

SAFETY DATA SHEET

Z85 PERFO

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

1. Identification	
Product identifier	
Product name	Z85 PERFO
Product number	PF010075
Recommended use of the cher	nical and restrictions on use
Application	Fuel.
Uses advised against	Use only for intended applications.
Details of the supplier of the sa	fety data sheet
Supplier	Haltermann Carless US Inc. 6000 Fairview Road – Suite 1200 Charlotte 28210, NC – USA Tel : +1 (248) 422 6548 FDS@h-c-s-group.com
Contact Person	FDS@h-c-s-group.com
Manufacturer	Haltermann Carless France S.A.S Zone d'Activities de la Baudriere no 1 27520 BOURGTHEROULDE - INFREVILLE FRANCE +33(0)232131450 +33(0)232131451 FDS@h-c-s-group.com
Emergency telephone number	
Emergency telephone	24/7 Worldwide Emergency Telephone: CHEMTREC on +1-703-527-3887 / +1-800-424- 9300.
National emergency telephone number	24/7 Worldwide Emergency Telephone Number for Hazardous Materials Incident, Spill, Leak, Fire, Exposure or Accident: CHEMTREC on +1 703-741-5970 / +1-800-424-9300.
2. Hazard(s) identification	
Classification of the substance	or mixture
Physical hazards	Flam. Liq. 2 - H225
Health hazards	Eye Irrit. 2A - H319 Muta. 2 - H341 Carc. 1B - H350
Environmental hazards	Not Classified
Label elements	

Hazard s	symbols
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Signal word	Danger
Hazard statements	H225 Highly flammable liquid and vapor. H319 Causes serious eye irritation. H341 Suspected of causing genetic defects. H350 May cause cancer.
Precautionary statements	 P210 Keep away from heat, sparks, open flames and hot surfaces. No smoking. P243 Take precautionary measures against static discharge. P273 Avoid release to the environment. P280 Wear protective gloves/ protective clothing/ eye protection/ face protection. P370+P378 In case of fire: Use alcohol resistant foam, carbon dioxide or dry powder to extinguish. P501 Dispose of contents/ container in accordance with national regulations.
Contains	Isoprene Stabilised, Proprietary
Other hazards	
Hazards not otherwise classified (HNOC)	Risk of explosion if heated under confinement.

3. Composition/information on ingredients

Mixtures

Ethanol	>60-<90%
CAS number: 64-17-5	
Classification Flam. Liq. 2 - H225 Eye Irrit. 2A - H319	
Isoprene Stabilised	>5-<20%
CAS number: 78-79-5	
Classification Flam. Liq. 1 - H224 Muta. 2 - H341 Carc. 1B - H350 Aquatic Chronic 3 - H412	
Proprietary CAS number: Proprietary	>5-<20%

Classification Flam. Liq. 2 - H225 Eye Irrit. 2A - H319 Carc. 2 - H351 STOT SE 3 - H335

The full text for all hazard statements is displayed in Section 16.

4. First-aid measures	
Description of first aid measure	95
General information	Remove affected person from source of contamination. Place unconscious person on their side in the recovery position and ensure breathing can take place.
Inhalation	Remove affected person from source of contamination. Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.
Ingestion	Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Skin Contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
Eye contact	Rinse immediately with plenty of water. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.
Most important symptoms and	effects, both acute and delayed
Inhalation	Vapors in high concentrations are anesthetic. Symptoms following overexposure may include the following: Headache. Fatigue. Dizziness. Central nervous system depression.
Ingestion	Aspiration hazard if swallowed. Entry into the lungs following ingestion or vomiting may cause chemical pneumonitis.
Skin contact	Skin irritation. Prolonged contact may cause redness, irritation and dry skin.
Eye contact	No specific symptoms known.
Indication of immediate medica	al attention and special treatment needed
Notes for the doctor	Treat symptomatically.
5. Fire-fighting measures	
Extinguishing media	
Suitable extinguishing media	Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog.
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Special hazards arising from th	ne substance or mixture
Specific hazards	Vapors are heavier than air and may spread near ground and travel a considerable distance to a source of ignition and flash back. Vapors may form explosive mixtures with air. Containers can burst violently or explode when heated, due to excessive pressure build-up.
Hazardous combustion products	Thermal decomposition or combustion products may include the following substances: Oxides of carbon.
Advice for firefighters	
Protective actions during firefighting	Avoid breathing fire gases or vapors. Use water to keep fire exposed containers cool and disperse vapors. Control run-off water by containing and keeping it out of sewers and watercourses.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.
6. Accidental release measure	s

Personal precautions, protective equipment and emergency procedures

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Personal precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Use suitable respiratory protection if ventilation is inadequate. No smoking, sparks, flames or other sources of ignition near spillage. Avoid inhalation of vapors and contact with skin and eyes. Provide adequate ventilation. Take precautionary measures against static discharges.
Environmental precautions	
Environmental precautions	Do not discharge into drains or watercourses or onto the ground. Avoid the spillage or runoff entering drains, sewers or watercourses.
Methods and material for conta	inment and cleaning up
Methods for cleaning up	Stop leak if safe to do so. Eliminate all sources of ignition. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots, clothing or apron, as appropriate. Absorb in vermiculite, dry sand or earth and place into containers. Collect and place in suitable waste disposal containers and seal securely.
Reference to other sections	For personal protection, see Section 8. For waste disposal, see Section 13.
7. Handling and storage	
Precautions for safe handling	
Usage precautions	Do not use in confined spaces without adequate ventilation and/or respirator. Eliminate all sources of ignition. Keep away from heat, sparks and open flame. Avoid spilling. Avoid inhalation of vapors/spray and contact with skin and eyes. Static electricity and formation of sparks must be prevented. Storage tanks and other containers must be grounded.
Conditions for safe storage, inc	luding any incompatibilities
Storage precautions	Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Store in a demarcated bunded area to prevent release to drains and/or watercourses. Risk of explosion if heated under confinement.
Storage class	Flammable liquid storage.
Specific end uses(s)	
Specific end use(s)	The identified uses for this product are detailed in Section 1.
8. Exposure controls/Personal	protection
Control parameters	
Occupational exposure limits Ethanol	
Short-term exposure limit (15-n A3 Long-term exposure limit (8-ho	ninute): ACGIH 1000 ppm ur TWA): OSHA 1000 ppm 1900 mg/m³
Proprietary	
Long-term exposure limit (8-ho	ur TWA): ACGIH 20 ppm
Long-term exposure limit (8-ho Sk	ur TWA): OSHA 100 ppm 360 mg/m³
ACGIH = American Conference A3 = Confirmed Animal Carcino OSHA = Occupational Safety a Sk = Danger of cutaneous abso	e of Governmental Industrial Hygienists. ogen with Unknown Relevance to Humans. nd Health Administration. orption.

Exposure controls

Protective equipment

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Appropriate engineering controls	Provide adequate general and local exhaust ventilation. This product must not be handled in a confined space without adequate ventilation.
Eye/face protection	The following protection should be worn: Chemical splash goggles. Personal protective equipment for eye and face protection should comply with OSHA 1910.133.
Hand protection	The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material. To protect hands from chemicals, gloves should comply with OSHA 1910.138 and be demonstrated to be impervious to the chemical and resist degradation.
Other skin and body protection	Wear suitable protective clothing as protection against splashing or contamination.
Hygiene measures	Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly with soap and water if skin becomes contaminated. Do not smoke in work area. When using do not eat, drink or smoke.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn. Half mask and quarter mask respirators with replaceable filter cartridges should comply with OSHA 1910.134. Wear a respirator fitted with the following cartridge: Gas filter, type AX.
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels. Store in a demarcated bunded area to prevent release to drains and/or watercourses.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Liquid.
Color	Colorless. to Pale pink.
Odor	Characteristic.
Odor threshold	Not available.
рН	Not available.
Melting point	Not available.
Initial boiling point and range	38.3 - 100°C (ASTM D86)
Flash point	<-30°C Not specified. (Abel, IP170)
Evaporation rate	Not available.
Evaporation factor	Not available.
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or explosive limits	Not available.
Vapor pressure	37.8 kPa @ 50.0°C (ASTM D5191)
Relative density	0.804

Solubility(ies)	Not avail	able.
Partition coefficient	Not avail	able.
Auto-ignition temperature	Not avail	able.
Decomposition Temperature	Not avail	able.
Viscosity	Kinemati	c viscosity ≤ 20.5 mm²/s.
Other information	None.	
10. Stability and reactivity		
Reactivity	The follo	wing materials may react with the product: Strong oxidizing agents.
Stability	Stable at condition	normal ambient temperatures and when used as recommended. Avoid the following s: Heat, sparks, flames.
Possibility of hazardous reactions	Will not p	oolymerize. Risk of explosion if heated under confinement.
Conditions to avoid	Avoid he	at, flames and other sources of ignition.
Materials to avoid	Strong o	xidizing agents.
Hazardous decomposition products	Heating	may generate the following products: Oxides of carbon.
11. Toxicological information		
Information on toxicological ef	fects	
Toxicological effects	Informati	on given is based on data of the components and of similar products.
Serious eye damage/irritation Serious eye damage/irritation	Causes e	eye irritation.
Germ cell mutagenicity Genotoxicity - in vitro	Known o	r suspected mutagen.
Carcinogenicity Carcinogenicity	Contains	a substance which may be potentially carcinogenic.
Toxicological information on ir	gredients.	
		Ethanol
Acute toxicity - o	ral	
Notes (oral LD₅o)		LD₅₀ 10470 mg/kg, Oral, Rat (OECD 401) Based on available data the classification criteria are not met.
Acute toxicity - d	ermal	
Notes (dermal LI	D50)	Based on available data the classification criteria are not met. Read-across data. LD₅₀ 17100 mg/kg, bw, Dermal, Rabbit
Acute toxicity - ir	halation	
Notes (inhalatior	LC50)	Based on available data the classification criteria are not met. LC_{50} 117-125 mg/l, Inhalation, Rat (OECD 403)

Skin corrosion/irritation	
Skin corrosion/irritation	Not irritating.
Animal data	Erythema/eschar score: No erythema (0).
Serious eye damage/irritatio	on
Serious eye damage/irritation	Causes serious eye irritation.
Skin sensitization	
Skin sensitization	Guinea pig maximization test (GPMT) - Guinea pig: Not sensitizing. (OECD 406)
Germ cell mutagenicity	
Genotoxicity - in vitro	Gene mutation:: Negative. (Method equivalent or similar to OECD 471)
Genotoxicity - in vivo	Chromosome aberration: Negative. (OECD 478)
Carcinogenicity	
Carcinogenicity	NOAEL >3000 mg/kg, Oral, Rat Conclusive data but not sufficient for classification.
IARC carcinogenicity	IARC Group 1 Carcinogenic to humans.
Reproductive toxicity	
Reproductive toxicity - fertility	Based on available data the classification criteria are not met. (OECD 416)
Reproductive toxicity - development	This substance has no evidence of toxicity to reproduction.
Specific target organ toxicit	y - repeated exposure
STOT - repeated exposure	NOAEL 1730 mg/kg, Oral, Rat
Target organs	Gastro-intestinal tract Liver
Skin Contact	No specific health hazards known. Not a skin sensitizer.
Eye contact	Irritating to eyes.
Route of exposure	Inhalation Ingestion.
	Isoprene Stabilised
Toxicological effects	The toxicity of this substance has been assessed during REACH registration.
Acute toxicity - oral	
Notes (oral LD₅₀)	LD₅₀ 2125 mg/kg, bw, Oral, Rat
Acute toxicity - dermal	
Notes (dermal LD₅₀)	LD₅₀ >2000 mg/kg, Dermal, Rat (OECD 402)
Acute toxicity - inhalation	
Notes (inhalation LC₅₀)	LC₅₀ 214000 mg/m³, Air, Inhalation, Mouse
Skin corrosion/irritation	
Animal data	Slightly irritating.
Serious eye damage/irritatio	n

Serious eye damage/irritation	May cause eye irritation.
Skin sensitization	
Skin sensitization	Read-across data. Guinea pig maximization test (GPMT) - Guinea pig: Not sensitizing. (OECD 406)
Germ cell mutagenicity	
Genotoxicity - in vitro	Known or suspected mutagen.
Genotoxicity - in vivo	Known or suspected mutagen.
Carcinogenicity	
Carcinogenicity	Suspected carcinogen based on limited evidence.
IARC carcinogenicity	IARC Group 2B Possibly carcinogenic to humans.
NTP carcinogenicity	Reasonably anticipated to be a human carcinogen.
Reproductive toxicity	
Reproductive toxicity - fertility	No evidence of reproductive toxicity in animal studies.
Reproductive toxicity - development	No evidence of reproductive toxicity in animal studies.
Specific target organ toxicit	y - repeated exposure
STOT - repeated exposure	Not classified as a specific target organ toxicant after repeated exposure.
	Proprietary
Acute toxicity - oral	Proprietary
<u>Acute toxicity - oral</u> Notes (oral LD₅₀)	Proprietary Based on available data the classification criteria are not met.
<u>Acute toxicity - oral</u> Notes (oral LD₅o) Acute toxicity - dermal	Proprietary Based on available data the classification criteria are not met.
Acute toxicity - oral Notes (oral LD₅o) Acute toxicity - dermal Notes (dermal LD₅o)	Proprietary Based on available data the classification criteria are not met. Based on available data the classification criteria are not met.
Acute toxicity - oral Notes (oral LD ₅₀) Acute toxicity - dermal Notes (dermal LD ₅₀) Acute toxicity - inhalation	Proprietary Based on available data the classification criteria are not met. Based on available data the classification criteria are not met.
Acute toxicity - oral Notes (oral LD ₅₀) Acute toxicity - dermal Notes (dermal LD ₅₀) Acute toxicity - inhalation Notes (inhalation LC ₅₀)	Proprietary Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. Based on available data the classification criteria are not met.
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Acute toxicity - oral Notes (oral LD ₅₀) Acute toxicity - dermal Notes (dermal LD ₅₀) Acute toxicity - inhalation Notes (inhalation LC ₅₀) Skin corrosion/irritation Skin corrosion/irritation Serious eye damage/irritation Serious eye damage/irritation Respiratory sensitization Respiratory sensitization	Proprietary Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. Data Data Data Data Data Data Data Da
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Acute toxicity - oral Notes (oral LD ₅₀) Acute toxicity - dermal Notes (dermal LD ₅₀) Acute toxicity - inhalation Notes (inhalation LC ₅₀) Skin corrosion/irritation Skin corrosion/irritation Skin corrosion/irritation Serious eye damage/irritation Serious eye damage/irritation Respiratory sensitization Respiratory sensitization Germ cell mutagenicity Genotoxicity - in vitro	Proprietary Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. D Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. Based on available data the classification criteria are not met. Based on available data the classification criteria are not met.
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	NTP carcinogenicity	Reasonably anticipated to be a human carcinogen	
	Reproductive toxicity		
	Reproductive toxicity -	Based on available data the classification criteria are not met.	
	Specific target organ toxicity - single exposure		
	STOT - single exposure	May cause respiratory system irritation.	
	Specific target organ toxicit	y - repeated exposure	
	STOT - repeated exposure	Based on available data the classification criteria are not met.	
	Aspiration hazard		
	Aspiration hazard	Based on available data the classification criteria are not met.	
12. Ecologic	al information		
Ecotoxicity	The proc	luct components are not classified as environmentally bazardous	
Ecological in	formation on ingradianta		
	normation on ingredients.		
		Ethanoi	
	Ecotoxicity	The product is not expected to be hazardous to the environment.	
		Isoprene Stabilised	
	Ecotoxicity	Dangerous for the environment if discharged into watercourses.	
		Proprietary	
	Ecotoxicity	Not regarded as dangerous for the environment.	
Ecological in	nformation on ingredients.		
		Ethanol	
	Acute aquatic toxicity		
	Acute toxicity - fish	LC50, 24 hours: 11200 mg/l, Freshwater fish	
	Acute toxicity - aquatic invertebrates	EC₅₀, 48 hours: 5012 mg/l, Freshwater invertebrates EC₅₀, 24 hours: 857 mg/l, Marinewater invertebrates	
	Acute toxicity - aquatic plants	EC₅₀, 72 hours: 275 mg/l, Freshwater plants EC₅₀, 96 hours: 14100 mg/l, Marinewater algae	
	Acute toxicity - microorganisms	EC₅₀, 4 hours: 5800 mg/l, Pseudomonas putida	
	Acute toxicity - terrestrial	LC₅₀, 48 hours: 0.1 - 1 mg/cm², Eisenia Fetida (Earthworm)	
	Chronic aquatic toxicity		
	Chronic toxicity - fish early life stage	NOEC, >4 days: 250 mg/l, Freshwater fish	
	Chronic toxicity - aquatic invertebrates	NOEC, 10 days: 9.6 mg/l, Freshwater invertebrates NOEC, 10 days: 79 mg/l, Marinewater invertebrates	

Isoprene Stabilised

	Acute aquatic toxicity	
	Acute toxicity - fish	LC_{50} , 96 hours: 7.43 mg/l, Oncorhynchus mykiss (Rainbow trout)
	Acute toxicity - aquatic invertebrates	EC₅₀, 48 hours: 5.77 mg/l, Daphnia magna
	Acute toxicity - aquatic plants	EbC50, 72 hours: >35.2 mg/l, Pseudokirchneriella subcapitata
	Chronic aquatic toxicity	
	Chronic toxicity - fish early life stage	Calculation method., 30 days: 1.76 mg/l, Fish
		Proprietary
	Acute aquatic toxicity	
	Acute toxicity - fish	LC ₈₀ , 96 hours: >6700 mg/l, Menidia peninsulae (Tidewater silverside)
	Chronic aquatic toxicity	
	Chronic toxicity - aquatic invertebrates	NOEC, : 1000 mg/l, Daphnia magna
Persistence	and degradability	
Ecological ir	nformation on ingredients.	
		Ethanol
	Persistence and degradability	The product is readily biodegradable.
	Phototransformation	Air - Half-life 100%: 38 hours
	Biodegradation	Water - Degradation (%) 60: > 5 days The substance is readily biodegradable.
		Isoprene Stabilised
	Persistence and degradability	Inherently biodegradable.
	Biodegradation	Inherently biodegradable.
		Proprietary
	Persistence and degradability	Not determined.
Bioaccumula	ative potential	
Partition coe	efficient Not avail	able.
Ecological ir	nformation on ingredients.	
		Ethanol
	Bio-Accumulative Potential	Low bioaccumulation potential

log Kow: -0.35

Partition coefficient

Isoprene Stabilised

	Partition coefficient		log Kow: 2.42
			Proprietary
	Bio-Accumulative F	Potential	Not determined.
	Partition coefficient		log Pow: -0.42
Mobility in se	oil		
Ecological ir	nformation on ingred	ients.	
			Ethanol
	Mobility		The product is soluble in water.
	Adsorption/desorpt coefficient	ion	Soil - Koc: 1 @ °C Read-across data. Calculation method. Expected to have a low potential for adsorption.
	Henry's law consta	nt	No data available.
			Isoprene Stabilised
	Henry's law consta	nt	7782 Pa m³/mol @ 25°C
Other adverse effects			
Ecological ir	nformation on ingred	ients.	
			Ethanol
	Other adverse effe	cts	Not available.
			Proprietary
	Other adverse effect	cts	Avoid release to the environment.
13. Disposa	l considerations		
Waste treatr	ment methods		
General info	prmation \ a	Waste is avoided v should co	classified as hazardous waste. The generation of waste should be minimized or wherever possible. External recovery, treatment, recycling and disposal of waste omply with all applicable local and/or national regulations.
Disposal methods Dispose local Wa		Dispose ocal Wa	of waste to licensed waste disposal site in accordance with the requirements of the ste Disposal Authority. Dispose of waste via a licensed waste disposal contractor.
Waste class	i ۱	Waste is	classified as hazardous waste.
14. Transpo	rt information		
UN Number			
UN No. (TD	JN No. (TDG) 1993		
UN No. (IMDG) 1993		1993	
UN No. (ICAO) 1993		1993	
UN No. (DO	Τ) ι	UN1993	
<u>UN prope</u> r s	hipping name		

Proper shipping name (TDG)	FLAMMABLE LIQUID, N.O.S. (Contains Isoprene and Ethanol)		
Proper shipping name (IMDG)	FLAMMABLE LIQUID, N.O.S. (Contains Isoprene and Ethanol)		
Proper shipping name (ICAO)	FLAMMABLE LIQUID, N.O.S. (Contains Isoprene and Ethanol)		
Proper shipping name (DOT)	FLAMMABLE LIQUIDS, N.O.S. (CONTAINS Ethanol, Isoprene Stabilized)		
Transport hazard class(es)			
DOT hazard class	3		
DOT hazard label	3		
TDG class	3		
TDG label(s)	3		
IMDG Class	3		
ICAO class/division	3		
Transport labels			



DOT transport labels



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bstance
F-E, S-E
RQ: Isoprene (666.6667 lbs), RQ: 1,4-Dioxane (1000 lbs)
Not applicable.

15. Regulatory information

US Federal Regulations

CERCLA/Superfund, Hazardous Substances/Reportable Quantities (EPA)

Isoprene Stabilised Final CERCLA RQ: 100(45.4) pounds (Kilograms)

SARA 313 Emission Reporting

Isoprene Stabilised 0.1 %

CAA Accidental Release Prevention

Isoprene Stabilised Threshold Quantity: 10000 lbs

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

Isoprene Stabilised

Carcinogen.

California Air Toxics "Hot Spots" (A-I)

Isoprene Stabilised Present.

Massachusetts "Right To Know" List

Ethanol Present.

Isoprene Stabilised Present.

Rhode Island "Right To Know" List

Ethanol Present. *Isoprene Stabilised* Present.

Minnesota "Right To Know" List

Ethanol Present. *Isoprene Stabilised* Present.

New Jersey "Right To Know" List

Ethanol Present. *Isoprene Stabilised* Present.

Pennsylvania "Right To Know" List

Ethanol Present. *Isoprene Stabilised* Present.

Inventories

EU - EINECS/ELINCS

Ethanol Yes Isoprene Stabilised

US - TSCA

Ethanol Present. *Isoprene Stabilised*

Japan - ENCS

Ethanol Yes Isoprene Stabilised

Korea - KECI

Ethanol

16. Other information

Revision comments	Update: Section 1.4
Issued by	HCS Group Technical Team
Revision date	5/12/2022
Revision	2
Supersedes date	4/3/2020
SDS No.	22624
Hazard statements in full	 H224 Extremely flammable liquid and vapor. H225 Highly flammable liquid and vapor. H319 Causes serious eye irritation. H335 May cause respiratory irritation. H341 Suspected of causing genetic defects. H350 May cause cancer. H351 Suspected of causing cancer. H412 Harmful to aquatic life with long lasting effects.