <p>LD Lethal Dosage</p> <p>NIOSH National Institute for Occupational Safety and Health</p> <p>NTP National Toxicology Program (U.S.A.)</p> <p>OSHA Occupational Safety and Health Administration (U.S.A.)</p> <p>PEL Permissible Exposure Limit</p> <p>STEL Short-term Exposure Limit</p> <p>TDG Transport of dangerous goods</p> <p>TLV Threshold Limit Value</p> <p>TSCA Toxic Substances Control Act</p> <p>TWA Time Weighted Average</p> <p>WH-MIS Workplace Hazardous Materials Information System</p>

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

SAFETY DATA SHEET PART B

SECTION 1 - IDENTIFICATION

Product identifier	SIERRA BRAVO B
Other means of identification	None
Recommended use and restrictions on use	Construction product / Refer to technical information
Initial supplier identifier	Meghan's Supply & Design // BallistiX 11720 Main St Suite 120, Fredericksburg, VA 22408, United States +1540-940-6698
Emergency telephone number/restriction on use	USA - INFOTRAC 24 hour number 1800-535-5053

SECTION 2 - HAZARD IDENTIFICATION

Classification of hazardous product (name of the category or subcategory of the hazard class)	Acute Toxicity, Inhalation (Category 4) Aspiration Hazard (Category 1) Serious eye damage/irritation (Category 1) Skin Corrosion/irritation (Category 1) Skin Sensitization (Category 1) Reproductive toxicity (Category 2) Carcinogenicity (Category 2) Specific target organ toxicity, single exposure; Narcotics effects (Category 3) Specific target organ toxicity, repeated exposure (Category 2) Hazardous to the aquatic environment -acute (Category 3) Hazardous to the aquatic environment -chronic (Category 3)
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Information elements (symbols, signal words, hazard statements and precautionary statements of the category/subcategory)



H332 Harmful if inhaled
H304 May be fatal if swallowed and enters airways
H314 Causes severe skin burns and eye damage
H317 May cause an allergic skin reaction
H351 Suspected of causing cancer
H336 May cause drowsiness or dizziness
H373 May cause damage to organs through prolonged or repeated exposure
H361 Suspected of damaging fertility or the unborn child
H412 Harmful 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. **P260** Do not breathe dust or mist. **P314** Get medical advice/attention if you feel unwell. **P280** Wear protective gloves/protective clothing/eye protection/face protection. **P308 +P313** IF exposed or concerned: Get medical advice/attention. **P272** Contaminated work clothing should not be allowed out of the workplace. **P271** Use only outdoors or in a well-ventilated area. **P264** Wash with plenty of water and soap thoroughly after handling. **P305 +P351 +P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. **P303 +P361 +P353** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [shower]. **P333 +P313** If skin irritation or rash occurs: Get medical advice/attention. **P363** Wash contaminated clothing before reuse. **P304 +P340** IF INHALED: Remove person to fresh air and keep comfortable for breathing. **P310** Immediately call a POISON CENTER or doctor/physician. **P301 +P330** IF SWALLOWED: Rinse mouth. **P331** Do NOT induce vomiting. **P362 +P364** Take off contaminated clothing and wash before reuse. **P273** Avoid release to the environment. **P405** Store locked up. **P501** Dispose of contents/container into safe container in accordance with local, regional or national regulations.

Other Hazards Known None

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SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

Chemical name (common name/synonyms)	CAS NUMBER or other	Concentration (%)
1,3,3-trimethyl-N-(2-methylpropylidene)-5-[(2-methylpropylidene)amino]cyclohexanemethylamine	54914-37-3	55 – 75
N-butyl-2-(1-ethylpentyl)-1,3-oxazolidine	165101-57-5	10 – 20
4-methyl-1,3-dioxolan-2-one	108-32-7	10 – 20
Distillates (petroleum), hydrotreated light	64742-47-8	1 – 5
Xylene	1330-20-7	0 – 1
Ethyl benzene	100-41-4	0 – 1
Toluene	108-88-3	0 – 1
Octamethylcyclotetrasiloxane	556-67-2	0 – 1

All ingredients are listed according to OSHA (29 CFR).

* Statement – This safety data sheet provides concentration range(s) instead of the actual concentration(s) considered trade secret(s).

SECTION 4 – FIRST AID MEASURES

Inhalation	IF INHALED: Remove person to fresh air and keep comfortable for breathing. Immediately call a doctor.
Ingestion	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. NEVER give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Rinse mouth thoroughly with water. Have victim drink two glasses of water. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Call a doctor if you feel unwell.
Skin contact	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water (15–20 minutes). Wash contaminated clothing before reuse.
Eye contact	IF IN EYES, Rinse cautiously with water for several minutes (15–20). Remove contact lenses, if present and easy to do. Continue rinsing.
Most important symptoms and effects (acute and delayed)	Causes severe skin, respiratory or digestive tract burns and eye damage.
Indication of immediate medical attention/special treatment	In all cases, call a doctor. Do not forget this document.

SECTION 5 – FIREFIGHTING MEASURES

Specific hazards of the hazardous product (hazardous combustion products)	Carbon oxides and other irritant/toxic gases and fumes.
Suitable and unsuitable extinguishing media	In case of fire: Use carbon dioxide, chemical powder agent and appropriate foam to extinguish surrounding products.
Special protective equipment and precautions for fire-fighters	During a fire, irritating/toxic smoke and fumes may be generated. Do not enter fire area without proper protection. Firefighters should wear proper protective equipment and self-contained breathing apparatus with full facepiece. Shield personnel to protect from venting, rupturing or bursting cans. Move containers from fire area if it can be done without risk. Water spray may be useful in cooling equipment and cans exposed to heat and flame.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures	Absorb spillage to prevent material damage. Restrict access to area until completion of clean-up. Ensure clean-up is conducted by trained personnel only. All persons dealing with clean-up should wear the appropriate protective equipment (See Section 8).
Methods and materials for containment and cleaning up	Ventilate area of release. Stop the leak if it can be done safely. Contain and absorb any spilled liquid concentrate with inert absorbent material, then place material into a container for later disposal (see Section 13). Contaminated absorbent material may pose the same hazards as the spilled product. Notify the appropriate authorities as required.

SAFETY DATA SHEET PART B

SECTION 7 – HANDLING AND STORAGE

Precautions for safe handling	Wear protective gloves/ protective clothing/ eye protection/ face protection. Before handling, it is very important that engineering controls are operating, and that protective equipment requirements and personal hygiene measures are being followed. People working with this chemical should be properly trained regarding its hazards and its safe use. Inspect containers for leaks before handling. Label containers appropriately. Ensure proper ventilation. Avoid breathing dust/fume/gas/mist/vapors/spray. Avoid contact with eyes, skin and clothing. Keep away from heat, sparks and flame. Avoid generating high concentrations of dusts, vapors or mists. Keep away from incompatible materials (Section 10). Keep containers closed when not in use. Empty containers are always dangerous. Refer also to Section 8.
Conditions for safe storage, including any incompatibilities	Store in a well-ventilated place. Keep container tightly closed. Keep cool. Store locked up. Store away from incompatible materials (Section 10). Inspect all incoming containers to make sure they are properly labelled and not damaged. Storage area should be clearly identified, clear of obstruction and accessible only to trained personnel. Inspect periodically for damage or leaks.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

Control Parameters (biological limit values or exposure limit values and source of those values)	Exposure limits: None known
Appropriate engineering controls	Use under well-ventilated conditions. Local exhaust ventilation system is recommended to maintain concentrations of contaminants below exposure limits. Make emergency eyewash stations, safety/quick-drench showers, and washing facilities available in work area.
Individual protection measures/personal protective equipment	Respiratory protection is required if the concentrations are higher than the exposure limits. Use a NIOSH approved respirators if the exposure limits are unknown. Chemically protective gloves (impervious), and other protective clothing to prevent prolonged or repeated skin contact, must be worn during all handling operations. Wear protective chemical splash goggles to prevent mists from entering the eyes. Wash hands/nails/face thoroughly after handling. Do not eat, drink or smoke when using this product. Practice good personal hygiene after using this material. Remove and wash contaminated work clothing before re-use.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Appearance / color	Clear yellowish liquid	vapor pressure	Not available
odor	Characteristic	vapor density	Not available
odor threshold	Not available	Relative density	0.91 g/ml
pH	Not available	Solubility	Reacts with water
Melting point / Freezing point	Not available	Partition coefficient of n-octanol/water	Not available
Initial boiling point/ranges	Not available	Auto-ignition temperature	>392°F (200°C)
Flash point	185°F (85°C)	Decomposition temperature	Not available
Evaporation rate	Not available	Viscosity	100 –200 cps
Flammability (solid, gas)	Not available	VOC	Not available
Upper/Lower flammability or explosive limits	Not available	Other	None know

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SECTION 10 - STABILITY AND REACTIVITY

Reactivity	Does not react under the recommended storage and handling conditions prescribed.
Chemical Stability	Stable under the recommended storage and handling conditions prescribed.
Possibility of hazardous reactions	None known
Conditions to avoid (static discharge, shock or vibration)	Extreme heat, sparks and open flames. Incompatible materials, oxidizers and oxidizing conditions. Moisture before application.
Incompatible materials	Oxidizing materials; Acids; etc.
Hazardous decomposition products	Oxides of carbon (CO, CO ₂). Oxides of nitrogen (NO _x). Isophorone diamine. Isobutyraldehyde.

SECTION 11-TOXICOLOGICAL INFORMATION

Information on the likely routes of exposure (inhalation, ingestion, skin and eye contact)	Harmful if swallowed. Causes severe skin burns and eye damage. May cause an allergic skin reaction. Suspected of damaging fertility or the unborn child.
Symptoms related to the physical, chemical and toxicological characteristics	Skin burn, redness, stinging, pain; Eye burn, redness, tearing; Digestive tract burn; Respiratory tract burn, coughing, shortness of breath, dizziness, drowsiness, nausea and headaches.
Delayed and immediate effects (chronic effects from short-term and long-term exposure)	Skin Sensitization - Possible; Respiratory Sensitization - No data available; Germ Cell Mutagenicity - No data available; Carcinogenicity - Ethylbenzene (CAS 100-41-4) is an IARC group 2B carcinogen based on animal studies; Reproductive Toxicity - Suspected of damaging fertility or the unborn child; Specific Target Organ Toxicity - Single Exposure - May cause drowsiness or dizziness; Specific Target Organ Toxicity - Repeated Exposure - May cause damage to organs through prolonged or repeated exposure; Aspiration Hazard - Possible; Health Hazards Not Otherwise Classified - No data available.
Numerical measures of toxicity (ATE; LD ₅₀ & LC ₅₀)	<p>CAS 54914-37-3 LD₅₀, Oral - Rat - 4150 mg/kg; LD₅₀, Dermal- Rat - >5000 mg/kg</p> <p>CAS 165101-57-5 No data available</p> <p>CAS 108-32-7 LD₅₀, Oral - Rat - 29000 mg/kg; LD₅₀, Dermal- Rabbit - >3000 mg/kg</p> <p>CAS 64742-47-8 LD₅₀, Dermal- Rabbit - >3160 mg/kg</p> <p>CAS 1330-20-7 LD₅₀, Oral - Rat - 3523 mg/kg; LC₅₀, Inhalation (4h) - Rat - 5000 ppm LD₅₀, Dermal- Rabbit - 1700 mg/kg</p> <p>CAS 100-41-4 LD₅₀, Oral - Rat - 3500 mg/kg; LD₅₀, Dermal- Rabbit - 5510 mg/kg</p> <p>CAS 108-88-3 LD₅₀, Oral - Rat - 2600 mg/kg</p> <p>CAS 556-67-2 No data available</p> <p>ATE not available in this document.</p>

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial information)	Harmful to aquatic life with long lasting effects
Persistence and degradability	Not readily biodegradable.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	Toxic to aquatic life. Toxic to aquatic life with long lasting effects.

SECTION 13 - DISPOSAL CONSIDERATIONS

Information on safe handling for disposal/methods of disposal/contaminated packaging

Dispose of contents/container into safe container in accordance with local, regional or national regulations.

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SECTION 14 – TRANSPORT INFORMATION

UN number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations:

UN3267; CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (1,3,3-trimethyl-N-(2-methylpropylidene)-5-[(2-methylpropylidene)amino]cyclohexanemethylamine);; CLASS 8; PG III

UN Number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime):

UN3267; CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (1,3,3-trimethyl-N-(2-methylpropylidene)-5-[(2-methylpropylidene)amino]cyclohexanemethylamine);; CLASS 8; PG III

UN Number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air):

UN3267; CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (1,3,3-trimethyl-N-(2-methylpropylidene)-5-[(2-methylpropylidene)amino]cyclohexanemethylamine);; CLASS 8; PG III

Special Precautions (transport/conveyance): May also be shipped as a LIMITED QUANTITY in accordance with TDG (quantities of 5L or less per individual packaging)

Environmental hazards (IMDG or other): Marine Pollutant

Bulk transport (usually more than 450L in capacity): Possible

SECTION 15 – REGULATORY INFORMATION

Safety/health regulations specifics	Refer to Section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR).
Environmental regulations specifics	Refer to Section 3 for ingredient(s) of the DSL
Safety/health/environmental outside regulations specifics	United States OSHA information: This product is regulated according to OSHA (29 CFR).
Bioaccumulative potential	United States EPA (Environmental Protection Agency) information: 40 CFR Refer to the ingredients listed in Section 3 & Sections 12; 13 & 14.
	United States TCSA information: Refer to the ingredients listed in Section 3.
National Fire Protection Association (NFPA)	HEALTH: 2 FLAMMABILITY: 1 INSTABILITY: 0 SPECIAL HAZARDS: Refer to Section 2 & 3.
	HAZARD SCALE: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

SECTION 16 – OTHER INFORMATION

Date of the latest revision of the safety data sheet June 22, 2022 version 2

Corrections SDS Template modifications

References Safety Data Sheets from manufacturer/supplier

Abbreviations	ACGIH	American Conference of Governmental Industrial Hygienists
	ATE	Acute toxicity estimate
	CAS	Chemical Abstract Service
	DSL	Domestic Substance List
	IARC	International Agency for Research on Cancer
	IATA	International Air Transport Association
	IMDG	International Maritime Dangerous Goods Code
	LC	Lethal concentration
	LD	Lethal Dosage
	NIOSH	National Institute for Occupational Safety and Health
	NTP	National Toxicology Program (U.S.A.)
	OSHA	Occupational Safety and Health Administration (U.S.A.)
	PEL	Permissible Exposure Limit
	STEL	Short-term Exposure Limit
	TDG	Transport of dangerous goods
	TLV	Threshold Limit Value
	TSCA	Toxic Substances Control Act
	TWA	Time Weighted Average
	WHMIS	Workplace Hazardous Materials Information System