SAFETY DATA SHEETS

This SDS packet was issued with item:

078948313

N/A

CryOmega Vet Dual Delivery Cryosurgical System

Safety Data Sheet

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830

Publication Date: 16 Feb 2022 023MS REV 1

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

Product Form : Mixture, Liquefied Gas

Product Name : CryOmega Vet Dual Delivery Cryosurgical System

Synonyms : Mixture of Difluoromethane and Pentafluoroethane

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Relevant identified uses

Use of the substance/mixture: Cryosurgical treatment

NOTE: This substance is not classified as dangerous according to Directive 67/548/EEC or 1999/45/EC. This product is not a medical device. An SDS is not legally required to be made available for this product. However, this SDS is being provided for informational purposes only.

1.2.2 Uses advised against

No additional information available

1.3 Details of the supplier of the safety data sheet

Company

CryoConcepts LP

205 Webster Street

Bethlehem, PA 18015 USA

Phone: 855-355-2796

www.cryoconcepts.com

1.4 Emergency Telephone Number

Emergency Number : INFOTRAC INTERNATIONAL: +1-352-323-3500

Other Emergency number : Call your local emergency center

SECTION 2: Hazard identification

2.1 Classification of the Substance or Mixture

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

Gases under pressure, Liquefied gas H280

Simple Asphyxiant

Full text of hazard classes and H-statements See section 16

Adverse physicochemical, human health and environmental effects

No additional information available

2.2 Label Elements

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

Hazard Pictograms (CLP) :

Signal Word (CLP) : Warning

Hazard Statements (CLP) : H280 - Contains gas under pressure, may explode if heated

: H335 – May cause respiratory irritation

Precautionary Statements (CLP) : P251 - Do not pierce or burn, even after use.
P410+P403 - Protect from sunlight. Store in a well-ventilated place.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

2.3 Other Hazards

Other hazards not contributing to the classification : Vapors are heavier than air and can cause suffocation by reducing oxygen available for breathing. Misuse or intentional inhalation abuse may cause death without warning symptoms, due to cardiac effects. Rapid evaporation of the product may cause frostbite.

SECTION 3: Composition/information on ingredients

3.1 Substance

Not applicable

3.2 Mixture

Name	Product Identifier	% *	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Difluoromethane	(CAS No) 75-10-5 (EC no) 200-839-4	50	Flammable Gases – Category 1, H220 Gases Under Pressure – Liquefied gas, H280
Pentafluoroethane	(CAS No) 354-33-6 (EC no) 206-557-8	50	Gases Under Pressure – Liquefied gas, H280

Full text of H-phrases: see section 16

*Percentages are listed in weight by weight percentage (w/w%)

SECTION 4: First aid measures

4.1 Description of First-Aid Measures

First-aid measures general : In the case of accident or if you feel unwell, seek medical advice immediately. When symptoms persist or in all cases of doubt seek medical advice.

First-aid measures after inhalation : If inhaled, remove to fresh air. Get medical attention if symptoms occur.

First-aid measures after skin contact : Thaw frosted parts with lukewarm water. Do not rub affected area. Get medical attention immediately.

First-aid after eye contact : Get medical attention immediately.

First-aid measures after ingestion : Ingestion is not considered a potential route of exposure.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries : May cause frostbite if there is unintentional contact with the liquid. Asphyxia by lack of oxygen: risk of death with elevated concentrations. May cause cardiac arrhythmia.

Symptoms/injuries after inhalation : In elevated concentrations may cause asphyxiation, central nervous system effects, and increased breathing rate. Symptoms of asphyxiation include headache, dizziness, rapid breathing, increased pulse, mood changes, tremors, cyanosis, muscular weakness, narcosis, numbness of the extremities, unconsciousness and death.

Symptoms/injuries after skin contact : Unintentional contact with gas/liquid escaping the container can cause frostbite and freeze burns.

Symptoms/injuries after eye contact : Contact with gas/liquid escaping the container can cause frostbite, freeze burns, and permanent eye damage or blindness.

Symptoms/injuries after ingestion : Not considered a potential route of exposure, but contact with gas/liquid escaping the container can cause discomfort in the gastrointestinal tract from rapid evaporation of the material and consequent evolution of gas would result.

Chronic symptoms : None expected under normal conditions of use.

4.3 Indication of any immediate medical attention and special treatment needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: Firefighting measures

5.1 Extinguishing Media

Suitable Extinguishing Media : Not applicable, will not burn.

Unsuitable Extinguishing Media : Not applicable, will not burn.

5.2 Special hazards arising from the substance or mixture

Explosion hazard : Exposure to combustion products may be a hazard to health. If the temperature rises there is danger of the vessels bursting due to the high vapor pressure.

Reactivity : Fluorine compounds
Carbon oxides
Hydrogen fluoride
Carbonyl fluoride

5.3 Special protective equipment and precautions for firefighters

Precautionary measures fire : Exercise caution when fighting any chemical fire.

Firefighting instructions : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Fight fire remotely due to the risk of explosion. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

Protection during firefighting : Wear self-contained breathing apparatus for firefighting if necessary.
Use personal protective equipment.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

General measures : Evacuate personnel to safe areas. Avoid skin contact with leaking liquid (danger of frostbite). Ventilate the area. Follow safe handling advice and personal protective equipment recommendations.

6.1.1 For non-emergency personnel

Protective equipment : Use of personal protective equipment (PPE) is not generally required but should be evaluated based on conditions of accidental release.

Emergency procedures : Evacuate unnecessary personnel. Stop leak if safe to do so.

6.1.2 For emergency responders

Protective equipment : Use of personal protective equipment (PPE) is not generally required but should be evaluated based on conditions of accidental release.

Emergency procedures : Eliminate ignition sources. Ventilate area. Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

6.2 Environmental precautions

Prevent further leakage or spillage if safe to do so. Retain and dispose of contaminated wash water.

6.3 Methods and materials for containment and cleaning up

For containment : Ventilate the area.

Methods for cleaning up : Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable.

6.4 Reference to other sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations. Large and small spills may have a broad definition depending on the user's handling system. Therefore, the spill category must be defined at the point of release by technically qualified personnel.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Additional hazards when processed : Use only with adequate ventilation.

Precautions for safe handling : Avoid breathing gas. Handle in accordance with good industrial hygiene and safety practice, based on the results of the workplace exposure assessment. Wear cold insulating gloves/ face shield/ eye protection. Valve protection caps and valve outlet threaded plugs must remain in place unless container is secured with valve outlet piped to use point. Use a check valve or trap in the discharge line to prevent hazardous back flow into the cylinder. Prevent backflow into the gas tank. Use a pressure reducing regulator when connecting cylinder to lower pressure (<3000 psig) piping or systems. Close valve after each use and when empty. Do NOT change or force fit connections. Prevent the intrusion of water into the gas tank. Never attempt to lift cylinder by its cap. Do not drag, slide or roll cylinders. Use a suitable hand truck for cylinder movement. Keep away from heat and sources of ignition. Take precautionary measures against static discharges. Take care to prevent spills, waste and minimize release to the environment.

Hygiene measures : Handle in accordance with good industrial hygiene and safety procedures.

7.2 Conditions for Safe Storage, Including Any Incompatibilities

Technical measures : Use equipment rated for cylinder pressure. Use a backflow preventative device in piping. Close valve after each use and when empty.

Storage conditions : Cylinders should be stored upright and firmly secured to prevent falling or being knocked over. Separate full containers from empty containers. Do not store near combustible materials. Avoid area where salt or other corrosive materials are present. Keep in properly labeled containers. Keep in a cool, well-ventilated place.
Keep away from direct sunlight. Do not expose to temperatures exceeding 52°C/126°F.

Incompatible products : Do not store with the following product types:
Self-reactive substances and mixtures
Organic peroxides
Oxidizing agents
Flammable liquids

Flammable solids
Pyrophoric liquid
Pyrophoric solids
Self-heating substances and mixtures
Substances and mixtures which in contact with water emit flammable gases
Explosives
Acutely toxic substances and mixtures
Substances and mixtures with chronic toxicity

Recommended storage temperature: : <126°F / <52°C

7.3 Specific end use(s)

Cryosurgical treatment

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Pentafluoroethane (354-33-6)		
EU	IOELV TWA (mg/m³)	4900 mg/m³
EU	IOELV TWA (ppm)	1000 ppm
Germany	TRGS 910 Acceptable concentration notes	
United Kingdom	WEL TWA (mg/m³)	4900 mg/m³
United Kingdom	WEL TWA (ppm)	1000 ppm
Czech Republic	Local name	Pentafluoromethan
Czech Republic	Expoziční limity (PEL) (mg/m³)	5000 mg/m³
Czech Republic	Expoziční limity (PEL) (ppm)	1020 ppm
Czech Republic	Regulatory reference	Nařízení vlády č. 361/2007 Sb. (zapracovány změny č. 93/2012 Sb., 9/2013 Sb.)
Sweden	Local name	1,1,1,2,2-Pentafluoretan
Sweden	nivågränsvärde (NVG) (mg/m³)	2500 mg/m³
Sweden	nivågränsvärde (NVG) (ppm)	500 ppm
Sweden	kortidsvärde (KTV) (mg/m³)	3750 mg/m³
Sweden	kortidsvärde (KTV) (ppm)	750 ppm
Sweden	Anmärkning (SE)	V (Vägledande korttidsgränsvärde ska användas som ett rekommenderat högsta värde som inte bör överskridas)
Sweden	Regulatory reference	Hygieniska gränsvärden (AFS 2015:7)
Difluoromethane (75-10-5)		
EU	IOELV TWA (mg/m³)	2200 mg/m³
EU	IOELV TWA (ppm)	1000 ppm
Germany	TRGS 910 Acceptable concentration notes	
Czech Republic	Expoziční limity (PEL) (mg/m³)	2000 mg/m³
Czech Republic	Expoziční limity (PEL) (ppm)	940 ppm
Czech Republic	Expoziční limity (NPK-P) (mg/m³)	5000 mg/m³

Pentafluoroethane (354-33-6)		
Czech Republic	Expoziční limity (NPK-P) (ppm)	2350 ppm

Pentafluoroethane (354-33-6)	
DNEL/DMEL (workers)	
Long-term – systemic effects, inhalation	16444 mg/m³
DNEL/DMEL (General population)	
Long-term – systemic effects, inhalation)	1753 mg/m³
PNEC (Water)	
PNEC aqua (freshwater)	0.1 mg/l
PNEC aqua (intermittent, freshwater)	1 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.6 mg/l
Difluoromethane (75-10-5)	
DNEL/DMEL (workers)	
Long-term – systemic effects, inhalation	7035 mg/m³
DNEL/DMEL (General population)	
Long-term – systemic effects, inhalation)	750 mg/m³
PNEC (Water)	
PNEC aqua (freshwater)	0.142 mg/l
PNEC aqua (intermittent, freshwater)	1.42 mg/l
PNEC (Sediment)	
PNEC sediment (freshwater)	0.534 mg/l

8.2 Exposure controls

Appropriate engineering controls : Ensure adequate ventilation, especially in confined areas. Minimize workplace exposure concentrations.

Personal protective equipment : Wear cold insulating gloves/ face shield/ eye protection.

Eye protection : Wear the following personal protective equipment: Chemical resistance goggles must be worn and Face-shield.

Hand, skin and body protection : Low temperature resistant gloves. Choose gloves to protect hands against chemicals depending on the concentration specific to place of work. For special applications, we recommend clarifying the resistance to chemicals of the aforementioned protective gloves with the glove manufacturer. Skin should be washed after contact.

Respiratory protection : General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Use an approved self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

Hygiene Measures : If exposure to chemical is likely during typical use, provide eye flushing systems and safety showers close to the working place. When using do not eat, drink or smoke. Wash contaminated clothing before re-use.

SECTION 9: Physical and chemical properties

9.1 Information on Basic Physical and Chemical Properties

Physical State	Liquefied gas
Appearance	Clear, colorless liquid and vapor
Odor	Slight, ether-like
Odor Threshold	Not established
pH	Neutral
Evaporation Rate	>1 (CCL4 = 1.0)
Melting Point	No data available
Freezing Point	Not determined
Boiling Point	-48.5°C / -55.4°F
Flash Point	Not applicable
Auto-Ignition Temperature	>750°C
Decomposition Temperature	>250°C
Flammability (solid, gas)	Will not burn
Lower Flammable Limit	None
Upper Flammable Limit	None
Vapor Pressure	215.3 psia @ 70°F / 21.1°C) 490.2 psia @ 130°F / 54.4°C)
Relative Vapor Density	3.0
Specific Gravity	1.08 @ 21.1°C (70°F)
Solubility	No data available
Partition Coefficient: N-Octanol/Water	Not applicable
Viscosity	Not applicable
Explosive Properties	Not explosive

9.2 Other information

Gas group Liquefied gas

SECTION 10: Stability and reactivity

10.1 Reactivity

Not classified as a reactivity hazard.

10.2 Chemical stability

Stable if used as directed. Follow precautionary advice and avoid incompatible materials and conditions.

10.3 Possibility of hazardous reactions

Can react with strong oxidizing agents.

10.4 Conditions to avoid

Heat, flames, and sparks.

10.5 Incompatible materials

Oxidizing agents

10.6 Hazardous Decomposition Products

No hazardous decomposition products are known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity	: Not classified based on available information
Serious eye damage/irritation	: Not available
Skin corrosion/irritation	: Not available
Respiratory or skin sensitization	: Not available
Germ cell mutagenicity	: Not available
Carcinogenicity	: Not available
Reproductive toxicity	: Not available
Teratogenicity	: Negative
Specific target organ toxicity (single exposure)	: Not available
Specific target organ toxicity (repeated exposure)	: Lifetime inhalation exposure of male rats was associated with a small increase in salivary gland fibrosarcomas.
Aspiration hazard	: Not available
Symptoms/Injuries After Inhalation	: In elevated concentrations may cause asphyxiation, central nervous system effects, and increased breathing rate. Symptoms of asphyxiation include headache, dizziness, rapid breathing, increased pulse, mood changes, tremors, cyanosis, muscular weakness, narcosis, numbness of the extremities, unconsciousness and death.
Symptoms/Injuries After Skin Contact	: Unintentional contact with gas/liquid escaping the container can cause frostbite and freeze burns.
Symptoms/Injuries After Eye Contact	: Contact with gas/liquid escaping the container can cause frostbite, freeze burns, and permanent eye damage or blindness.
Symptoms/Injuries After Ingestion	: Not considered a potential route of exposure, but contact with gas/liquid escaping the container can cause discomfort in the gastrointestinal tract from rapid evaporation of the material and consequent evolution of gas would result.
Chronic Symptoms	: None expected under normal conditions of use.

Ingredient Name	Result	Species	Dose
Difluoromethane	LC50 Inhalation Vapor	Rat	>520,000 ppm
	LC50 Inhalation Vapor	Dog	Not a cardiac sensitizer
Pentafluoroethane	LC50 Inhalation Vapor	Rat	>800,000 ppm
	LC50 Inhalation Vapor	Dog	Not a cardiac sensitizer

SECTION 12: Ecological information

12.1 Toxicity

Pentafluoroethane (354-33-6)	
Toxicity to fish	LC50 (Oncorhynchus mykiss (rainbow trout)): 450 mg/l Exposure time: 96h LC50 (Danio rerio (zebra fish)): > 200 mg/l Exposure time: 96h LC50 (Oncorhynchus (rainbow trout)): > 81.2 mg/l

	Exposure time: 96h Remarks: Based on data from similar materials
Toxicity to daphnia and other aquatic invertebrates	EC50 (Daphnia magna (Water flea)): >200 mg/l Exposure time: 48h EC50 (Daphnia magna (Water flea)): >97.9 mg/l Exposure time: 48h EC50 (Daphnia magna (Water flea)): >97.9 mg/l Exposure time: 48h Remarks: Based on data from similar materials
Toxicity to algae/aquatic plants	LC50 (Pseudokirchneriella subcapitata (green algae)): >118 mg/l Exposure time: 72h LC50 (Pseudokirchneriella subcapitata (green algae)): >114 mg/l Exposure time: 72h LC50 (Algae): 142 mg/l Exposure time: 96h Remarks: Based on data from similar materials
Difluoromethane (75-10-5)	
Toxicity to fish	LC50 (Fish): 1507 mg/l Exposure time: 96h
Toxicity to daphnia and other aquatic invertebrates	EC50 (Daphnia): 652 mg/l Exposure time: 48h
Toxicity to algae/aquatic plants	LC50 (algae): 142 mg/l Exposure time: 96h

12.2 Persistence and degradability

Pentafluoroethane (354-33-6)	
Biodegradability	Result: Not readily biodegradable Biodegradation: 5% Exposure time: 28 d

12.3 Bioaccumulative potential

Pentafluoroethane (354-33-6)	
Log Pow	1.48
Difluoromethane (75-10-5)	
Log Pow	0.21

12.4 Mobility in soil

Pentafluoroethane (354-33-6)	
Log Koc	1.3 – 1.7

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

Ozone depletion factor ODP (R-11=1) = 0. Total global warming potential (GWP): 2088.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste disposal recommendations : Dispose of in accordance with local regulations.

Ecology – waste materials	:	Empty containers should be taken to an approved waste handling site for recycling or disposal.
Additional information	:	Empty pressure vessels should be returned to the supplier. If not otherwise specified: Dispose of as unused product.

SECTION 14: Transport information

Refer to shipping papers for additional information. In accordance with ADR / RID / IMDG / IATA:

14.1 ADR / RID

UN Number	:	3163
Class	:	2
Classification code	:	2A
Hazard Identification Number	:	20
Labeling Number	:	2.2

Proper Shipping Name	:	Liquefied Gas N.O.S. (Difluoromethane, Pentafluoroethane)
Packing group	:	Not Applicable
Packing instructions	:	P200
Tunnel Code	:	C/E – Tank carriage: Passage forbidden through tunnels of category C, D &E E (other carriage): Passage forbidden through tunnels of category E
Environmental Hazard	:	No

14.2 IMDG

UN Number	:	3163
Class	:	2
Labeling Number	:	2.2

EmS	:	F-C, S-V
Proper Shipping Name	:	Liquefied Gas N.O.S. (Difluoromethane, Pentafluoroethane)
Packing group	:	Not Applicable
Packing instructions	:	P200
Marine Pollutant	:	No
Environmental Hazard	:	No

14.3 IATA

UN Number	:	3163
Class	:	2
Labeling Number	:	2.2

Proper Shipping Name	:	Liquefied Gas N.O.S. (Difluoromethane, Pentafluoroethane)
Packing group	:	Not Applicable
Passengers and Cargo flights	:	200
Only Cargo flights	:	200
Environmental Hazard	:	No
Additional information	:	Passenger aircraft maximum net quantity (IATA) – 75 kg Cargo aircraft maximum net quantity (IATA) – 150 kg

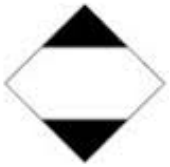
14.4 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable for product as supplied.

14.5 Other information:

Limited Quantities:

Proper Shipping Name	:	Limited Quantity
Technical Name	:	N/A
Primary Hazard Class/Division	:	N/A
UA/NA Number	:	N/A
Packing Group	:	N/A
Label	:	Limited Quantity



14.6 Special Precautions for User

Avoid shipping in hot, unventilated areas; avoid static discharge and strong oxidizing agents. The transport classification(s) provided herein are for informational purposes only, and solely based upon the properties of the unpackaged material as it is described within the Safety Data Sheet. Transportation classifications may vary by mode of transportation, package sizes, and variations in regional or country regulations.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1 EU – Regulations

Contains no REACH substances with Annex XVII restrictions
Contains no substance on the REACH candidate list
Contains no REACH Annex XIV substances
Contains no substance subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals.

Substance(s) are not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC.

Regulation (EC) No 517/2014: Greenhouse fluorinated gas falling within Kyoto Protocol.

15.1.2 National regulations

Ensure all national/local regulations are observed.

Germany	
Reference to AwSV	Water hazard class (WGK) 1, Slightly hazardous to water (Classification according to AwSV)
12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV	Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)
Netherlands	
SZW-lijst van kankerverwekkende stoffen	None of the components are listed
SZW-lijst van mutagene stoffen	None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding	None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid	None of the components are listed
NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling	None of the components are listed
Switzerland	
Swiss National Regulations	ORRChim RS 814.81

15.2 Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Indication for Changes : New International SDS
Publication Date : **16 Feb 2022**
Other Information : This Safety Data Sheet has been made according EU regulation in force.

Full Text of P-, H- , and EUH-statements:

Compressed Gas	Gases under pressure Compressed gas
Liquefied Gas	Gases under pressure Liquefied gas
Simple Asphy	May displace oxygen and cause rapid suffocation
H280	Contains gas under pressure; may explode if heated
H335	May cause respiratory irritation
P251	Do not pierce or burn, even after use
P410+P403	Protect from sunlight. Store in a well-ventilated place
P410+P412	Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F

Key Abbreviations:

ADR	Accord Dangereux Routier
DNEL	Derived No-Effect Level
DMEL	Derived Minimal Effect Levels
EC50	Effective Concentration 50%
IATA	International Air Transport Association

IOELV	Indicative Occupational Exposure Limit Values
IMDG	International Maritime Dangerous Goods Code
LC50	Lethal Concentration 50%
Log Koc	Logarithm Partition coefficient Soil/Water
Log Pow	Logarithm Partition coefficient n-Octanol/Water
MAK	Maximum Workplace Concentration
MARPOL	International Convention for the Prevention of Pollution from Ships
OEL	Occupational Exposure Limit
PBT	Predicted Bio-accumulative Toxic
PNEC	Predicted No Effect Concentration
PPE	Personal Protective Equipment
psig	Pounds per Square Inch Gauge
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Regulations Concerning the International Transport of Dangerous Goods by Rail
SDS	Safety Data Sheet
TWA	Time Weighted Average
vPvB	very Persistent very Bioaccumulative
WEL	Workplace Exposure Limits

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety, and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.