

Safety Data Sheet

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

Version: 1.1

	uate:		•	
SECTION 1: Identification of the su	ubstance	mixture and of the compar	ny/undertakin	q
1.1. Product identifier		·		
Product form	: Mixtu	re		
Trade name	: JOHN	ISEN'S R-407C REFRIGERANT 25	POUND CYLIND	ER
Product code	: 64070			
1.2. Relevant identified uses of the su		-	t	
Use of the substance/mixture	: Refriç	gerant Gas		
1.3. Details of the supplier of the safet	ty data shee	ət		
Technical Chemical Company P.O. BOX 139				
Cleburne, Texas 76033 T 817-645-6088				
1.4. Emergency telephone number				
Emergency number	: CHEN	MTREC 24 Hour 1-800-424-9300, 1-	-703-527-3887 (Int	ternational)
SECTION 2: Hazards identification				
2.1. Classification of the substance or	mixture			
GHS-US classification				
Liquefied gas H280				
Full text of H statements : see section 16				
2.2. Label elements				
GHS-US labelling		•		
Hazard pictograms (GHS-US)				
		GHS04		
Signal word (GHS-US)	: Warn			
Hazard statements (GHS-US)		 Contains gas under pressure; may 	v explode if heater	4
Precautionary statements (GHS-US)		+P403 - Protect from sunlight. Store		
	. F410	+F403 - FT0lect from sumgrit. Store		
2.3. Other hazards	A	- india bish secondariisan - Osat		and the second
Other hazards not contributing to the classification		xiant in high concentrations Cont		essure; may explode if heated. May inhalation abuse may cause cardiac
classification		ntral nervous systems effects. Warn		
	form	can be ejected if the aerosol can is r	not held upright du	ring use.) Warning. This product
		nses liquid. Liquid may drip onto ski	n causing frostbite	e, blistering, red skin. WARNING
2.4. Unknown acute toxicity (GHS US)		under normal conditions.		
No data available				
SECTION 3: Composition/informat	ion on in	gredients		
3.1. Substance				
Not applicable				
3.2. Mixture				
Name		Product identifier	%	GHS-US classification
1,1,1,2-Tetrafluoroethane		(CAS No) 811-97-2	50 - 70	Liquefied gas, H280
Pentafluoroethane		(CAS No) 354-33-6	10 - 30	Liquefied gas, H280
Difluoromethane		(CAS No) 75-10-5	10 - 30	Flam Gas 1 H220

The exact percentage is a trade secret.

Difluoromethane

(CAS No) 75-10-5

Flam. Gas 1, H220

Liquefied gas, H280

10 - 30

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SECTION 4: First aid measures	
4.1. Description of first aid measures	
First-aid measures general	: Check the vital functions. Unconscious: maintain adequate airway and respiration. Respiratory arrest: artificial respiration or oxygen. Cardiac arrest: perform resuscitation. Victim conscious with laboured breathing: half-seated. Victim in shock: on his back with legs slightly raised. Vomiting: prevent asphyxia/aspiration pneumonia. Prevent cooling by covering the victim (no warming up). Keep watching the victim. Give psychological aid. Keep the victim calm, avoid physical strain. Depending on the victim's condition: doctor/hospital.
First-aid measures after inhalation	: Remove the victim into fresh air. Respiratory problems: consult a doctor/medical service.
First-aid measures after skin contact	: Rinse with water. Take victim to a doctor if irritation persists. In case of frostbites: Wash immediately with lots of water (15 minutes)/shower. Do not apply (chemical) neutralizing agents. Remove clothing while washing. Do not remove clothing if it sticks to the skin. Cover wounds with sterile bandage. Consult a doctor/medical service. If burned surface > 10%: take victim to hospital.
First-aid measures after eye contact	: Rinse immediately with plenty of water for 15 minutes. Do not apply neutralizing agents. Take victim to an ophthalmologist.
First-aid measures after ingestion	: Not applicable.
4.2. Most important symptoms and effe	ects, both acute and delayed
Symptoms/injuries after inhalation	 EXPOSURE TO HIGH CONCENTRATIONS: Feeling of weakness. Central nervous system depression. Headache. Nausea. Dizziness. Mental confusion. Coordination disorders. Accelerated heart action. Disturbances of heart rate. Disturbances of consciousness. Respiratory difficulties.
Symptoms/injuries after skin contact	: Dry skin. Frostbites.
Symptoms/injuries after eye contact	: Frostbites.
4.3. Indication of any immediate medic	al attention and special treatment needed
No additional information available	
SECTION 5: Firefighting measures	
5.1. Extinguishing media	
Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.
5.2. Special hazards arising from the s	ubstance or mixture
No additional information available	
5.3. Advice for firefighters	
Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.
	chemical me. Frevent me-nghting water nom entering environment.
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.
Other information	 Do not enter fire area without proper protective equipment, including respiratory protection. NFPA Aerosol Level 1.
Other information SECTION 6: Accidental release mea	 Do not enter fire area without proper protective equipment, including respiratory protection. NFPA Aerosol Level 1.
Other information SECTION 6: Accidental release mea 6.1. Personal precautions, protective e	Do not enter fire area without proper protective equipment, including respiratory protection. NFPA Aerosol Level 1. asures equipment and emergency procedures
Other information SECTION 6: Accidental release mea 6.1. Personal precautions, protective e General measures	 Do not enter fire area without proper protective equipment, including respiratory protection. NFPA Aerosol Level 1.
Other information SECTION 6: Accidental release mea 6.1. Personal precautions, protective e General measures 6.1.1. For non-emergency personnel	 Do not enter fire area without proper protective equipment, including respiratory protection. NFPA Aerosol Level 1. asures equipment and emergency procedures Remove ignition sources.
Other information SECTION 6: Accidental release met 6.1. Personal precautions, protective e General measures 6.1.1. For non-emergency personnel Protective equipment	 Do not enter fire area without proper protective equipment, including respiratory protection. NFPA Aerosol Level 1. asures equipment and emergency procedures Remove ignition sources. Gloves. Safety glasses.
Other information SECTION 6: Accidental release mea 6.1. Personal precautions, protective e General measures	 Do not enter fire area without proper protective equipment, including respiratory protection. NFPA Aerosol Level 1. asures equipment and emergency procedures Remove ignition sources.
Other information SECTION 6: Accidental release met 6.1. Personal precautions, protective e General measures 6.1.1. For non-emergency personnel Protective equipment	 Do not enter fire area without proper protective equipment, including respiratory protection. NFPA Aerosol Level 1. asures equipment and emergency procedures Remove ignition sources. Gloves. Safety glasses. Evacuate unnecessary personnel.
Other information SECTION 6: Accidental release mea 6.1. Personal precautions, protective e General measures 6.1.1. For non-emergency personnel Protective equipment Emergency procedures 6.1.2. For emergency responders Protective equipment	 Do not enter fire area without proper protective equipment, including respiratory protection. NFPA Aerosol Level 1. asures equipment and emergency procedures Remove ignition sources. Gloves. Safety glasses. Evacuate unnecessary personnel. Equip cleanup crew with proper protection.
Other information SECTION 6: Accidental release mea 6.1. Personal precautions, protective e General measures 6.1.1. For non-emergency personnel Protective equipment Emergency procedures 6.1.2. For emergency responders Protective equipment	 Do not enter fire area without proper protective equipment, including respiratory protection. NFPA Aerosol Level 1. asures equipment and emergency procedures Remove ignition sources. Gloves. Safety glasses. Evacuate unnecessary personnel.
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Other information SECTION 6: Accidental release met 6.1. Personal precautions, protective e General measures 6.1.1. For non-emergency personnel Protective equipment Emergency procedures 6.1.2. For emergency responders Protective equipment Emergency procedures 6.2. Environmental precautions Prevent entry to sewers and public waters. Not	 Do not enter fire area without proper protective equipment, including respiratory protection. NFPA Aerosol Level 1. asures equipment and emergency procedures Remove ignition sources. Gloves. Safety glasses. Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area.
Other information SECTION 6: Accidental release met 6.1. Personal precautions, protective e General measures 6.1.1. For non-emergency personnel Protective equipment Emergency procedures 6.1.2. For emergency responders Protective equipment Emergency procedures 6.2. Environmental precautions Prevent entry to sewers and public waters. Not	 Do not enter fire area without proper protective equipment, including respiratory protection. NFPA Aerosol Level 1. asures equipment and emergency procedures Remove ignition sources. Gloves. Safety glasses. Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area. ify authorities if liquid enters sewers or public waters. nent and cleaning up Contain released substance, pump into suitable containers. Consult "Material-handling" to
Other information SECTION 6: Accidental release met 6.1. Personal precautions, protective e General measures 6.1.1. For non-emergency personnel Protective equipment Emergency procedures 6.1.2. For emergency responders Protective equipment Emergency procedures 6.2. Environmental precautions Prevent entry to sewers and public waters. Not 6.3. Methods and material for containn	 Do not enter fire area without proper protective equipment, including respiratory protection. NFPA Aerosol Level 1. asures equipment and emergency procedures Remove ignition sources. Gloves. Safety glasses. Evacuate unnecessary personnel. Equip cleanup crew with proper protection. Ventilate area. ify authorities if liquid enters sewers or public waters. nent and cleaning up Contain released substance, pump into suitable containers. Consult "Material-handling" to select material of containers. Plug the leak, cut off the supply. Tip the container on one side to be a supply. Tip the container on one side to be a supply. Tip the container on one side to be a supply. Tip the container on one side to be a supply. Tip the container on one side to be a supply. Tip the container on one side to be a supply. Tip the container on one side to be a supply. Tip the container on one side to be a supply. Tip the container on one side to be a supply. Tip the container on one side to be a supply.

See Heading 8. Exposure controls and personal protection.

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SECTION 7: Handling and storage	
7.1. Precautions for safe handling	
Additional hazards when processed	: Pressurized container: Do not pierce or burn, even after use.
Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour.
Hygiene measures	: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Wash affected areas thoroughly after handling. Do not eat, drink or smoke when using this product. Wash contaminated clothing before reuse. Always wash hands after handling the product. Remove contaminated clothes. Separate working clothes from town clothes. Launder separately.
7.2. Conditions for safe storage, includi	ng any incompatibilities
Technical measures	: Comply with applicable regulations.
Incompatible materials	: Direct sunlight.
Storage temperature	: < 52 °C
Heat and ignition sources	: KEEP SUBSTANCE AWAY FROM: heat sources.
Storage area	: Store in a cool area. Keep out of direct sunlight. Ventilation at floor level. Aboveground. Meet the legal requirements. Store in a well-ventilated place.
Special rules on packaging	: SPECIAL REQUIREMENTS: with pressure relief valve. clean. correctly labelled. meet the legal requirements.
Packaging materials	: SUITABLE MATERIAL: No data available. MATERIAL TO AVOID: No data available.
7.3. Specific end use(s)	

Follow Label Directions.

Consumer exposure controls

Other information

SECTION 8: Exposure controls/personal protection

8.1. Control parameters	
8.2. Exposure controls	
Appropriate engineering controls	: Local exhaust venilation, vent hoods . Ensure good ventilation of the work station.
Personal protective equipment	: Avoid all unnecessary exposure. Gloves. Safety glasses.
Materials for protective clothing	: GIVE EXCELLENT RESISTANCE:
Hand protection	: Wear protective gloves.
Eye protection	: Chemical goggles or safety glasses.
Skin and body protection	: Wear suitable protective clothing.

- : Wear suitable protective clothing. Respiratory protection
 - : Wear appropriate mask.
 - : Avoid contact during pregnancy/while nursing.
 - : Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

13/04/	/2017	EN (English)	3/8
Vapo	our pressure	: No data available	
Flam	mability (solid, gas)	: No data available	
Deco	mposition temperature	: > 250 °C	
Auto-	-ignition temperature	: No data available	
Flash	n point	: N/A	
Boilin	ng point	: -43 °C	
Freez	zing point	: No data available	
Meltir	ng point	: No data available	
Relat	tive evaporation rate (butylacetate=1)	: No data available	
pН		: Neutral	
Odou	ur threshold	: No data available	
Odou	ır	: Faint Ethereal Odor.	
Colou	ur	: Colourless.	
Moleo	cular mass	: 86.2 g/mol	
Appe	arance	: Liquefied gas.	
Physi	ical state	: Gas	
9.1.	Information on basic physical an	d chemical properties	

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Relative vapour density at 20 °C	: No data available
Relative density	: 1.16 @ 21.1 deg C
Solubility	: No data available
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: No data available
9.2. Other information	
VOC content	: 100 % VOC Exempt
Gas group	: Liquefied gas
SECTION 10: Stability and reactive	/ity
10.1. Reactivity	
No additional information available	
10.2. Chemical stability	

Not established.

10.3. Possibility of hazardous reactions

Not established.

10.4. Conditions to avoid

Direct sunlight. Extremely high or low temperatures.

10.5. Incompatible materials

Strong acids. Strong bases.

10.6. Hazardous decomposition products

Toxic fume. . Carbon monoxide. Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

: Not classified as hazardous

Pentafluoroethane (354-33-6)	
LC50 inhalation rat (mg/l)	2910 mg/l/4h (Rat)
Difluoromethane (75-10-5)	
LC50 inhalation rat (mg/l)	1890 mg/l/4h (Rat)
1,1,1,2-Tetrafluoroethane (811-97-2)	
LC50 inhalation rat (mg/l)	> 2000 mg/l/4h (Rat; Literature study)
LC50 inhalation rat (ppm)	> 359300 ppm/4h (Rat; Literature study)
Skin corrosion/irritation	: Not classified as hazardous
	pH: Neutral
Serious eye damage/irritation	: Not classified as hazardous
	pH: Neutral
Respiratory or skin sensitisation	: Not classified as hazardous
Germ cell mutagenicity	: Not classified as hazardous Based on available data, the classification criteria are not met
Carcinogenicity	: Not classified as hazardous
Reproductive toxicity	: Not classified as hazardous
Specific target organ toxicity (single exposure)	: Not classified as hazardous
Specific target organ toxicity (repeated exposure)	: Not classified as hazardous
Aspiration hazard	: Not classified as hazardous
Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

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Symptoms/injuries after inhalation	EXPOSURE TO HIGH CONCENTRATIONS: Feeling of weakness. Central nervous system depression. Headache. Nausea. Dizziness. Mental confusion. Coordination disorders. Accelerated heart action. Disturbances of heart rate. Disturbances of consciousness. Respiratory difficulties.
Symptoms/injuries after skin contact	: Dry skin. Frostbites.
Symptoms/injuries after eye contact	: Frostbites.
SECTION 12: Ecological informa	tion

12.1. Toxicity			
1,1,1,2-Tetrafluoroethane (811-97-2)	450 mg/l (LC50; 96 h)		
EC50 Daphnia 1 980 mg/l (EC50; 48 h)			
	300 mg/ (2000, 40 m)		
JOHNSEN'S R-407C REFRIGERANT 25 POUN			
Persistence and degradability	Not established.		
Pentafluoroethane (354-33-6)			
Persistence and degradability	Not readily biodegradable in water.		
Difluoromethane (75-10-5)			
Persistence and degradability	Not readily biodegradable in water.		
1,1,1,2-Tetrafluoroethane (811-97-2)			
Persistence and degradability	Not readily biodegradable in water.		
12.3. Bioaccumulative potential			
JOHNSEN'S R-407C REFRIGERANT 25 POUN	D CYLINDER		
Bioaccumulative potential	Not established.		
Pentafluoroethane (354-33-6)	Pentafluoroethane (354-33-6)		
Log Pow	1.48		
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).		
Difluoromethane (75-10-5)			
Log Pow	0.21		
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).		
1,1,1,2-Tetrafluoroethane (811-97-2)			
BCF other aquatic organisms 1	5 - 58 (BCF)		
Log Pow	1.06 (OECD 107: Partition Coefficient (n-octanol/water): Shake Flask Method)		
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).		
12.4. Mobility in soil			

No additional information available

12.5. Other adverse effects

Other information : Avoid release to the environment. SECTION 13: Disposal considerations Waste treatment methods 13.1. : Remove waste in accordance with local and/or national regulations. Hazardous waste shall not Waste disposal recommendations be mixed together with other waste. Different types of hazardous waste shall not be mixed together if this may entail a risk of pollution or create problems for the further management of the waste. Hazardous waste shall be managed responsibly. All entities that store, transport or handle hazardous waste shall take the necessary measures to prevent risks of pollution or damage to people or animals. Refer to manufacturer/supplier for information on recovery/ recycling. Additional information : LWCA (the Netherlands): KGA category 06. Hazardous waste according to Directive 2008/98/EC.

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according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations			
SECTION 14: Transport information			
In accordance with ADR	/ RID / IMDG / IATA / ADM	N	
US DOT (ground):	UN3340, Refrigerant gas R 407C (Pentafluoroethane, Difluoromethane, 1,1,1,2-Tetrafluoroethane), 2.2		
ICAO/IATA (air):	UN3340, Refrigerant gas R 407C (Pentafluoroethane, Difluoromethane, 1,1,1,2-Tetrafluoroethane), 2.2		
IMO/IMDG (water):	UN3340, Refrigerant gas R 407C (Pentafluoroethane, Difluoromethane, 1,1,1,2-Tetrafluoroethane), 2.2		
Special Provisions:			
14.2. UN proper sh	ipping name		
Proper Shipping Name (Refrigerant gas R 407C (Pentafluoroethane, Difluoromethane, 1,1,1,2-Tetrafluoroethane)	
Class (DOT)	:	2.2 - Class 2.2 - Non-flammable compressed gas 49 CFR 173.115	
Hazard labels (DOT)	:	2.2 - Non-flammable gas	
DOT Special Provisions	(49 CFR 172.102) :	T50 - When portable tank instruction T50 is referenced in Column (7) of the 172.101 Table, the applicable liquefied compressed gases are authorized to be transported in portable tanks in accordance with the requirements of 173.313 of this subchapter	
DOT Packaging Exception	· · · · · ·	306	
DOT Packaging Non Bu		304	
DOT Packaging Bulk (49	9 CFR 173.xxx) :	314;315	
14.3. Additional infor			
Emergency Response G	Guide (ERG) Number :	126	
Other information :		No supplementary information available.	
Overland transport No additional information	n available		
Transport by sea			
DOT Vessel Stowage Lo	ocation :	A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel	
Air transport			
DOT Quantity Limitation (49 CFR 173.27)	s Passenger aircraft/rail :	75 kg	
DOT Quantity Limitation CFR 175.75)	s Cargo aircraft only (49 :	150 kg	
SECTION 15: Regi	ulatory information		
15.1. US Federal regula			
JOHNSEN'S R-407C REFRIGERANT 25 POUND CYLINDER			
Listed on the United St	tates TSCA (Toxic Substar	nces Control Act) inventory	
SARA Section 311/312	2 Hazard Classes	Immediate (acute) health hazard Sudden release of pressure hazard	
Difluoromethane (75-	Difluoromethane (75-10-5)		
SARA Section 311/312	2 Hazard Classes	Sudden release of pressure hazard Fire hazard Immediate (acute) health hazard	
1,1,1,2-Tetrafluoroeth	1,1,1,2-Tetrafluoroethane (811-97-2)		
	tates TSCA (Toxic Substar		
SARA Section 311/312	2 Hazard Classes	Sudden release of pressure hazard Immediate (acute) health hazard	
15.2. International regu	ulations		

CANADA

JOHNSEN'S R-407C REFRIGERANT 25 POUND CYLINDER		
Listed on the Canadian DSL (Domestic Substances List)		
WHMIS Classification	Class A - Compressed Gas	
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1,1,1,2-Tetrafluoroethane (811-97-2)	
WHMIS Classification	Class A - Compressed Gas

EU-Regulations

No additional information available

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Classification according to Directive 67/548/EEC [DSD] or 1999/45/EC [DPD]

F+; R12

Full text of R-phrases: see section 16

15.2.2. National regulations

No additional information available

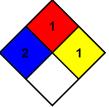
15.3. US State regulations

JOHNSEN'S R-407C REFRIGERANT 25 POUND CYLINDER				
U.S California - Proposition 65 - Carcinogens List	No			
U.S California - Proposition 65 - Developmental Toxicity	No			
U.S California - Proposition 65 - Reproductive Toxicity - Female	No			
U.S California - Proposition 65 - Reproductive Toxicity - Male	No			

Pentafluoroethane (354-33	3-6)			
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	Non-significant risk level (NSRL)
No	No	No	No	
Difluoromethane (75-10-5)	l			
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	Non-significant risk level (NSRL)
No	No	No	No	
1,1,1,2-Tetrafluoroethane	(811-97-2)			
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	Non-significant risk level (NSRL)
No	No	No	No	

ndication of changes	: Revision - See : *.
Other information	: None.
Full text of H-statements:	
H220	Extremely flammable gas
H280	Contains gas under pressure; may explode if heated

- : 1 Must be preheated before ignition can occur.
- : 1 Normally stable, but can become unstable at elevated temperatures and pressures or may react with water with some release of energy, but not violently.



HMIS III Rating

NFPA fire hazard

NFPA reactivity

Health

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Flammability	: 1 Slight Hazard
Physical	: 1 Slight Hazard
Personal Protection	: B

SDS US (GHS HazCom 2012) - TCC

The Supplier identified in Section 1 of this SDS has evaluated this product and certifies it to be labeled and packaged in compliance with the applicable provisions of the Federal Hazardous Substance Act as stated in 16 CFR 1500 and enforced by the Consumer Product Safety Commission, and where applicable the products that require Child Resistant Closures are packaged in accordance with the Poison Prevention Packaging Act as stated in 16 CFR 1700 and enforced by the Consumer Product Safety Commission. All closures have been tested in accordance with the latest protocols. No other testing is required to certify compliance with the above. The date of manufacture is stamped on the product

Disclaimer: The information and recommendations contained herein are based upon tests believed to be reliable. However, the manufacturer/distributor of this product does not guarantee their accuracy or completeness NOR SHALL ANY OF THIS INFORMATION CONSTITUTE A WARRANTY, WHETHER EXPRESSED OR IMPLIED, AS TO THE SAFETY OF THE GOODS, THE MERCHANTABILITY OF THE GOODS, OR THE FITNESS OF THE GOODS FOR A PARTICULAR PURPOSE. Adjustment to conform to actual conditions of usage may be required. The manufacturer/distributor assumes no responsibility for results obtained or for incidental or consequential damages, including lost profits, arising from the use of these data. No warranty against infringement of any patent, copyright or trademark is made or implied.