

# SAFETY DATA SHEET SPR - HEAVY DUTY FLUX REMOVER - SUPRCLEAN, AEROSOL

According to Appendix D, OSHA Hazard Communication Standard 29 CFR §1910.1200

1. Identification		
Product identifier		
Product name	SPR - HEAVY DUTY FLUX REMOVER - SUPRCLEAN, AEROSOL	
Product number	MCC-SPR, MCC-SPR101, MCC-SPR12Y, MCC-SPR19A	
Synonyms; trade names	"SPR - SUPRCLEAN Nonflammable Flux Remover", MCC-CBCSK	
Recommended use of the che	emical and restrictions on use	
Application	Cleaning agent.	
Details of the supplier of the safety data sheet		
Supplier	MICROCARE CORPORATION	
Manufacturer	MICROCARE CORPORATION 595 John Downey Drive New Britain, CT 06051 United States of America CAGE: OATV9 Tel: + 1 800 638 0125, +1 860-827-0626 Fax: +1 860-827-8105 techsupport@microcare.com	
Emergency telephone numbe	r	
Emergency telephone	CHEMTREC 1-800-424-9300 (within the U.S.) +1 703-741-5970 (from anywhere in the world)	
2. Hazard(s) identification		
Classification of the substance or mixture		
Physical hazards	Not Classified	
Health hazards	Not Classified	
Human health	Prolonged or repeated contact with skin may cause irritation, redness and dermatitis. Mild dermatitis, allergic skin rash.	
Environmental	The product contains a substance which is harmful to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.	
Physicochemical	Vapors are heavier than air and may travel along the floor and accumulate in the bottom of containers. Not considered to be a significant hazard due to the small quantities used. Gas or vapor displaces oxygen available for breathing (asphyxiant).	
Label elements		
Hazard statements	NC Not Classified	

Precautionary statements	P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P251 Pressurized container: Do not pierce or burn, even after use P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. P501 Dispose of contents/ container in accordance with local regulations.
Supplemental label information	Safety data sheet available on request. For use in industrial installations only.

### 3. Composition/information on ingredients

Mixtures	
trans-DICHLOROETHYLEN	NE 30-60
CAS number: 156-60-5	
Classification	
Flam. Liq. 2 - H225	
Acute Tox. 4 - H332	
Not relevant.	
1,1,1,2,2,3,4,5,5,5-decaflud	ropentane 10-30
CAS number: 138495-42-8	
Classification	
Not relevant.	
HFC-134a Tetrafluoroethar	ie 10-30
CAS number: 811-97-2	
Classification	
Press. Gas, Liquefied - H28	;0
ETHANOL	1-5
CAS number: 64-17-5	
Classification	
Flam. Liq. 2 - H225	
The full text for all hazard sta	atements is displayed in Section 16.
Composition comments	The exact percentage (concentration) of composition has been withheld as a trade secret in accordance with paragraph (i) of CFR 1900.1200 TSCA: The ingredients of this product are on the TSCA Inventory.

Composition

	. First-aid measures
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### Description of first aid measures

### **General information**

Never give anything by mouth to an unconscious person. Do not induce vomiting. Place unconscious person on the side in the recovery position and ensure breathing can take place. If breathing stops, provide artificial respiration.

Inhalation	Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen.	
Ingestion	Do not induce vomiting. Rinse mouth thoroughly with water. Give plenty of water to drink. Consult a physician for specific advice.	
Skin Contact	Remove contaminated clothing and rinse skin thoroughly with water.	
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Consult a physician for specific advice.	
Most important symptoms and effects, both acute and delayed		
General information	The severity of the symptoms described will vary dependent on the concentration and the length of exposure.	
Inhalation	Vapors may cause headache, fatigue, dizziness and nausea. Difficulty in breathing. Upper respiratory irritation. Severe irritation of nose and throat.	
Ingestion	May cause stomach pain or vomiting. Drowsiness, dizziness, disorientation, vertigo.	
Skin contact	Prolonged or repeated contact with skin may cause irritation, redness and dermatitis.	
Eye contact	Irritation of eyes and mucous membranes. Irritating to eyes. Symptoms following overexposure may include the following: Redness. Pain.	
Indication of immediate medical attention and special treatment needed		
Notes for the doctor	No specific recommendations. If in doubt, get medical attention promptly.	
5. Fire-fighting measures		
Extinguishing media		
Suitable extinguishing media	The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.	
Special hazards arising from the substance or mixture		
Special hazarus ansing nom u	ne substance or mixture	
Flammability Class	ne substance or mixture The product is not flammable.	
Flammability Class	The product is not flammable. Keep away from heat, sparks and open flame. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapors. Aerosol	
Flammability Class Specific hazards Hazardous combustion	The product is not flammable. Keep away from heat, sparks and open flame. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapors. Aerosol containers can explode when heated, due to excessive pressure build-up. Heating may generate the following products: Toxic and corrosive gases or vapors. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.	
Flammability Class Specific hazards Hazardous combustion products	The product is not flammable. Keep away from heat, sparks and open flame. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapors. Aerosol containers can explode when heated, due to excessive pressure build-up. Heating may generate the following products: Toxic and corrosive gases or vapors. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors.	
Flammability Class Specific hazards Hazardous combustion products <u>Advice for firefighters</u> Protective actions during	The product is not flammable. Keep away from heat, sparks and open flame. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapors. Aerosol containers can explode when heated, due to excessive pressure build-up. Heating may generate the following products: Toxic and corrosive gases or vapors. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Oxides of carbon. Oxides of nitrogen. Move containers from fire area if it can be done without risk. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Bursting	
Flammability Class Specific hazards Hazardous combustion products <u>Advice for firefighters</u> Protective actions during firefighting Special protective equipment	The product is not flammable. Keep away from heat, sparks and open flame. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapors. Aerosol containers can explode when heated, due to excessive pressure build-up. Heating may generate the following products: Toxic and corrosive gases or vapors. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Oxides of carbon. Oxides of nitrogen. Move containers from fire area if it can be done without risk. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Bursting aerosol containers may be propelled from a fire at high speed. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.	
Flammability Class Specific hazards Hazardous combustion products <u>Advice for firefighters</u> Protective actions during firefighting Special protective equipment for firefighters 6. Accidental release measure	The product is not flammable. Keep away from heat, sparks and open flame. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapors. Aerosol containers can explode when heated, due to excessive pressure build-up. Heating may generate the following products: Toxic and corrosive gases or vapors. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapors. Oxides of carbon. Oxides of nitrogen. Move containers from fire area if it can be done without risk. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Bursting aerosol containers may be propelled from a fire at high speed. Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.	

 Personal precautions
 Warn everybody of potential hazards and evacuate if necessary. Provide adequate ventilation.

 Avoid inhalation of vapors. Use approved respirator if air contamination is above an acceptable level.
 acceptable level.

Environmental precautions		
Environmental precautions	Contain spillage with sand, earth or other suitable non-combustible material. Avoid release to the environment.	
Methods and material for cont	tainment and cleaning up	
Methods for cleaning up	Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation.	
Reference to other sections	See Section 11 for additional information on health hazards.	
7. Handling and storage		
Precautions for safe handling		
Usage precautions	Provide adequate ventilation. Avoid inhalation of vapors/spray and contact with skin and eyes. Keep away from heat, sparks and open flame. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapors.	
Conditions for safe storage, in	cluding any incompatibilities	
Storage precautions	Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.	
Specific end uses(s)		
Specific end use(s)	The identified uses for this product are detailed in Section 1.	
Reference to other sections.	Store away from incompatible materials (see Section 10).	
8. Exposure Controls/persona	Il protection	
Control parameters		
Occupational exposure limits		
trans-DICHLOROETHYLENE Long-term exposure limit (8-hour TWA): ACGIH 200 ppm 793 mg/m³		
1,1,1,2,2,3,4,5,5,5-decafluoro		
	would effect occupational exposure limit values.	
HFC-134a Tetrafluoroethane		
Long-term exposure limit (8-h	our TWA): OES 4240 mg/m <sup>3</sup>	
ETHANOL		
Short-term exposure limit (15-minute): ACGIH 1000 ppm 1880 mg/m³ A3		
Long-term exposure limit (8-hour TWA): OSHA 1000 ppm 1900 mg/m³ ACGIH = American Conference of Governmental Industrial Hygienists.		
A3 = Confirmed Animal Carcinogen with Unknown Relevance to Humans. OSHA = Occupational Safety and Health Administration.		
A3 = Confirmed Animal Carcir OSHA = Occupational Safety	nogen with Unknown Relevance to Humans.	
A3 = Confirmed Animal Carcir OSHA = Occupational Safety Additional Occupational Exposure Limits	nogen with Unknown Relevance to Humans.	
OSHA = Occupational Safety Additional Occupational	nogen with Unknown Relevance to Humans.	
OSHA = Occupational Safety Additional Occupational Exposure Limits	nogen with Unknown Relevance to Humans. and Health Administration.	

Exposure controls

### Protective equipment

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Appropriate engineering controls	No specific ventilation requirements. This product must not be handled in a confined space without adequate ventilation.
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
Other skin and body protection	Wear suitable protective clothing as protection against splashing or contamination. Wear apron or protective clothing in case of contact.
Hygiene measures	No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products. When using do not eat, drink or smoke.
Respiratory protection	Vapors are heavier than air and may travel along the floor and accumulate in the bottom of containers. In confined or poorly-ventilated spaces, a supplied-air respirator must be worn. Wear self-contained breathing apparatus with full facepiece.

### 9. Physical and Chemical Properties

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Information on basic physical and chemical properties		
Appearance	Clear liquid. Aerosol.	
Color	Colorless.	
Odor	Slight. Ether.	
Odor threshold	No information available.	
рН	No information available.	
Melting point	No information available.	
Initial boiling point and range	41°C/106°F @ 101.3 kPa	
Flash point	The product is not flammable.	
Evaporation rate	No information available.	
Evaporation factor	No information available.	
Upper/lower flammability or explosive limits	Upper flammable/explosive limit: 14.4 %(V) Lower flammable/explosive limit: 5.0 %(V)	
Other flammability	The product is not flammable. Aerosol ignition distance: none at 0.0 cm	
Vapor pressure	37.9 kPa @ 25°C	
Vapor density	3.4	
Relative density	1.27	
Bulk density	No information available.	
Solubility(ies)	.4 g/l water @ 25°C	
Partition coefficient	No information available.	

Auto-ignition temperature	No information available.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	No information available.
Oxidizing properties	Not known.
Comments	Aerosol.
Refractive index	No information available.
Particle size	No information available.
Molecular weight	Not applicable.
Volatility	100%
Saturation concentration	No information available.
Critical temperature	No information available.
Volatile organic compound	This product contains a maximum VOC content of 1080 g/l.
Flammability	The product is not flammable.
10. Stability and reactivity	
Reactivity	The following materials may react with the product: Strong alkalis.
Stability	Stable at normal ambient temperatures and when used as recommended.
Possibility of hazardous reactions	Will not polymerize.
Conditions to avoid	Keep away from heat, sparks and open flame. Thermal decomposition or combustion products may include the following substances: Toxic and corrosive gases or vapors.
Materials to avoid	Alkali metals. Alkaline earth metals. Powdered metal.
Hazardous decomposition products	Heating may generate the following products: Toxic and corrosive gases or vapors. Halogenated hydrocarbons. Hydrogen fluoride (HF). Carbon dioxide (CO2). Carbon monoxide (CO).
11. Toxicological information	

# Information on toxicological effectsAcute toxicity - oralATE oral (mg/kg)2,245.45

Inhalation	Vapors may irritate throat/respiratory system. A single exposure may cause the following adverse effects: Coughing. Difficulty in breathing.
Ingestion	May cause stomach pain or vomiting. May cause nausea, headache, dizziness and intoxication.
Skin Contact	Product has a defatting effect on skin. May cause allergic contact eczema.
Eye contact	May cause temporary eye irritation.

Medical SymptomsGas or vapor in high concentrations may irritate the respiratory system. Symptoms following<br/>overexposure may include the following: Headache. Fatigue. Nausea, vomiting.

### Toxicological information on ingredients.

### trans-DICHLOROETHYLENE

Other health effects	There is no evidence that the product can cause cancer.
Acute toxicity - inhalation	
ATE inhalation (vapours mg/l)	11.0
	1,1,1,2,2,3,4,5,5,5-decafluoropentane
Acute toxicity - oral	
 Acute toxicity oral (LD₅₀ mg/kg)	5,000.0
Species	Rat
ATE oral (mg/kg)	5,000.0
Acute toxicity - dermal	
Acute toxicity dermal (LD₅₀ mg/kg)	5,000.0
Species	Rat
ATE dermal (mg/kg)	5,000.0
Acute toxicity - inhalation	
Acute toxicity inhalation (LC₅₀ vapours mg/l)	114.0
Species	Rat
ATE inhalation (vapours mg/l)	114.0
Skin corrosion/irritation	
Animal data	Not irritating. Rabbit
Human skin model test	Data lacking.
Extreme pH	Not applicable. Not corrosive to skin.
Serious eye damage/irritation	on
Serious eye damage/irritation	Not irritating. Rabbit
Respiratory sensitization	
Respiratory sensitization	Data lacking.
Skin sensitization	
Skin sensitization	Not sensitizing Guinea pig: Not sensitizing.
Germ cell mutagenicity	
Genotoxicity - in vitro	This substance has no evidence of mutagenic properties.

Genotoxicity - in vivo	This substance has no evidence of mutagenic properties.			
Carcinogenicity				
Carcinogenicity	Does not contain any substances known to be carcinogenic.			
IARC carcinogenicity	Not listed.			
	Not listed.			
NTP carcinogenicity				
OSHA Carcinogenicity	Not listed.			
Reproductive toxicity				
Reproductive toxicity - fertility	No evidence of reproductive toxicity in animal studies.			
Skin Contact	Skin irritation should not occur when used as recommended. May cause defatting of the skin but is not an irritant.			
Eye contact	May cause eye irritation.			
Acute and chronic health hazards	There is no evidence that the product can cause cancer.			
HFC-134a Tetrafluoroethane				
Other health effects	There is no evidence that the product can cause cancer.			
Acute toxicity - inhalation				
Acute toxicity inhalation (LC∞ gases ppmV)	567,000.0			
Species	Rat			
ATE inhalation (gases ppm)	567,000.0			
Inhalation	Vapors irritate the respiratory system. May cause coughing and difficulties in breathing.			
Ingestion	May cause stomach pain or vomiting. May cause nausea, headache, dizziness and intoxication.			
Skin Contact	May cause allergic contact eczema. Contact with liquid form may cause frostbite.			
Eye contact	May cause temporary eye irritation.			
ETHANOL				
Acute toxicity - inhalation				
Acute toxicity inhalation (LC₅₀ vapours mg/l)	20,000.0			
ATE inhalation (vapours mg/l)	20,000.0			
Carcinogenicity				
IARC carcinogenicity	IARC Group 1 Carcinogenic to humans.			

12	Ecol	onical	Informa	ation
12.		uulual		auon

Ecological in	nformation on ingredients.		
		trans-DICHLOROETHYLENE	
	Ecotoxicity	Low acute toxicity to aquatic organisms.	
		1,1,1,2,2,3,4,5,5,5-decafluoropentane	
	Ecotoxicity	It is unlikely that the substance will dissolve in water in amounts big enough to have a toxic effect on fish and daphnies.	
Toxicity	Very toxic to aquatic organisms.		
Ecological ir	nformation on ingredients.		
		trans-DICHLOROETHYLENE	
	Acute toxicity - fish	LC₅₀, 96 hours: 1350 mg/l, Fish	
	Acute toxicity - aquatic invertebrates	EC₅₀, 48 hours: 220 mg/l, Daphnia magna	
		1,1,1,2,2,3,4,5,5,5-decafluoropentane	
	Acute toxicity - fish	LC₅₀, 96 hours: 13.9 mg/l, Onchorhynchus mykiss (Rainbow trout)	
	Acute toxicity - aquatic invertebrates	LC₅₀, 48 hours: 11.7 mg/l, Daphnia magna	
	Acute toxicity - aquatic plants	EC₅₀, 72 hours: >120 mg/l, Algae	
		HFC-134a Tetrafluoroethane	
	Acute toxicity - fish	LC₅₀, 96 hours: 450 mg/l, Fish	
	Acute toxicity - aquatic invertebrates	EC₅₀, 48 hours: 980 mg/l, Daphnia magna	
		ETHANOL	
	Acute toxicity - fish	LC₅₀, 96 hours: >10,000 mg/l, Fish	
	Acute toxicity - aquatic invertebrates	EC₅₀, 48 hours: 7,800 mg/l, Daphnia magna	
	Acute toxicity - aquatic plants	, 96 hours: 1000 mg/l, Freshwater algae	
	and degradability formation on ingredients.		
	ETHANOL		
	Persistence and degradability	The product is expected to be biodegradable.	

### **Bioaccumulative potential**

**Bio-Accumulative Potential** No data available on bioaccumulation.

Partition coefficient No information available.

Ecological information on ingredients.

### trans-DICHLOROETHYLENE

**Bio-Accumulative Potential** Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.

### 1,1,1,2,2,3,4,5,5,5-decafluoropentane

**Bio-Accumulative Potential** Bioaccumulation is unlikely to be significant because of the low water-solubility of this product.

Partition coefficient Pow: 2.7

### HFC-134a Tetrafluoroethane

Partition coefficient Pow: 1.06

### ETHANOL

Bio-Accumulative Potential Bioaccumulation is unlikely.

Partition coefficient No information available.

Mobility in soil

Mobility

The product contains volatile substances which may spread in the atmosphere.

Ecological information on ingredients.

### trans-DICHLOROETHYLENE

 Mobility
 The product has poor water-solubility.

 ETHANOL

 Mobility
 The product is soluble in water.

 Other adverse effects
 The product contains a substance or substances that will contribute to global warming (greenhouse effect).

 13. Disposal considerations
 Waste treatment methods

local Waste Disposal Authority.

General informationWaste should be treated as controlled waste. Dispose of waste to licensed waste disposal site<br/>in accordance with the requirements of the local Waste Disposal Authority.

Dispose of waste to licensed waste disposal site in accordance with the requirements of the

14 Transport information

14. Transport information

**Disposal methods** 

General

Requirements for marking and labeling of package varies depending on mode of transport. If uncertain of proper markings and labeling, call MicroCare for assistance.

**UN Number** 

UN No. (IMDG)	UN1950			
UN No. (ICAO)	UN1950			
UN proper shipping name				
Proper shipping name (TDG)	LIMITED QUANTITY			
Proper shipping name (IMDG)	UN1950 AEROSOLS, NON-FLAMMABLE, 2.2, LIMITED QUANTITY			
Proper shipping name (ICAO)	UN1950 AEROSOLS, NON-FLAMMABLE, 2.2, LIMITED QUANTITY			
Proper shipping name (DOT)	LIMITED QUANTITY			
Transport hazard class(es)				
IMDG Class	2.2 LIMITED QUANTITY			
ICAO class/division	2.2 LIMITED QUANTITY			
ICAO subsidiary risk	N/A			
Packing group				
TDG Packing Group	N/A			
IMDG packing group	N/A			
ICAO packing group	N/A			
DOT packing group	N/A			
Special precautions for user				
Not applicable.				
EmS	F-C, S-V			
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable. No information required.			
15. Regulatory information				
US Federal Regulations SARA Section 302 Extremely Hazardous Substances Tier II Threshold Planning Quantities Not listed.				
CERCLA/Superfund, Hazardo	us Substances/Reportable Quantities (EPA)			
<i>trans-DICHLOROETHYLENE</i> Final CERCLA RQ: 1000(454) pounds (Kilograms)				
SARA Extremely Hazardous Substances EPCRA Reportable Quantities Not listed.				
SARA 313 Emission Reporting Not listed.				
CAA Accidental Release Prev	CAA Accidental Release Prevention			

Not listed.

# SARA (311/312) Hazard Categories

Pressure

# OSHA Highly Hazardous Chemicals Not listed.

### **US State Regulations**

California Proposition 65 Carcinogens and Reproductive Toxins Not listed.

### California Air Toxics "Hot Spots" (A-I) Not listed.

California Air Toxics "Hot Spots" (A-II) Not listed.

### California Directors List of Hazardous Substances

*trans-DICHLOROETHYLENE* Present. *ETHANOL* Present.

### Massachusetts "Right To Know" List

*trans-DICHLOROETHYLENE* Present. *ETHANOL* Present.

### Rhode Island "Right To Know" List

ETHANOL Present.

### Minnesota "Right To Know" List

ETHANOL

Present.

*HFC-134a Tetrafluoroethane* Present.

### New Jersey "Right To Know" List

*ETHANOL* Present.

### Pennsylvania "Right To Know" List

*trans-DICHLOROETHYLENE* Present.

*ETHANOL* Present.

Inventories Canada - DSL/NDSL Yes trans-DICHLOROETHYLENE DSL

1,1,1,2,2,3,4,5,5,5-decafluoropentane DSL

ETHANOL

DSL

*HFC-134a Tetrafluoroethane* DSL

### US - TSCA

Yes

*trans-DICHLOROETHYLENE* Present.

1,1,1,2,2,3,4,5,5,5-decafluoropentane

Present.

1,1,1,2,2,3,4,5,5,5-DECAFLUOROPENTANE (CAS# 138495-42-8) is controlled by TSCA Section 5, Significant New Use Rule (SNUR; 40 CFR 721.5645) The approved uses are: precision and general cleaning, carrier fluid, displacement drying, printed circuit board cleaning, particulate removal and film cleaning, process medium, heat transfer fluid (dielectric and non-dielectric), and test fluid. Processors and users of this substance must also comply with the applicable general SNUR requirements set forth in 40 CFR 721 subpart A, including export notification requirements if applicable (40 CFR 721.20), and the applicable record keeping requirements set forth at 40 CFR 721.125. 1,1,1,2,2,3,4,5,5,5-Decafluoropentane 138495-42-8 The United States Environmental Protection Agency (USEPA) has established a Significant New Use Rule (SNUR) for one of the components in this product. This material contains one or more substances which requires export notification under TSCA Section 12(b) and 40 CFR Part 707 Subpart D:

*ETHANOL* Present.

HFC-134a Tetrafluoroethane

Present.

### 16. Other information

Revision comments	NOTE: Lines within the margin indicate significant changes from the previous revision.	
Revision date	2/23/2018	
Revision	66	
Supersedes date	12/13/2017	
SDS No.	AEROSOL - SPR	
SDS status	Approved.	
Hazard statements in full	H225 Highly flammable liquid and vapor. H280 Contains gas under pressure; may explode if heated. H332 Harmful if inhaled.	

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.