

CL120 Kit (Components - CL121 and MN141) Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Revision date: 07/23/2013 Supersedes:04/11/2013

Version: 1.1

SECTION 1: Identification of the subs	stance/mixture and of the company/undertaking					
1.1. Product identifier						
Product form	: Mixtures					
Trade name	: CL121 Evaporator Odor Eliminator					
Product code	: CL121					
1.2. Relevant identified uses of the substa	ance or mixture and uses advised against					
Use of the substance/mixture	: Foaming cleanser used to eliminate air conditioning evaporator odors.					
1.3. Details of the supplier of the safety d	ata sheet					
Tire Seal, Inc. 3574 Corona Street 33461 Lake Worth, Florida - USA T 561-582-2245 - F 561-582-1499 www.supercool.ac						
1.4. Emergency telephone number						
Emergency number	: (352) 472-7295 DGA/AAG ENVIRONMENTAL Contract No. 10-057					
SECTION 2: Hazards identification						
2.1. Classification of the substance or mi	xture					
Classification (GHS-US) Not classified						
2.2. Label elements						
GHS-US labeling						
No labeling applicable						
2.3. Other hazards						
Other hazards not contributing to the classification	: Contains gas under pressure; may burst if heated.					
2.4. Unknown acute toxicity (GHS-US)						
No data available						
SECTION 3: Composition/information	n on ingredients					
3.1. Substances						
Not applicable						
Full text of H-phrases: see section 16						
3.2. Mixtures						
SECTION 4: First aid measures						
4.1. Description of first aid measures						
First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).					
First-aid measures after inhalation	 If inhaled, remove to fresh air. If not breathing give artificial respiration, preferably mouth-to- mouth. If breathing is difficult give oxygen. Get medical attention. 					
First-aid measures after skin contact	 Remove contaminated clothing. Wash material off of the skin with plenty of soap and water. If redness, itching, or a burning sensation develops, get medical attention. 					
First-aid measures after eye contact	 Move to fresh air. Flush eyes gently with water for at least 15 minutes while holding eyelids apart; Remove any contact lenses if present. Seek immediate medical attention. 					
First-aid measures after ingestion	 Do not give anything by mouth. Contact a physician, medical facility, or poison control center for advice about whether to induce vomiting. 					
4.2. Most important symptoms and effect						
Symptoms/injuries	 Not expected to present a significant hazard under anticipated conditions of normal use. 					
4.3. Indication of any immediate medical and No additional information available	attention and special treatment needed					
SECTION 5: Firefighting measures						
5.1. Extinguishing media						
Suitable extinguishing media	: BC powder. Foam. Carbon dioxide.					

CL121 Evaporator Odor Eliminator Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

according to Federal Register / Vol. 77, No. 58 / Monda	y, March 26, 2012 / Rules and Regulations				
5.2. Special hazards arising from the s	5.2. Special hazards arising from the substance 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.				
Protection during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.				
SECTION 6: Accidental release mea	asures				
6.1. Personal precautions, protective e	equipment and emergency procedures				
6.1.1. For non-emergency personnel					
Emergency procedures	: Evacuate unnecessary personnel.				
6.1.2. For emergency responders					
Protective equipment	: Equip cleanup crew with proper protection.				
Emergency procedures	: Ventilate area.				
6.2. Environmental precautions					
Prevent entry to sewers and public waters. Not	ify authorities if liquid enters sewers or public waters.				
6.3. Methods and material for containing	nent and cleaning up				
Methods for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.				
6.4. Reference to other sections					
See Heading 8. Exposure controls and persona	al protection.				
SECTION 7: Handling and storage					
7.1. Precautions for safe handling					
Precautions for safe handling	: Wash hands and other exposed areas with mild soap and water before eat, drink or smoke and when leaving work. Provide good ventilation in process area to prevent formation of vapor.				
7.2. Conditions for safe storage, include	ding any incompatibilities				
Storage conditions	: Do not store above 120°F. Avoid Extreme heat, open flames or sparks.				
Incompatible materials	: Strong oxidizers.				
7.3. Specific end use(s)					
No additional information available					
SECTION 8: Exposure controls/per	sonal protection				
8.1. Control parameters					
8.2. Exposure controls					
Personal protective equipment	: Avoid all unnecessary exposure.				
Hand protection	The use of gloves impervious to the specific material handled is advised to prevent skin contact. Suggested protective material: Nitrile, 4.5 mil thickness, tested at 3.5 ml and above with no breakthrough time after 240 minutes. Wear protective gloves.				
Eye protection	: Chemical goggles or safety glasses.				
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment.				
Other information	: When using, do not eat, drink or smoke.				
SECTION 9: Physical and chemical	properties				
9.1. Information on basic physical and					
Physical state	: Liquid.				
Appearance	: Clear-hazy liquid.				
Color	: Colorless.				
Odor : Citrus odor.					
Odor threshold					
рН	: 10.2 - 10.6				
Relative evaporation rate (butyl acetate=1)	: <1				
Melting point	: No data available				
Freezing point	: No data available				
Boiling point : > 93 °C					
Flash point	: No data available				
Self ignition temperature : No data available					
23/07/2013	EN (English US) 2/11				

CL121 Evaporator Odor Eliminator

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

Decomposition temperature	:	No data available
Flammability (solid, gas)	:	No data available
Vapor pressure	:	No data available
Relative vapor density at 20 °C	:	No data available
Relative density	:	No data available
Density	:	0.98 - 1 g/ml
Solubility	:	Soluble in water.
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
Oxidizing properties	:	No data available
Explosive limits	:	No data available
9.2. Other information		

VOC content

: 10.51 %

SECT	ION 10: Stability and reactivity				
10.1.	Reactivity				
No addi	No additional information available				
10.2.	Chemical stability				
Not esta	ablished.				
10.3.	Possibility of hazardous reactions				
Not esta	ablished.				
10.4.	10.4. Conditions to avoid				
Do not e	expose to heat or store at temperatures above 120°F.				
10.5.	Incompatible materials				
Strong oxidizers.					
10.6.	Hazardous decomposition products				
Carbon	monoxide. Carbon Dioxide.				

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity

: Not classified

diethyleneglycolmonoethyl ether (111-90-0)					
LD50 oral rat	5445 mg/kg (Rat)				
LD50 dermal rat	5940 mg/kg (Rat)				
LD50 dermal rabbit	> 5000 mg/kg (Rabbit)				
LC50 inhalation rat (mg/l)	> 5.2 mg/l/4h (Rat)				
Skin corrosion/irritation	: Not classified				
	pH: 10.2 - 10.6				
Serious eye damage/irritation	: Not classified				
	pH: 10.2 - 10.6				
Respiratory or skin sensitization	: Not classified				
Germ cell mutagenicity	: Based on available data, the classification criteria are not met				
Carcinogenicity	: Not classified				
Reproductive toxicity	: Based on available data, the classification criteria are not met				
Specific target organ toxicity (single exposure)	: Not classified				
Specific target organ toxicity (repeated exposure)	: Based on available data, the classification criteria are not met				
Aspiration hazard	: Based on available data, the classification criteria are not met				
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.				

CL121 Evaporator Odor Eliminator

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

SECTION 12: Ecological information

12.1. Toxicity

12.1. Toxicity				
diethyleneglycolmonoethyl ether (111-90-0)				
LC50 fish 1	12900 mg/l (96 h; Salmo gairdneri (Oncorhynchus mykiss); Flow-through system)			
EC50 Daphnia 1	3940 mg/l (48 h; Daphnia magna)			
EC50 other aquatic organisms 1	10661 mg/l (Echinoidea; GROWTH)			
LC50 fish 2	9650 mg/l (96 h; Pimephales promelas; Flow-through system)			
12.2. Persistence and degradability				
CL121 Evaporator Odor Eliminator				
Persistence and degradability	Not established.			
diethyleneglycolmonoethyl ether (111-90-0)				
Persistence and degradability	Readily biodegradable in water.			
Biochemical oxygen demand (BOD)	0.20 g O ² /g substance			
Chemical oxygen demand (COD)	1.85 g O ² /g substance			
ThOD	1.9078849 g O ² /g substance			
BOD (% of ThOD)	0.11 % ThOD			
12.3. Bioaccumulative potential				
CL121 Evaporator Odor Eliminator				
Bioaccumulative potential	Not established.			
diethyleneglycolmonoethyl ether (111-90-0)				
Log Pow	-1.190.08			
Bioaccumulative potential	Bioaccumulation: not applicable.			
12.4. Mobility in soil				
diethyleneglycolmonoethyl ether (111-90-0)				
Surface tension	0.032 N/m (25 °C)			
Surface tension 12.5. Other adverse effects	0.032 N/m (25 °C)			
	0.032 N/m (25 °C) Avoid release to the environment.			
12.5. Other adverse effects Other information	: Avoid release to the environment.			
12.5. Other adverse effects Dther information SECTION 13: Disposal consideration	: Avoid release to the environment.			
12.5. Other adverse effects Dther information SECTION 13: Disposal consideration 13.1. Waste treatment methods	: Avoid release to the environment.			
12.5. Other adverse effects Other information SECTION 13: Disposal consideratio 13.1. Waste treatment methods Waste disposal recommendations Vaste disposal recommendations	Avoid release to the environment.			
12.5. Other adverse effects Dther information SECTION 13: Disposal consideration 13.1. Waste treatment methods	: Avoid release to the environment.			
12.5. Other adverse effects Other information SECTION 13: Disposal consideratio 13.1. Waste treatment methods Waste disposal recommendations Vaste disposal recommendations	 Avoid release to the environment. ns Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment. 			
I2.5. Other adverse effects Dther information SECTION 13: Disposal consideration I3.1. Waste treatment methods Waste disposal recommendations Ecology - waste materials	 Avoid release to the environment. ns Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment. 			
I2.5. Other adverse effects Other information SECTION 13: Disposal consideration I3.1. Waste treatment methods Waste disposal recommendations Ecology - waste materials SECTION 14: Transport information	 Avoid release to the environment. ns Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment. 			
I2.5. Other adverse effects Other information SECTION 13: Disposal consideration I3.1. Waste treatment methods Waste disposal recommendations Ecology - waste materials SECTION 14: Transport information n accordance with ADR / RID / ADNR / IMDG /	 Avoid release to the environment. ns Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment. 			
I2.5. Other adverse effects Dther information SECTION 13: Disposal consideration I3.1. Waste treatment methods Vaste disposal recommendations Ecology - waste materials SECTION 14: Transport information n accordance with ADR / RID / ADNR / IMDG / I4.1. UN number JN-No.(DOT)	 Avoid release to the environment. ns Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment. 			
I2.5. Other adverse effects Dther information SECTION 13: Disposal consideration I3.1. Waste treatment methods Vaste disposal recommendations Ecology - waste materials SECTION 14: Transport information n accordance with ADR / RID / ADNR / IMDG / I4.1. UN number JN-No.(DOT)	 Avoid release to the environment. ns Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment. 			
12.5. Other adverse effects Other information SECTION 13: Disposal consideration 13.1. Waste treatment methods Waste disposal recommendations Ecology - waste materials SECTION 14: Transport information n accordance with ADR / RID / ADNR / IMDG / 14.1. UN number JN-No.(DOT) 14.2. UN proper shipping name	 Avoid release to the environment. ns Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment. 			
12.5. Other adverse effects Other information SECTION 13: Disposal consideration 13.1. Waste treatment methods Waste disposal recommendations Ecology - waste materials SECTION 14: Transport information n accordance with ADR / RID / ADNR / IMDG / 14.1. UN number JN-No.(DOT) 14.2. UN proper shipping name DOT Proper Shipping Name Department of Transportation (DOT) Hazard Classes	 Avoid release to the environment. ns Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment. ICAO / IATA 1950 Aerosols, LTD QTY 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115 			
12.5. Other adverse effects Other information SECTION 13: Disposal consideration 13.1. Waste treatment methods Waste disposal recommendations Ecology - waste materials SECTION 14: Transport information n accordance with ADR / RID / ADNR / IMDG / 14.1. UN number JN-No.(DOT) 14.2. UN proper shipping name DOT Proper Shipping Name Department of Transportation (DOT) Hazard	 Avoid release to the environment. ns Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment. ICAO / IATA 1950 Aerosols, LTD QTY 			
12.5. Other adverse effects Other information SECTION 13: Disposal consideration 13.1. Waste treatment methods Waste disposal recommendations Ecology - waste materials SECTION 14: Transport information n accordance with ADR / RID / ADNR / IMDG / 14.1. UN number JN-No.(DOT) 14.2. UN proper shipping name DOT Proper Shipping Name Department of Transportation (DOT) Hazard Classes	 Avoid release to the environment. ns Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment. ICAO / IATA 1950 Aerosols, LTD QTY 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115 			
12.5. Other adverse effects Other information SECTION 13: Disposal consideration 13.1. Waste treatment methods Waste disposal recommendations Ecology - waste materials SECTION 14: Transport information n accordance with ADR / RID / ADNR / IMDG / 14.1. UN number JN-No.(DOT) 14.2. UN proper shipping name DOT Proper Shipping Name Department of Transportation (DOT) Hazard Classes	 Avoid release to the environment. ns Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment. ICAO / IATA 1950 Aerosols, LTD QTY 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115 			
12.5. Other adverse effects Other information SECTION 13: Disposal consideration 13.1. Waste treatment methods Waste disposal recommendations Ecology - waste materials SECTION 14: Transport information n accordance with ADR / RID / ADNR / IMDG / 14.1. UN number JN-No.(DOT) 14.2. UN proper shipping name DOT Proper Shipping Name Department of Transportation (DOT) Hazard Classes	 Avoid release to the environment. ns Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment. ICAO / IATA 1950 Aerosols, LTD QTY 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115 			
12.5. Other adverse effects Other information SECTION 13: Disposal consideration 13.1. Waste treatment methods Waste disposal recommendations Ecology - waste materials SECTION 14: Transport information n accordance with ADR / RID / ADNR / IMDG / 14.1. UN number JN-No.(DOT) 14.2. UN proper shipping name DOT Proper Shipping Name Department of Transportation (DOT) Hazard Classes	 Avoid release to the environment. ns Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment. ICAO / IATA 1950 Aerosols, LTD QTY 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115 			
12.5. Other adverse effects Other information SECTION 13: Disposal consideration 13.1. Waste treatment methods Waste disposal recommendations Ecology - waste materials SECTION 14: Transport information n accordance with ADR / RID / ADNR / IMDG / 14.1. UN number JN-No.(DOT) 14.2. UN proper shipping name DOT Proper Shipping Name Department of Transportation (DOT) Hazard Classes	 Avoid release to the environment. ns Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment. ICAO / IATA 1950 Aerosols, LTD QTY 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115 			
12.5. Other adverse effects Dther information SECTION 13: Disposal consideration 13.1. Waste treatment methods Waste disposal recommendations Ecology - waste materials SECTION 14: Transport information n accordance with ADR / RID / ADNR / IMDG / 14.1. UN number JN-No.(DOT) 14.2. UN proper shipping name Department of Transportation (DOT) Hazard Classes Hazard labels (DOT)	 Avoid release to the environment. ns Dispose in a safe manner in accordance with local/national regulations. Avoid release to the environment. ICAO / IATA 1950 Aerosols, LTD QTY 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115 			
12.5. Other adverse effects Dther information SECTION 13: Disposal consideration 13.1. Waste treatment methods Waste disposal recommendations Ecology - waste materials SECTION 14: Transport information n accordance with ADR / RID / ADNR / IMDG / 14.1. UN number JN-No.(DOT) 14.2. UN proper shipping name Dopartment of Transportation (DOT) Hazard Classes Hazard labels (DOT) 14.3. Additional information Dther information	 Avoid release to the environment. IDispose in a safe manner in accordance with local/national regulations. Avoid release to the environment. ICAO / IATA 1950 Aerosols, LTD QTY 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115 Limited Quantity 			
12.5. Other adverse effects Dther information SECTION 13: Disposal consideration 13.1. Waste treatment methods Waste disposal recommendations Ecology - waste materials SECTION 14: Transport information n accordance with ADR / RID / ADNR / IMDG / 14.1. UN number JN-No.(DOT) 14.2. UN proper shipping name DOT Proper Shipping Name Department of Transportation (DOT) Hazard Classes Hazard labels (DOT) 14.3. Additional information Dther information Dther information	 Avoid release to the environment. IDispose in a safe manner in accordance with local/national regulations. Avoid release to the environment. ICAO / IATA 1950 Aerosols, LTD QTY 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115 Limited Quantity 			
12.5. Other adverse effects Dther information SECTION 13: Disposal consideration 13.1. Waste treatment methods Waste disposal recommendations Ecology - waste materials SECTION 14: Transport information n accordance with ADR / RID / ADNR / IMDG / 14.1. UN number JN-No.(DOT) 14.2. UN proper shipping name Dopartment of Transportation (DOT) Hazard Classes Hazard labels (DOT) 14.3. Additional information Dther information	 Avoid release to the environment. IDispose in a safe manner in accordance with local/national regulations. Avoid release to the environment. ICAO / IATA 1950 Aerosols, LTD QTY 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115 Limited Quantity 			
12.5. Other adverse effects Dther information SECTION 13: Disposal consideration 13.1. Waste treatment methods Waste disposal recommendations Ecology - waste materials SECTION 14: Transport information n accordance with ADR / RID / ADNR / IMDG / 14.1. UN number JN-No.(DOT) 14.2. UN proper shipping name DOT Proper Shipping Name Department of Transportation (DOT) Hazard Classes Hazard labels (DOT) 14.3. Additional information Other information Dyserland transport	 Avoid release to the environment. IDispose in a safe manner in accordance with local/national regulations. Avoid release to the environment. ICAO / IATA 1950 Aerosols, LTD QTY 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115 Limited Quantity 			

CL121 Evaporator Odor Eliminator

Safety Data Sheet

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

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. US Federal regulations

No additional information available

15.2. International regulations

CANADA

No additional information available

EU-Regulations

No additional information available

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

No additional information available

Classification according to Directive 67/548/EEC or 1999/45/EC Not classified

15.2.2. National regulations

No additional information available

15.3. US State regulations

No additional information available

SECTION 16: Other information

NFPA health hazard NFPA fire hazard NFPA reactivity	 : 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given. : 1 - Must be preheated before ignition can occur. : 0 - Normally stable, even under fire exposure conditions, and are not reactive with water
	and are not reactive with water.

HMIS III Rating

Health	:	1 Slight Hazard - Irritation or minor reversible injury possible
Flammability	:	1 Slight Hazard
Physical	:	0 Minimal Hazard

SDS US (GHS HazCom 2012) - TSI

This information is furnished without warranty, expressed or implied, except that is accurate to the best knowledge of Tire Seal, Inc. The data on this sheet related only to the specific material designed herein. Tire Seal, Inc. assumes no legal responsibility for the use or reliance upon these data.

Safety Data Sheet according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision date: 12/22/2014 Supersedes:08/27/2014

Revision date: 12/22/2014	Supersedes:08/27/2014 Version: 2
SECTION 1: Identification of the	substance/mixture and of the company/undertaking
1.1. Product identifier	substance/mixture and of the company/undertaking
Product form	: Mixture
Trade name	: MN141 Odor Buster New Car Scent
Product code	: MN141
1.2. Relevant identified uses of the	substance or mixture and uses advised against
Use of the substance/mixture	: Automotive interior odor neutralizer.
1.3. Details of the supplier of the sa	iety data sheet
Tire Seal, Inc.	
3574 Corona Street	
33461 Lake Worth, Florida - USA T 561-582-2245 - F 561-582-1499	
www.supercool.ac	
1.4. Emergency telephone number	
Emergency number	: USA PHONE:1-800-373-7542, INT'L: 1-484-951-2432
	DGA/AAG ENVIRONMENTAL CONTRACT: DGA4000-048
SECTION 2: Hazards identification	n
2.1. Classification of the substance	or mixture
Classification (GHS-US)	
Flam. Liq. 2 H225	
Carc. 1A H350	
Full text of H-phrases: see section 16	
2.2. Label elements	
GHS-US labeling	
	GHS02 GHS08
Signal word (GHS-US)	: Danger
Hazard statements (GHS-US)	: H225 - Highly flammable liquid and vapor H350 - May cause cancer
Precautionary statements (GHS-US)	 P201 - Obtain special instructions before use P202 - Do not handle until all safety precautions have been read and understood P210 - Keep away from heat/sparks/open flames/hot surfaces No smoking P233 - Keep container tightly closed P240 - Ground/bond container and receiving equipment P241 - Use explosion-proof electrical/ventilating/lighting equipment P242 - Use only non-sparking tools P243 - Take precautionary measures against static discharge P280 - Wear protective gloves/protective clothing/eye protection/face protection P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower P308+P313 - If exposed or concerned: Get medical advice/attention P370+P378 - In case of fire: Use Foam, Dry powder, Carbon dioxide, to extinguish P403 + P235 - Store in a well-ventilated place. Keep cool P405 - Store locked up P501 - Dispose of contents / container in accordance with local / regional / national / international regulations.
2.3. Other hazards	
Other hazards not contributing to the classification	: Contains gas under pressure; may burst if heated.
2.4. Unknown acute toxicity (GHS-U	S)
No data available	
SECTION 3: Composition/information	ation on ingredients
3.1. Substance	
Not applicable	
Full text of H phrases: see section 16	

Full text of H-phrases: see section 16

22/12/2014

Safety Data Sheet

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

3.2.	Mixture						
Name			Product identifier	%	Classification (GHS-US)		
ethanol			(CAS No) 64-17-5	60 - 100	Flam. Liq. 2, H225 Carc. 1A, H350		
SECT	ION 4: First aid measures						
4.1.	Description of first aid measures						
First-aid	I measures general		er give anything by mouth to an un e (show the label where possible)		you feel unwell, seek medical		
First-aid	I measures after inhalation		ove the victim into fresh air. Apply cal advice.	artificial respiration i	f necessary. If you feel unwell, seek		
First-aid	I measures after skin contact	sens	: Wash material off of the skin with plenty of soap and water. If redness, itching, or a burning sensation develops, get medical attention. Wash contaminated clothing before reuse. Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing.				
First-aid	I measures after eye contact		Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persist.				
First-aid	I measures after ingestion	: Do n	ot induce vomiting. Get immediate	e medical attention.			
4.2.	Most important symptoms and effect	cts, both	acute and delayed				
Sympton	ms/injuries	: Not e	expected to present a significant h	azard under anticipat	ted conditions of normal use.		
4.3.	Indication of any immediate medica	attentio	on and special treatment needed	1			
No addi	tional information available						
SECT	ON 5: Firefighting measures						
5.1.	Extinguishing media						
Suitable	extinguishing media	: Foan	n. Dry powder. Carbon dioxide.				
5.2.	Special hazards arising from the su	bstance	or mixture				
No addi	tional information available						
5.3.	Advice for firefighters						
Firefight	ting instructions		water spray or fog for cooling expo nical fire.	osed containers. Exe	rcise caution when fighting any		
	on during firefighting		ot enter fire area without proper p	rotective equipment,	including respiratory protection.		
SECT	ON 6: Accidental release mea	sures					
6.1.	Personal precautions, protective eq	luipment	and emergency procedures				
6.1.1.	For non-emergency personnel						
Emerge	ncy procedures	: Evac	uate unnecessary personnel.				
6.1.2.	For emergency responders						
Protectiv	ve equipment	: Equi	o cleanup crew with proper protec	tion.			
Emerge	ncy procedures	: Vent	ilate area.				
6.2.	Environmental precautions						
Prevent	entry to sewers and public waters. Notif	y authorit	ies if liquid enters sewers or public	c waters.			
6.3.	Methods and material for containme	ent and c	leaning up				
Methods	s for cleaning up	: Soak spilla		s clay or diatomaceou	us earth as soon as possible. Collec		
6.4.	Reference to other sections						
See Hea	ading 8. Exposure controls and personal	protectio	n.				
SECT	ON 7: Handling and storage						
7.1.	Precautions for safe handling						
Addition	al hazards when processed	: Pres	surized container: Do not pierce o	r burn, even after use	Э.		
D		•					

Safety Data Sheet

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

7.2.	Conditions for safe storage, including any incompatibilities		
Storag	e conditions	: Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container. Do not store in direct sunlight. Store in a cool, dry, well-ventilated area away from incompatible materials. Store in accordance with NFPA 30B for Level 1 Aerosols.	
Incomp	patible materials	: Strong oxidizers.	
Storag	e temperature	: < 48 °C Do not store in passenger compartment of automobile.	
7.3.	Specific end use(s)		

No additional information available

SECTION 8: Exposure controls/personal protection

SECTION 9: Physical and chemical properties

8.1. Control parameters

2-propanol (67-63-0)				
USA ACGIH ACGIH TWA (ppm)		200 ppm		
USA ACGIH	ACGIH STEL (ppm)	200 ppm		
8.2. Exposure controls				
Personal protective equipment : Avoid all unnecessary exposure.				
Hand protection : The use of gloves impervious to the specific material handled is advised to prevent skin contact. Suggested protective material: Nitrile, 4.5 mil thickness, tested at 3.5 ml and above with no breakthrough time after 240 minutes. Wear protective gloves.				
Eye protection	: Chemical goggles or safety glasses.			
Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. Wear appropriate ma				
Other information : Do not eat, drink or smoke during use.				

9.1. Information on basic physical and chemical properties		
Physical state : Liquid		

No additional information available

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

10.2.				
10.2.	Chemical stability			
Product i	Product is stable.			
10.3.	Possibility of hazardous reactions			
Not established.				
10.4.	Conditions to avoid			
Do not expose to heat or store at temperatures above 120°F. Heat. Open flame. Sparks.				
10.5.	Incompatible materials			
Avoid contact with strong oxidizers.				
10.6.	Hazardous decomposition products			
Carbon monoxide. Carbon Dioxide.				
SECTI	ON 11: Toxicological information			

Information on toxicological effects 11.1.

Acute toxicity

: Not classified

2-propanol (67-63-0)	
LD50 oral rat	5045 mg/kg (Rat; OECD 401: Acute Oral Toxicity; Experimental value; 5840 mg/kg bodyweight; Rat)
LD50 dermal rabbit	12870 mg/kg (Rabbit; Experimental value; Equivalent or similar to OECD 402; 16.4; Rabbit)
LC50 inhalation rat (mg/l)	73 mg/l/4h (Rat)
ATE CLP (oral)	5045.000 mg/kg body weight
ATE CLP (dermal)	12870.000 mg/kg body weight
ATE CLP (vapors)	73.000 mg/l/4h
ATE CLP (dust, mist)	73.000 mg/l/4h
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Based on available data, the classification criteria are not met
Carcinogenicity	: May cause cancer.
2-propanol (67-63-0)	
IARC group	3
Reproductive toxicity	: Based on available data, the classification criteria are not met
Specific target organ toxicity (single exposure)	: Not classified
Specific target organ toxicity (repeated exposure)	: Based on available data, the classification criteria are not met
Aspiration hazard	: Based on available data, the classification criteria are not met
Potential Adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.

12.1	 Tox	icity

2-propanol (67-63-0)			
LC50 fish 1	4200 mg/l (96 h; Rasbora heteromorpha; Flow-through system)		
EC50 Daphnia 1	> 10000 mg/l (48 h; Daphnia magna)		
LC50 fish 2	9640 mg/l (96 h; Pimephales promelas; Lethal)		
EC50 Daphnia 2	13299 mg/l (48 h; Daphnia magna)		
Threshold limit algae 1	> 1000 mg/l (72 h; Scenedesmus subspicatus; Growth rate)		
Threshold limit algae 2	1800 mg/l (72 h; Algae; Cell numbers)		
12.2. Persistence and degradability			
MN141 Odor Buster New Car Scent			
Persistence and degradability	Not established.		
2-propanol (67-63-0)			
Persistence and degradability	Readily biodegradable in water. Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. No (test)data on mobility of the substance available.		
Biochemical oxygen demand (BOD)	1.19 g O 2 /g substance		
Chemical oxygen demand (COD)	2.23 g O 2 /g substance		
ThOD	2.40 g O 2 /g substance		

Safety Data Sheet

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

2-propanol (67-63-0)	
BOD (% of ThOD)	0.49 % ThOD
12.3. Bioaccumulative potential	
MN141 Odor Buster New Car Scent	
Bioaccumulative potential	Not established.
2-propanol (67-63-0)	
Log Pow	0.05 (Experimental value)
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).
12.4. Mobility in soil	
2-propanol (67-63-0)	
Surface tension	0.021 N/m (25 °C)
	0.02114/11 (2010)
12.5. Other adverse effects	
Other information	: Avoid release to the environment.
SECTION 13: Disposal consideratio	ons
13.1. Waste treatment methods	
Waste disposal recommendations	: Dispose in a safe manner in accordance with local/national regulations.
	-
SECTION 14: Transport information	
In accordance with ADR / RID / IMDG / IATA / A	AUN
14.1. UN number	
UN-No.(DOT)	: 1950
14.2. UN proper shipping name	
Proper Shipping Name (DOT)	: Aerosols, LTD QTY
Department of Transportation (DOT) Hazard Classes	: 2.1 - Class 2.1 - Flammable gas 49 CFR 173.115
Hazard labels (DOT)	: Limited Quantity
14.3. Additional information	
Other information	: No supplementary information available.
Overland transport No additional information available Transport by sea No additional information available Air transport No additional information available	
SECTION 15: Regulatory informatio	on
15.1. US Federal regulations	
No additional information available	
15.2 International regulations	
15.2. International regulations	
CANADA	
MN141 Odor Buster New Car Scent	
WHMIS Classification	Class B Division 1 - Flammable Gas

No additional information available

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

Flam. Liq. 2 H225

Safety Data Sheet

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

Full text of H-phrases: see section 16

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

15.2.2. National regulations

MN141 Odor Buster New Car Scent

All components of this product are listed or are not regulated U.S. Toxic Substance Control Act (TSCA) Chemical Substance Inventory.

15.3. US State regulations

MN141 Odor Buster New Car Scent()				
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		
2-propanol (67-63-0)				
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 significance risk level (NSRL)

SECTION 16: Other information

No

Other information

No

: None.

No

Full text of H-phrases: see section 16:

Carc. 1A	Carcinogenicity Category 1A
Flam. Liq. 2	Flammable liquids Category 2
H225	Highly flammable liquid and vapor
H350	May cause cancer

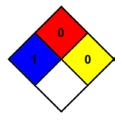
No

NFPA health hazard

: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.

NFPA fire hazard NFPA reactivity : 0 - Materials that will not burn.

: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



SDS US (GHS HazCom 2012) - TSI

This information is furnished without warranty, expressed or implied, except that is accurate to the best knowledge of Tire Seal, Inc. The data on this sheet related only to the specific material designed herein. Tire Seal, Inc. assumes no legal responsibility for the use or reliance upon these data.