

## **Nitrous Oxide**

Safety Data Sheet

conforms to U.S. Code of Federal Regulations 29 CFR 1910.1200 Date of issue: 01/01/2020 Version: 1.01

# **Section 1. Identification**

GHS product identifier	: Nitrous Oxide
Chemical name	: dinitrogen oxide
Other means of identification	<ul> <li>Nitrogen oxide; Nitrous oxide; Nitrogen oxide (N2O); Laughing gas; Hyponitrous acid anhydride; Dinitrogen monoxide</li> </ul>
Product use	: Synthetic/Analytical chemistry.
Synonym	<ul> <li>Nitrogen oxide; Nitrous oxide; Nitrogen oxide (N2O); Laughing gas; Hyponitrous acid anhydride; Dinitrogen monoxide</li> </ul>
SDS #	: 001042
Supplier's details	Boggs Gases 620 MAIN STREET TITUSVILLE, FL 32796 1-321-267-4110
Emergency telephone number	: 1-866-734-3438

### Section 2. Hazards identification

OSHA/HCS status	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	: OXIDIZING GASES - Category 1 GASES UNDER PRESSURE - Compressed gas SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3
GHS label elements	
Hazard pictograms	
Signal word	: Danger
Hazard statements	: May cause or intensify fire; oxidizer. Contains gas under pressure; may explode if heated. May displace oxygen and cause rapid suffocation. May cause drowsiness and dizziness.
Precautionary statemen	t <u>s</u>
General	: Read and follow all Safety Data Sheets (SDS'S) before use. Read label before use. Keep out of reach of children. If medical advice is needed, have product container or label at hand. Close valve after each use and when empty. Use equipment rated for cylinder pressure. Do not open valve until connected to equipment prepared for use. Use a back flow preventative device in the piping. Use only equipment of compatible materials of construction. Open valve slowly. Use only with equipment cleaned for Oxygen service.
Prevention	: Keep away from clothing, incompatible materials and combustible materials. Keep reduction valves free from grease and oil. Use only outdoors or in a well-ventilated area Avoid breathing gas. Use and store only outdoors or in a well ventilated place.
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## Section 2. Hazards identification

Response	: In case of fire: Stop leak if safe to do so. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell.
Storage	<ul> <li>Store locked up. Protect from sunlight. Protect from sunlight when ambient temperature exceeds 52°C/125°F. Store in a well-ventilated place.</li> </ul>
Disposal	<ul> <li>Dispose of contents and container in accordance with all local, regional, national and international regulations.</li> </ul>
Hazards not otherwise classified	: In addition to any other important health or physical hazards, this product may displace oxygen and cause rapid suffocation.

# Section 3. Composition/information on ingredients

Substance/mixture	: Substance
Chemical name	: dinitrogen oxide
Other means of identification	<ul> <li>Nitrogen oxide; Nitrous oxide; Nitrogen oxide (N2O); Laughing gas; Hyponitrous acid anhydride; Dinitrogen monoxide</li> </ul>

#### CAS number/other identifiers

CAS number	: 10024-97-2		
Product code	: 001042		
Ingredient name		%	CAS number
nitrous oxide		100	10024-97-2

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First aid measures

Description of necessary fire	st aid measures
Eye contact	: Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
Inhalation	: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband. In case of inhalation of decomposition products in a fire, symptoms may be delayed. The exposed person may need to be kept under medical surveillance for 48 hours.
Skin contact	: Flush contaminated skin with plenty of water. Remove contaminated clothing and shoes. Get medical attention if symptoms occur. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	: As this product is a gas, refer to the inhalation section.

#### Most important symptoms/effects, acute and delayed

#### Potential acute health effects

Eye contact : May cause eye irritation. Conta frostbite.	tact with rapidly expanding gas may cause burns or
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Section 4. First aid measures		
Inhalation	: Can cause central nervous system (CNS) depression. May cause drowsiness and dizziness. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.	
Skin contact	<ul> <li>May cause skin irritation. Contact with rapidly expanding gas may cause burns or frostbite.</li> </ul>	
Frostbite	: Try to warm up the frozen tissues and seek medical attention.	
Ingestion	: Can cause central nervous system (CNS) depression. As this product is a gas, refer to the inhalation section.	
Over-exposure signs/sym	<u>ptoms</u>	
Eye contact	: No specific data.	
Inhalation	: Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness	
Skin contact	: No specific data.	
Ingestion	: No specific data.	
Indication of immediate me	dical attention and special treatment needed, if necessary	
Notes to physician	<ul> <li>In case of inhalation of decomposition products in a fire, symptoms may be delayed.</li> <li>The exposed person may need to be kept under medical surveillance for 48 hours.</li> </ul>	
Specific treatments	: No specific treatment.	
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.	

Section 5. File-nynting measures		
Extinguishing media		
Suitable extinguishing media	: Use an extinguishing agent suitable for the surrounding fire.	
Unsuitable extinguishing media	: None known.	
Specific hazards arising from the chemical	: Contains gas under pressure. Oxidizing material. This material increases the risk of fire and may aid combustion. Contact with combustible material may cause fire. In a fire or if heated, a pressure increase will occur and the container may burst or explode.	
Hazardous thermal decomposition products	: Decomposition products may include the following materials: nitrogen oxides	
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Contact supplier immediately for specialist advice. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool. If involved in fire, shut off flow immediately if it can be done without risk.	

See toxicological information (Section 11)

# Section 5. Fire-fighting measures

**Special protective** 

equipment for fire-fighters

apparatus (SCBA) with a full face-piece operated in positive pressure mode.

: Fire-fighters should wear appropriate protective equipment and self-contained breathing

# Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures		
For non-emergency personnel	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing gas. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	:	If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	:	Ensure emergency procedures to deal with accidental gas releases are in place to avoid contamination of the environment. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for co	nta	ainment and cleaning up
Small spill	:	Immediately contact emergency personnel. Stop leak if without risk. Use spark-proof tools and explosion-proof equipment.
Large spill	:	Immediately contact emergency personnel. Stop leak if without risk. Use spark-proof tools and explosion-proof equipment. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

# Section 7. Handling and storage

### Precautions for safe handling

Protective measures	:	Put on appropriate personal protective equipment (see Section 8). Contains gas under pressure. Avoid contact with eyes, skin and clothing. Avoid breathing gas. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep away from clothing, incompatible materials and combustible materials. Keep reduction valves free from grease and oil. Empty containers retain product residue and can be hazardous. Do not puncture or incinerate container. Use equipment rated for cylinder pressure. Close valve after each use and when empty. Protect cylinders from physical damage; do not drag, roll, slide, or drop. Use a suitable hand truck for cylinder movement.
Advice on general occupational hygiene	:	Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	:	Store in accordance with local regulations. Store in a segregated and approved area. Store away from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10). Store locked up. Separate from acids, alkalies, reducing agents and combustibles. Keep container tightly closed and sealed until ready for use. Cylinders should be stored upright, with valve protection cap in place, and firmly secured to prevent falling or being knocked over. Cylinder temperatures should not exceed 52 °C (125 °F).

# Section 8. Exposure controls/personal protection

#### Control parameters

#### **Occupational exposure limits**

Ingredient name		Exposure limits
Dinitrogen oxide		ACGIH TLV (United States, 6/2013). TWA: 90 mg/m <sup>3</sup> 8 hours. TWA: 50 ppm 8 hours. NIOSH REL (United States, 4/2013). TWA: 46 mg/m <sup>3</sup> 10 hours. TWA: 25 ppm 10 hours.
Appropriate engineering controls		ion. Use process enclosures, local exhaust ventilation or eep worker exposure to airborne contaminants below any s.
Environmental exposure controls	they comply with the requireme	ork process equipment should be checked to ensure nts of environmental protection legislation. In some or engineering modifications to the process equipment issions to acceptable levels.
Individual protection me	asures	
Hygiene measures	eating, smoking and using the I Appropriate techniques should	e thoroughly after handling chemical products, before avatory and at the end of the working period. be used to remove potentially contaminated clothing. efore reusing. Ensure that eyewash stations and safety tation location.
Eye/face protection	assessment indicates this is ne gases or dusts. If contact is po	an approved standard should be used when a risk ecessary to avoid exposure to liquid splashes, mists, essible, the following protection should be worn, unless her degree of protection: safety glasses with side-
Skin protection		
Hand protection	worn at all times when handling necessary. Considering the pa during use that the gloves are s noted that the time to breakthro	gloves complying with an approved standard should be g chemical products if a risk assessment indicates this is rameters specified by the glove manufacturer, check still retaining their protective properties. It should be bugh for any glove material may be different for different se of mixtures, consisting of several substances, the innot be accurately estimated.
Body protection		for the body should be selected based on the task being ad and should be approved by a specialist before
Other skin protection		idditional skin protection measures should be selected med and the risks involved and should be approved by a product.
Respiratory protection	standard if a risk assessment ir	ng or air-fed respirator complying with an approved ndicates this is necessary. Respirator selection must be exposure levels, the hazards of the product and the safe espirator.

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# Section 9. Physical and chemical properties

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Appearance		
Physical state	:	Gas. [Compressed gas.]
Color	:	Colorless.
Molecular weight	:	44.01 g/mole
Molecular formula	:	N2-O
<b>Boiling/condensation point</b>	:	-88.5°C (-127.3°F)
Melting/freezing point	:	-90.8°C (-131.4°F)
Critical temperature	4	36.55°C (97.8°F)
Odor	:	Characteristic.
Odor threshold	:	Not available.
рН	:	Not available.
Flash point	:	[Product does not sustain combustion.]
Burning time	:	Not applicable.
Burning rate	:	Not applicable.
Evaporation rate	:	Not available.
Flammability (solid, gas)	1	Extremely flammable in the presence of the following materials or conditions: reducing materials and combustible materials.
Lower and upper explosive (flammable) limits	1	Not available.
Vapor pressure	:	745 (psig)
Vapor density	:	1.53 (Air = 1) Liquid Density@BP: 76.8 lb/ft3 (1230 kg/m3)
Specific Volume (ft <sup>3</sup> /lb)	:	8.6957
Gas Density (lb/ft <sup>3</sup> )	:	0.115
Relative density	:	Not applicable.
Solubility	:	Not available.
Solubility in water	:	1.2 g/l
Partition coefficient: n- octanol/water	:	0.36
Auto-ignition temperature	:	Not available.
Decomposition temperature	:	Not available.
SADT	:	Not available.
Viscosity	1	Not applicable.

# Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Hazardous reactions or instability may occur under certain conditions of storage or use. Conditions may include the following: contact with combustible materials Reactions may include the following: risk of causing fire
Conditions to avoid	: No specific data.

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# Section 10. Stability and reactivity

Incompatibility with various substances	: Extremely reactive or incompatible with the following materials: oxidizing materials, reducing materials and combustible materials.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Hazardous polymerization : Under normal conditions of storage and use, hazardous polymerization will not occur.

### Section 11. Toxicological information

#### Information on toxicological effects

#### Acute toxicity

Not available.

#### Irritation/Corrosion

Not available.

#### **Sensitization**

Not available.

#### **Mutagenicity**

Not available.

#### **Carcinogenicity**

Not available.

#### **Classification**

Product/ingredient name	OSHA	IARC	NTP
Dinitrogen oxide	-	3	-

#### **Reproductive toxicity**

Not available.

#### **Teratogenicity**

Not available.

#### Specific target organ toxicity (single exposure)

Name		Route of exposure	Target organs
Dinitrogen oxide	Category 3	Not applicable.	Narcotic effects

Specific target organ toxicity (repeated exposure)

Not available.

#### **Aspiration hazard**

Not available.

#### Information on the likely : Not available.

#### routes of exposure

#### Potential acute health effects

Eye contact

: May cause eye irritation. Contact with rapidly expanding gas may cause burns or frostbite.

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Section	11.	I OXICO	odical	information

Inhalation	: Can cause central nervous system (CNS) depression. May cause drowsiness and dizziness. Exposure to decomposition products may cause a health hazard. Serious effects may be delayed following exposure.
Skin contact	<ul> <li>May cause skin irritation. Contact with rapidly expanding gas may cause burns or frostbite.</li> </ul>
Ingestion	: Can cause central nervous system (CNS) depression. As this product is a gas, refer to the inhalation section.
Symptoms related to the phy	vsical, chemical and toxicological characteristics
Eye contact	: No specific data.
Inhalation	: Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness
Skin contact	: No specific data.
Ingestion	: No specific data.
Delayed and immediate effect Short term exposure Potential immediate effects	cts and also chronic effects from short and long term exposure : Not available.
Potential delayed effects	: Not available.
Long term exposure	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health eff	ects
Not available.	
General	: No known significant effects or critical hazards.
Carcinogenicity	: No known significant effects or critical hazards.
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: No known significant effects or critical hazards.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: No known significant effects or critical hazards.

#### Numerical measures of toxicity

Acute toxicity estimates

Not available.

# Section 12. Ecological information

#### **Toxicity**

Not available.

#### Persistence and degradability

Not available.

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
Dinitrogen oxide	0.36	-	low

#### Mobility in soil

Soil/water partition coefficient (Koc)

: Not available.

Other adverse effects : No known significant effects or critical hazards.

### Section 13. Disposal considerations

**Disposal methods** 

The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Empty Boggs-owned pressure vessels should be returned to Boggs Gases. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Do not puncture or incinerate container.

### Section 14. Transport information

	DOT	TDG	Mexico	IMDG	ΙΑΤΑ
UN number	UN1070	UN1070	UN1070	UN1070	UN1070
UN proper shipping name	NITROUS OXIDE	NITROUS OXIDE	NITROUS OXIDE	NITROUS OXIDE	NITROUS OXIDE
Transport hazard class(es)	2.2 (5.1)	2.2 (5.1)	2.2 (5.1)	2.2 (5.1)	2.2 (5.1)
Packing group	-	-	-	-	-
Environment	No.	No.	No.	No.	No.
Additional information	Limited quantity Yes. Packaging instruction	Explosive Limit and Limited Quantity Index 0	-	-	Passenger and Cargo Aircraft Quantity limitation: 75 kg Cargo Aircraft Only

Quantity limitat kg Refer to CFR 49 (or authority roduct." pecial precautions for user pannex II of MARPOL 3/78 and the IBC Code Section 15. Regula	<ul> <li>F F 7</li> <li>r Trans pupility</li> <li>uprighter of the second second</li></ul>	<b>port within us</b> t and secure. E of an accident o	determi er's prem Ensure that	<b>nises:</b> always It persons trar	transport in cl	osed container	s that are
roduct." pecial precautions for user ransport in bulk according Annex II of MARPOL 3/78 and the IBC Code Section 15. Regula	: Trans uprigh event o : Not av	<b>port within us</b> t and secure. E of an accident o	<b>er's pren</b> Insure tha	<b>nises:</b> always It persons trar	transport in cl	osed container	s that are
ransport in bulk according Annex II of MARPOL 3/78 and the IBC Code Section 15. Regula	uprigh event o : Not av	t and secure. E of an accident o	insure that	it persons trar			
Annex II of MARPOL 3/78 and the IBC Code Section 15. Regula		ailable.					
•	1						
S. Federal regulations	itory I	nformatio	on				
	: TSCA	8(a) CDR Exe	mpt/Parti	al exemption	: Not determir	ned	
	United	d States inven	tory (TSC	CA 8b): This m	naterial is liste	d or exempted.	
Clean Air Act Section 112 (b) Hazardous Air Pollutants (HAPs)	: Not lis	ted					
Clean Air Act Section 602 Class I Substances	: Not lis	ted					
Clean Air Act Section 602 Class II Substances	: Not list	ted					
DEA List I Chemicals (Precursor Chemicals)	: Not list	ted					
DEA List II Chemicals (Essential Chemicals)	: Not list	ted					
<u>SARA 302/304</u>							
Composition/information o	<u>n ingredi</u>	<u>ents</u>					
No products were found.							
SARA 304 RQ	: Not ap	plicable.					
SARA 311/312	<b>a</b> • •						
Classification	Immed	n release of products of a product of the second seco		rd			
Composition/information o	<u>n ingredi</u>		1	-			
Name		%	Fire hazard	Sudden release of pressure	Reactive	Immediate (acute) health hazard	Delayed (chronic) health hazard
Dinitrogen oxide		100	No.	Yes.	No.	Yes.	No.
tate regulations		·			·		<u>.</u>

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### Section 15. Regulatory information

**New Jersey** 

- Pennsylvania
- : This material is listed.
- : This material is listed.

#### California Prop. 65

**WARNING:** This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Ingredient name		Cancer	Reproductive	No significant risk level	Maximum acceptable dosage level
dinitrogen oxide		No.	Yes.	No.	No.
Canada inventory	: This mat	erial is listed	or exempted.		
International regulations					
International lists	China in Japan ir Korea in Malaysia New Zea Philippii	ventory (IEC ventory: This ventory: This a Inventory (I aland Inventory nes inventory	SC): This material is s material is listed o s material is listed ou EHS Register): Not ory of Chemicals (N	r exempted. determined. <b>IZIoC)</b> : This material is erial is listed or exempt	
Chemical Weapons Convention List Schedule I Chemicals	: Not listed	ł			
Chemical Weapons Convention List Schedule II Chemicals	: Not listed	ł			
Chemical Weapons Convention List Schedule III Chemicals	: Not listed	ł			
Canada					
WHMIS (Canada)	Class C: Class D-2 CEPA To Canadia Canadia Alberta E Ontario I	n ARET: This NPRI: This NPRI: This Designated S Designated S		listed. d. aterial is not listed. aterial is not listed.	

### Section 16. Other information

Canada Label requirements	: Class A: Compressed gas.
-	Class C: Oxidizing material.
	Class D-2A: Material causing other toxic effects (Very toxic).
Hazardous Material Information	on System (U.S.A.)



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## Section 16. Other information

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks Although HMIS® ratings are not required on SDSs under 29 CFR 1910. 1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA). HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868.

The customer is responsible for determining the PPE code for this material.

#### National Fire Protection Association (U.S.A.)



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Copyright ©2001, National Fire Protection Association, Quincy, MA 02269. This warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health and reactivity hazards of chemicals. The user is referred to certain limited number of chemicals with recommended classifications in NFPA 49 and NFPA 325, which would be used as a guideline only. Whether the chemicals are classified by NFPA or not, anyone using the 704 systems to classify chemicals does so at their own risk.

<u>History</u>	
Date of printing	: 01/01/2020
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Key to abbreviations	<ul> <li>ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = International Air Transport Association IBC = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) UN = United NationsACGIH – American Conference of Governmental Industrial Hygienists AIHA – American Industrial Hygiene Association CAS – Chemical Abstract Services CEPA – Canadian Environmental Protection Act CERCLA – Comprehensive Environmental Response, Compensation, and Liability Act (EPA) CFR – United States Code of Federal Regulations CPR – Controlled Products Regulations DSL – Domestic Substances List GWP – Global Warming Potential IARC – International Agency for Research on Cancer ICAO – International Agency for Research on Cancer ICAO – International Civil Aviation Organisation Inh – Inhalation LC – Lethal concentration LD – Lethal dosage NDSL – Non-Domestic Substances List NIOSH – National Institute for Occupational Safety and Healt</li> </ul>

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### Section 16. Other information

TDG – Canadian Transportation of Dangerous Goods Act and Regulations TLV – Threshold Limit Value TSCA – Toxic Substances Control Act WEEL – Workplace Environmental Exposure Level

WHMIS - Canadian Workplace Hazardous Material Information System

#### References

: Not available.

Indicates information that has changed from previously issued version.

#### Notice to reader

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.