

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Date of issue: 06/03/2015 Supersedes: 03/30/2015 Version: 2.1

SECTION 1: Identification of the su	ibstance/mixture and of the company/undertaking
1.1. Product identifier	
Product form	: Mixture
Product name	: Isoflurane (1.0000% - 5.00%), Carbon Dioxide (3.00% - 59.50%), Nitrous Oxide (20.00% - 76.50%) in Oxygen
Product code	: HC-2004-03415
	bstance or mixture and uses advised against
Use of the substance/mixture	: Test gas/Calibration gas.
1.3. Details of the supplier of the safet	y data sheet
Air Liquide 2700 Post Oak Boulevard Houston, TX 77056 - USA T 1-800-819-1704 www.us.airliquide.com	
1.4. Emergency telephone number	
Emergency number	: CHEMTREC: 1-800-424-9300
SECTION 2: Hazards identification	
2.1. Classification of the substance or	mixture
GHS-US classification	
Ox. Gas 1	H270
Compressed gas	H270 H280
Repr. 2	H361
STOT SE 3 STOT RE 2	H336 H373
Full text of H-phrases: see section 16	П3/3
2.2. Label elements GHS-US labeling Hazard pictograms (GHS-US)	
	GHS03 GHS04 GHS07 GHS08
Signal word (GHS-US)	: Danger
Hazard statements (GHS-US)	 H270 - May cause or intensify fire; oxidizer H280 - Contains gas under pressure; may explode if heated H336 - May cause drowsiness or dizziness H361 - Suspected of damaging fertility or the unborn child (Inhalation) H373 - May cause damage to organs (lung) through prolonged or repeated exposure (Inhalation) OSHA-H01 - May displace oxygen and cause rapid suffocation CGA-HG03 - May increase respiration and heart rate
Precautionary statements (GHS-US)	 P202 - Do not handle until all safety precautions have been read and understood P220 - Keep/Store away from combustible materials, clothing P244 - Keep reduction valves/valves and fittings free from oil and grease P260 - Do not breathe gas P271 - Use only outdoors or in a well-ventilated area P280 - Wear eye protection, face protection, protective gloves, protective clothing P304+P340 - If inhaled: Remove person to fresh air and keep comfortable for breathing P308+P313 - If exposed or concerned: Get medical advice/attention P403 - Store in a well-ventilated place P405 - Store locked up P501 - Dispose of contents/container in accordance with local/regional/national/international
06/03/2015	EN (English US) Page 1

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

	CGA-PG05 - 1 CGA-PG06 - 0 CGA-PG10 - 1 CGA-PG14 - 7 CGA-PG20 - 1 CGA-PG20 - 1	regulations CGA-PG02 - Protect from sunlight when ambient temperature exceeds 52°C (125°F) CGA-PG05 - Use a back flow preventive device in the piping CGA-PG06 - Close valve after each use and when empty CGA-PG10 - Use only with equipment rated for cylinder pressure CGA-PG14 - Approach suspected leak area with caution CGA-PG20 - Use only with equipment of compatible materials of construction CGA-PG21 - Open valve slowly CGA-PG22 - Use only with equipment cleaned for oxygen service			
2.3. Other hazards					
No additional information available					
2.4. Unknown acute toxicity (GHS US	5)				
Not applicable					
SECTION 3: Composition/informa	tion on ingredie	nts			
3.1. Substance					
Not applicable					
3.2. Mixture					
Name	Produ	ct identifier	%	GHS-US classification	
Nitrous oxide	(CAS No) 10024-97-2	20 - 76.5	Ox. Gas 1, H270 Liquefied gas, H280 STOT SE 3, H336	
Oxygen	(CAS No) 7782-44-7	19.5 - 76	Ox. Gas 1, H270 Compressed gas, H280	
Carbon dioxide) 124-38-9	3 - 59.5	Liquefied gas, H280	
Isoflurane	(CAS No) 26675-46-7	1 - 5	Acute Tox. 4 (Inhalation:gas), H332 Repr. 2, H361 STOT SE 3, H336 STOT RE 2, H373	
Full text of H-phrases: see section 16	1				
SECTION 4: First aid measures					
4.1. Description of first aid measures	5				
First-aid measures after inhalation		n to fresh air and keep a nedical advice.	at rest in a position com	fortable for breathing. If you feel	
First-aid measures after skin contact	: Adverse effec	ts not expected from thi	s product.		
First-aid measures after eye contact	: Adverse effec	Adverse effects not expected from this product.			
First-aid measures after ingestion	: Ingestion is no	ot considered a potentia	I route of exposure.		
4.2. Most important symptoms and e	ffects, both acute ar	id delayed			
Symptoms/injuries after inhalation	<i>,</i> ,	oxygen and cause rapio ration and heart rate.	d suffocation. May caus	e drowsiness or dizziness. May	
Symptoms/injuries after skin contact	: Adverse effec	Adverse effects not expected from this product.			
Symptoms/injuries after eye contact	: Adverse effec	Adverse effects not expected from this product.			
Symptoms/injuries after ingestion	: Ingestion is no	Ingestion is not considered a potential route of exposure.			
Symptoms/injuries upon intravenous administration	: Not known.	: Not known.			
Chronic symptoms		Suspected of damaging fertility. Suspected of damaging the unborn child. May cause damage to organs (lung) through prolonged or repeated exposure (Inhalation).			

4.3. Indication of any immediate medical attention and special treatment needed If you feel unwell, seek medical advice. If breathing is difficult, give oxygen

n you reer arweit, oook mealoar adviee. In breathing is annould, give oxygen.			
SECTION 5: Firefighting measures			
5.1. Extinguishing media			
Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.		
Unsuitable extinguishing media	: Do not use water jet to extinguish.		

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

teestaning to reactain tegister rent ri,	
5.2. Special hazards arisin	ng from the substance or mixture
Fire hazard	: The product is not flammable.
Explosion hazard	 Product is not explosive. Heat may build pressure, rupturing closed containers, spreading fire and increasing risk of burns and injuries.
Reactivity	: None known.
5.3. Advice for firefighters	
Firefighting instructions	In case of fire: Evacuate area. Fight fire remotely due to the risk of explosion. Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire.
Protection during firefighting	: Standard protective clothing and equipment (e.g., Self Contained Breathing Apparatus) for fire fighters. Do not enter fire area without proper protective equipment, including respiratory protection.
SECTION 6: Accidental re	elease measures
6.1. Personal precautions,	, protective equipment and emergency procedures
General measures	: Ensure adequate ventilation.
6.1.1. For non-emergency pe	ersonnel
Protective equipment	: Wear protective equipment consistent with the site emergency plan.
Emergency procedures	: Escape the danger area by the closest safe route. Close doors and windows of adjacent
0 ,1	premises. Keep containers closed. Mark the danger area. Seal off low-lying areas. Keep upwind.
6.1.2. For emergency respon	
Protective equipment	 Standard protective clothing and equipment (e.g., Self Contained Breathing Apparatus) for fire fighters. Equip cleanup crew with proper protection.
Emergency procedures	: Evacuate and limit access. Ventilate area.
6.2. Environmental precau	utions
Try to stop release if safe to do so	
6.3. Methods and material	for containment and cleaning up
For containment	: Try to stop release if safe to do so.
Methods for cleaning up	: Dispose of this material and its container in accordance with local regulations.
6.4. Reference to other se	ctions
See also Sections 8 and 13.	
SECTION 7. Handling and	d otovoro
SECTION 7: Handling and	
7.1. Precautions for safe h	
Additional hazards when process	pressure. Close valve after each use and when empty.
Precautions for safe handling	 Do not handle until all safety precautions have been read and understood. Use only outdoors or in a well-ventilated area.
Hygiene measures	: Do not eat, drink or smoke when using this product.
7.2. Conditions for safe st	torage, including any incompatibilities
Technical measures	: Comply with applicable regulations.
Storage conditions	Do not expose to temperatures exceeding 52°C (125°F). Keep container closed when not in use. Protect cylinder from physical damage. Store in well ventilated area. Store locked up.
Incompatible products	: None known.
Incompatible materials	: Flammable materials. Combustible materials. Reducing agents.
7.3. Specific end use(s)	
See Section 1.2.	
SECTION 8: Exposure co	ontrols/personal protection
8.1. Control parameters	
Isoflurane (1.0000% - 5.00%),	Carbon Dioxide (3.00% - 59.50%), Nitrous Oxide (20.00% - 76.50%) in Oxygen
ACGIH	Not applicable
OSHA	Not applicable
06/03/2015	EN (Enalish US) 3/10

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Isoflurane (26675-46-7)				
ACGIH	Not applicable	Not applicable		
OSHA	Not applicable			
Carbon dioxide (124-3	38-9)			
ACGIH	ACGIH TWA (ppm)	5000 ppm		
ACGIH	ACGIH STEL (ppm)	30000 ppm		
OSHA	OSHA PEL (TWA) (mg/m³)	9000 mg/m³		
OSHA	OSHA PEL (TWA) (ppm)	5000 ppm		
Nitrous oxide (10024-	97-2)			
ACGIH	ACGIH TWA (ppm)	50 ppm		
OSHA	Not applicable	Not applicable		
Oxygen (7782-44-7)				
ACGIH	Not applicable	Not applicable		
OSHA	Not applicable	Not applicable		

8.2. **Exposure controls**

Appropriate engineering controls	 Ensure exposure is below occupational exposure limits. Provide adequate general and local exhaust ventilation. Systems under pressure should be regularly checked for leakages. Consider work permit system e.g. for maintenance activities.
Hand protection	: Wear working gloves when handling gas containers. 29 CFR 1910.138: Hand Protection.
Eye protection	: Wear safety glasses with side shields. 29 CFR 1910.133: Eye and Face Protection.
Skin and body protection	: Wear suitable protective clothing, e.g lab coats, coveralls or flame resistant clothing.
Respiratory protection	: None necessary during normal and routine operations. See Sections 5 & 6.
Thermal hazard protection	: None necessary during normal and routine operations.
Environmental exposure controls	 Refer to local regulations for restriction of emissions to the atmosphere. See section 13 for specific methods for waste gas treatment.
Other information	: Wear safety shoes while handling containers. 29 CFR 1910.136: Foot Protection.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and	chemical properties
Physical state	: Gas
Appearance	: Clear, colorless gas.
Color	: Colorless
Odor	: Slightly sweet Mildly pungent ethereal odor
Odor threshold	: No Data Available
рН	: No data available
Melting point	: No Data Available
Freezing point	: No data available
Boiling point	: No Data Available
Flash point	: Not applicable - not flammable
Relative evaporation rate (butyl acetate=1)	: No data available
Flammability (solid, gas)	: See Section 2.1 and 2.2
Explosion limits	: Not applicable - not flammable
Explosive properties	: Not applicable - not flammable.
Oxidizing properties	: Not combustible but enhances combustion of other substances. May cause or intensify fire; oxidizer.
Vapor pressure	: No data available
Relative density	: No data available
Relative vapor density at 20 °C	: No data available

ground level.

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Molecular mass	: Not applicable for gas-mixtures.
Relative gas density	: Heavier than air
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Viscosity	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
9.2. Other information	
Additional information	: Gas/vapour heavier than air. May accumulate in confined spaces, particularly at or below

SECTION 10: Sta	ability and reactivity		
10.1. Reactivity			
None known.			
10.2. Chemical s	tability		
Stable under normal of	conditions.		
10.3. Possibility	of hazardous reactions		
May react violently with	th reducing agents. Can form explosive mixtures with flammable materials.		
10.4. Conditions	to avoid		
None under recomme	nded storage and handling conditions (see section 7).		
10.5. Incompatib	le materials		
Combustible materials	s. Flammable materials. Reducing agents.		
10.6. Hazardous	decomposition products		
Under normal condition	ons of storage and use hazardous decomposition products should not be produced.		
SECTION 11: To	xicological information		
11.1. Information on toxicological effects			
Acute toxicity	: Not classified		
Isoflurane (26675-4	I6-7)		

Isoflurane (26675-46-7)	
LD50 oral rat	5450 µl/kg
LC50 inhalation rat (ppm)	13249.8 ppm/4h
ATE US (gases)	13249.800 ppmV/4h
Carbon dioxide (124-38-9)	
LC50 inhalation rat (ppm)	820000 ppm/4h
Nitrous oxide (10024-97-2)	
LC50 inhalation rat (ppm)	250000 ppm/4h
Oxygen (7782-44-7)	
LC50 inhalation rat (ppm)	800000 ppm/4h
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Suspected of damaging fertility or the unborn child (Inhalation).
Specific target organ toxicity (single exposure)	: May cause drowsiness or dizziness.

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Specific target organ toxicity (repeated exposure)	May cause damage to organs (lung) through prolonged or repeated exposure (Inhalation).	
Aspiration hazard	Not classified	
Symptoms/injuries after inhalation	May displace oxygen and cause rapid suffocation. May cause drowsiness or dizziness. May increase respiration and heart rate.	
Symptoms/injuries after skin contact	Adverse effects not expected from this product.	
Symptoms/injuries after eye contact	Adverse effects not expected from this product.	
Symptoms/injuries after ingestion	Ingestion is not considered a potential route of exposure.	
Symptoms/injuries upon intravenous administration	Not known.	
Chronic symptoms	Suspected of damaging fertility. Suspected of damaging the unborn child. May cause damage to organs (lung) through prolonged or repeated exposure (Inhalation).	

SECT	ION 12: Ecological information		
12.1.	Toxicity		

No additional information available

Persistence and degradability 12.2.

Carbon dioxide (124-38-9)		
Persistence and degradability	No ecological damage caused by this product.	
Nitrous oxide (10024-97-2)		
Persistence and degradability	Not applicable for inorganic gases.	
Oxygen (7782-44-7)		
Persistence and degradability	No ecological damage caused by this product.	

12.3. **Bioaccumulative potential**

Carbon dioxide (124-38-9)		
BCF fish 1	(no bioaccumulation)	
Log Pow	0.83	
Bioaccumulative potential	No ecological damage caused by this product.	
Nitrous oxide (10024-97-2)		
Log Pow	Not applicable for inorganic gases.	
Bioaccumulative potential	No data available.	
Oxygen (7782-44-7)		
Log Pow	Not applicable for inorganic gases.	
Bioaccumulative potential	No ecological damage caused by this product.	

Mobility in soil 12.4.

Carbon dioxide (124-38-9)			
Ecology - soil	No ecological damage caused by this product.		
Nitrous oxide (10024-97-2)			
Ecology - soil	Because of its high volatility, the product is unlikely to cause ground or water pollution.		
Oxygen (7782-44-7)			
Ecology - soil	No ecological damage caused by this product.		
2.5. Other adverse effects			
Effect on ozone layer	: No known effects from this product.		
Effect on the global warming	: Contains greenhouse gas(es) not covered by 842/2006/EC.		

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

SECTION 13: Disposal consideration	5
3.1. Waste treatment methods	
Vaste treatment methods	: Contact supplier if guidance is required. Do not discharge into any place where its accumulation could be dangerous. Ensure that the emission levels from local regulations or operating permits are not exceeded.
Vaste disposal recommendations	: Refer to the CGA Pamphlet P-63 "Disposal of Gases" available at www.cganet.com for more guidance on suitable disposal methods.
SECTION 14: Transport information	
Department of Transportation (DOT)	
n accordance with DOT	
ransport document description	: UN3156 Compressed gas, oxidizing, n.o.s. (Nitrous Oxide, Oxygen)
JN-No.(DOT)	: UN3156
Proper Shipping Name (DOT)	: Compressed gas, oxidizing, n.o.s.
lazard labels (DOT)	: 2.2 - Non-flammable gas 5.1 - Oxidizer
OOT Packaging Non Bulk (49 CFR 173.xxx)	: 302
OOT Packaging Bulk (49 CFR 173.xxx)	: 314;315
OOT Symbols	: G - Identifies PSN requiring a technical name
OOT Special Provisions (49 CFR 172.102)	: A14 - This material is not authorized to be transported as a limited quantity or consumer commodity in accordance with 173.306 of this subchapter when transported aboard an aircraft.
OOT Packaging Exceptions (49 CFR 173.xxx)	: 306
OOT Quantity Limitations Passenger aircraft/rail 49 CFR 173.27)	: 75 kg
OOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	: 150 kg
OOT Vessel Stowage Location	: D - The material must be stowed "on deck only" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers or one passenger per each 3 m of overall vessel length, but the material is prohibited on passenger vessels in which the limiting number of passengers is exceeded.
Additional information	
Other information	: No supplementary information available.
ADR	
ransport document description	: UN 3156, 2.2 (5.1), (E)
Class (ADR)	: 2 - Gases
lazard identification number (Kemler No.)	: 25
Classification code (ADR)	: 10
lazard labels (ADR)	: 2.2 - Non-flammable compressed gas 5.1 - Oxidizer
Drange plates	25 3156
unnel restriction code (ADR)	: E
	EN (English US) 7/10

Safety Data Sheet

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

Limited quantities (ADR)	: 0
Excepted quantities (ADR)	: E0
Transport by sea	
UN-No. (IMDG)	: 3156
Proper Shipping Name (IMDG)	: COMPRESSED GAS, OXIDIZING, N.O.S.
Class (IMDG)	: 2 - Gases
Air transport	
UN-No. (IATA)	: 3156
Proper Shipping Name (IATA)	: COMPRESSED GAS, OXIDIZING, N.O.S.
Class (IATA)	: 2

Carbon dioxide (124-38-)	
Listed on the United State	STSCA (Toxic Substances Control Act) inventory	
Nitrous oxide (10024-97-	2)	
Listed on the United State	s TSCA (Toxic Substances Control Act) inventory	
Oxygen (7782-44-7)		
Listed on the United State	STSCA (Toxic Substances Control Act) inventory	

No additional information available

Carbon dioxide (124-38-9)		
Listed on the Canadian DSL (Domestic Sustances List)		
WHMIS Classification	Class A - Compressed Gas	
Nitrous oxide (10024-97-2)		
Listed on the Canadian DSL (Domestic Sustances List)		
WHMIS Classification	Class A - Compressed Gas Class C - Oxidizing Material Class D Division 2 Subdivision A - Very toxic material causing other toxic effects	
Oxygen (7782-44-7)		
Listed on the Canadian DSL (Domestic Sustances List)		
WHMIS Classification	Class A - Compressed Gas Class C - Oxidizing Material	

EU-Regulations

No additional information available

Carbon dioxide (124-38-9)	
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)	
Nitrous oxide (10024-97-2)	
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)	
Oxygen (7782-44-7)	
Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)	

Classification according to Regulation (EC) No. 1272/2008 [CLP] Not classified

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD] No additional information available

National regulations

Safety Data Sheet

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

Carbon dioxide (124-38-9)

Carbon dioxide (124-38-9)	
Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the Canadian IDL (Ingredient Disclosure List)	
Nitrous oxide (10024-97-2)	
Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Japanese ENCS (Existing & New Chemical Substances) inventory Listed on the Korean ECL (Existing Chemicals List) Listed on NZIOC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances) Listed on the Canadian IDL (Ingredient Disclosure List)	
Oxygen (7782-44-7)	
Listed on the AICS (Australian Inventory of Chemical Substances) Listed on IECSC (Inventory of Existing Chemical Substances Produced or Imported in China) Listed on the Korean ECL (Existing Chemicals List) Listed on NZIoC (New Zealand Inventory of Chemicals) Listed on PICCS (Philippines Inventory of Chemicals and Chemical Substances)	

15.3. US State regulations

Nitrous oxide (10024-97-2)				
U.S California - Proposition 65 - Carcinogens List	U.S California - Proposition 65 - Developmental Toxicity	U.S California - Proposition 65 - Reproductive Toxicity - Female	U.S California - Proposition 65 - Reproductive Toxicity - Male	No significant risk level (NSRL)
No	Yes	Yes	No	

Carbon dioxide (124-38-9)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

Nitrous oxide (10024-97-2)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List
- U.S. Pennsylvania RTK (Right to Know) List

Oxygen (7782-44-7)

- U.S. Massachusetts Right To Know List
- U.S. New Jersey Right to Know Hazardous Substance List

U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information	
Indication of changes	 Revised safety data sheet in accordance with OSHA final rule on GHS implementation promulgated March 26, 2012.
Other information	: This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29

: This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR, 1910.1200. Other government regulations must be reviewed for applicability to this product.

Safety Data Sheet

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

Full text of H-phrases:

text of fi-phildses.	
Acute Tox. 4 (Inhalation:gas)	Acute toxicity (inhalation:gas) Category 4
Compressed gas	Gases under pressure Compressed gas
Liquefied gas	Gases under pressure Liquefied gas
Ox. Gas 1	Oxidizing gases Category 1
Repr. 2	Reproductive toxicity Category 2
STOT RE 2	Specific target organ toxicity (repeated exposure) Category 2
STOT SE 3	Specific target organ toxicity (single exposure) Category 3
H270	May cause or intensify fire; oxidizer
H280	Contains gas under pressure; may explode if heated
H332	Harmful if inhaled
H336	May cause drowsiness or dizziness
H361	Suspected of damaging fertility or the unborn child
H373	May cause damage to organs through prolonged or repeated
	exposure

SDS US (GHS HazCom 2012)

This Safety Data Sheet is offered pursuant to OSHA's Hazard Communication Standard, 29 CFR, 1910.1200. Other government regulations must be reviewed for applicability to this product. To the best of Air Liquide America Corporation's knowledge, the information contained herein is reliable and accurate as of this date; however, accuracy, suitability or completeness are not guaranteed and no warranties of any type, either express or implicit, are provided. The information contained herein relates only to this specific product. If this product is combined with other materials, all component properties must be considered. Data may be changed from time to time. Be sure to consult the latest edition.