

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations Revision date: 06/01/2018

SECTION 1: Identifi	cation of the s	substance/mixture and of the company/undertaking
1.1. Product identif		abstance/mixture and of the company/undertaking
Product form		: Mixture
Product name		: Carquest Extended Life Concentrate Antifreeze and Coolant
1.2. Relevant ident	ified uses of the s	ubstance or mixture and uses advised against
Use of the substance/mixt		: Antifreeze & Coolant
	supplier of the safe	
Old World Industries, LLC 3100 Sanders Road Northbrook, IL 60062 - US T (847) 559-2000 www.oldworldind.com		
1.4. Emergency tel	ephone number	
Emergency number		: 800 424 9300 (United States); 00 1 703 527 3887 (International) Chemtrec
SECTION 2: Hazard	s identificatio	n
2.1. Classification	of the substance of	or mixture
GHS-US classification		
Acute toxicity (oral),	H302	Harmful if swallowed.
Category 4	11264	Supported of demoging fortility or the unbern shild
Reproductive toxicity, Category 2	H361	Suspected of damaging fertility or the unborn child.
Specific target organ toxicity — Repeated exposure, Category 2	H373	May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).
Full text of H statements :	see section 16	
2.2. Label elements	5	
GHS-US labelling		
Hazard pictograms (GHS-	US)	GHS07 GHS08
Signal word (GHS-US)		: Warning
Hazard statements (GHS-	-US)	 H302 - Harmful if swallowed. H361 - Suspected of damaging fertility or the unborn child. H373 - May cause damage to organs (kidneys) through prolonged or repeated exposure (oral).
Precautionary statements	(GHS-US)	 P201 - Obtain special instructions before use. P202 - Do not handle until all safety precautions have been read and understood. P260 - Do not breathe mist, spray, vapors P264 - Wash affected areas thoroughly after handling. P270 - Do not eat, drink or smoke when using this product. P280 - Wear personal protective equipment as required. P210 - Jf swallowed: Immediately call dector (physician or poicen center)

P301+P310 - If swallowed: Immediately call doctor/physician or poison center

- P301+P330+P331 If swallowed: rinse mouth. Do NOT induce vomiting
- P304+P340 If inhaled: Remove person to fresh air and keep comfortable for breathing

P308+P313 - If exposed or concerned: Get medical advice/attention.

P405 - Store locked up.

P501 - Dispose of contents/container to appropriate waste disposal facility, in accordance with local/regional/national/international regulations

2.3. Other hazards

No additional information available

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2.4. Unknown acute toxicity (GHS US)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

0.2. MIX(0100			
Name	Product identifier	%	GHS-US classification
ethylene glycol	(CAS-No.) 107-21-1	90 - 97	Acute Tox. 4 (Oral), H302
diethylene glycol	(CAS-No.) 111-46-6	0.5 - 5	Acute Tox. 4 (Oral), H302 STOT RE 2, H373
water	(CAS-No.) 7732-18-5	1 - 5	Not classified
potassium 2-ethylhexanoate	(CAS-No.) 3164-85-0	1 - 5	Repr. 2, H361
denatonium benzoate	(CAS-No.) 3734-33-6	30 - 50 ppm	Acute Tox. 4 (Oral), H302 Skin Irrit. 2, H315 Eye Irrit. 2A, H319 STOT SE 3, H335

Full text of hazard classes and H-statements : see section 16

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 exposed or concerned: Get medical advice/attention.
First-aid measures after inhalation	: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If you feel unwell, seek medical advice.
First-aid measures after skin contact	: Wash skin with plenty of water. Remove contaminated clothing. Wash contaminated clothing before reuse. If skin irritation occurs: Rinse immediately with plenty of water (for at least 15 minutes), Get medical advice/attention.
First-aid measures after eye contact	: Remove contact lenses, if present and easy to do. Continue rinsing. Rinse immediately with plenty of water for 15 minutes, lifting lower and upper lids. If eye irritation persists: Get medical advice and attention.
First-aid measures after ingestion	: Obtain emergency medical attention. Rinse mouth. If the person is fully conscious, make him/her drink two glasses of water. Never give an unconscious person anything to drink. Do NOT induce vomiting. Call a POISON CENTER/doctor/physician if you feel unwell. If medical advice is delayed, and if the person has swallowed a moderate volume of material (a few ounces), then give three to four ounces of hard liquor, such as whiskey. For children, give proportionally less liquor, according to weight.
4.2. Most important symptoms and effect	ts, both acute and delayed
Symptoms/effects	: Causes damage to organs (kidneys) Oral. Suspected of damaging fertility or the unborn child.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Causes serious eye damage.
Symptoms/effects after ingestion	: Swallowing a small quantity of this material will result in serious health hazard. The lethal dose in humans is estimated to be 100 mL (3 oz).

4.3. Indication of any immediate medical attention and special treatment needed

A more effective intravenous antidote for physician uses is 4-methylpyrazaole, a potent inhibitor of alcohol dehydrogenases, which effectively blocks the formation of toxic metabolites of ethylene glycol. It has been used to decrease the metabolic consequences of ethylene glycol poisoning before metabolic acidosis coma, seizures, and renal failure have occured.

SECTION 5: Firefighting measure	es
5.1. Extinguishing media	
Suitable extinguishing media	: Carbon dioxide. dry chemical. Foam. Sand. Water fog.
Unsuitable extinguishing media	: Do not use a heavy water stream. May spread fire.
5.2. Special hazards arising from th	e substance or mixture
Fire hazard	: During a fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating. Combustion products may include and are not limited to: Carbon monoxide. Carbon dioxide. Product is not flammable or combustible but may burn under fire conditions.
Reactivity	: No dangerous reactions known under normal conditions of use.
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5.3.	Special protective equipment and	precautions for fire-fighters
Firefigh	nting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protect	ion during firefighting	: Do not enter fire area without proper protective equipment, including respiratory protection.

SECT	ON 6: Accidental release mea	sures
6.1.	Personal precautions, protective eq	uipment and emergency procedures
6.1.1. Emerge	For non-emergency personnel ncy procedures	: Evacuate unnecessary personnel.
	For emergency responders we equipment ncy procedures	: Equip cleanup crew with proper protection. Use personal protective equipment as required. : Ventilate area.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3.	Methods and material for contain	nent and cleaning up
Method	s for cleaning up	: Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Store away from other materials.
6.4.	Reference to other sections	

For further information refer to section 13. For further information refer to section 8: "Exposure controls/personal 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 eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapor. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.
Hygiene measures	: Do not eat, drink or smoke when using this product. Wash hands, forearms and face thoroughly after handling.
7.2. Conditions for safe storage, includin	ig any incompatibilities
Storage conditions	: Keep only in the original container in a cool, well ventilated place away from : Heat sources. Keep container closed when not in use. Product may become solid at temperatures below -18 °C (0 °F). Do not store near food, foodstuffs, drugs or potable water supplies. Do not cut, drill, weld, use a blowtorch on, etc. containers even when empty.
Incompatible products	: Keep away from strong acids, strong bases and oxidizing agents.
Incompatible materials	: Sources of ignition.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

denatonium benzo	ate (3734-33-6)	
Not applicable		
ethylene glycol (10	7-21-1)	
ACGIH	Local name	Ethylene glycol
ACGIH	ACGIH TWA (mg/m³)	10 mg/m ³
ACGIH	ACGIH TWA (ppm)	25 ppm (Vapor fraction)
ACGIH	ACGIH STEL (mg/m ³)	10 mg/m ³ (Inhalable fraction, Aerosol only)
ACGIH	ACGIH STEL (ppm)	50 ppm (Vapor fraction)
ACGIH	Remark (ACGIH)	Upper respiratory tract & eye irritant
diethylene glycol (111-46-6)	
Not applicable		

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wate	· (7732-18-5)
Not a	pplicable
potas	sium 2-ethylhexanoate (3164-85-0)
Not a	pplicable
8.2.	Appropriate engineering controls

No additional information available

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Avoid all unnecessary exposure. Gloves. Safety glasses.

Hand protection:

Wear protective gloves.

Eye protection:

Chemical goggles or safety glasses

Respiratory protection:

Respiratory protection not required in normal conditions. If exposed to levels above exposure limits wear appropriate respiratory protection.



Other information:

Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical	properties
9.1. Information on basic physical and o	chemical properties
Physical state	: Liquid
Color	: Slightly yellow to green
Odor	: mild
Odor threshold	: No data available
pH 50% water solution	: 8
Relative evaporation rate (butylacetate=1)	: Nil
Freezing point	: -18 °C (0 °F)
Boiling point	: 158 °C (317 °F)
Flash point	: 116 °C (241 °F) [100% Ethylene Glycol] ASTM D56
Auto-ignition temperature	: 400 °C (752 °F) [100% Ethylene Glycol] Literature
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: < 0.1 @ 20 ℃
Relative vapor density at 20 °C	: No data available
Specific Gravity	: 1.12
Density	: 1.12 kg/l (9.34 lbs/gal)
Solubility	: Water: Complete
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available

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LD50 o LC50 ir ATE US diethyl LD50 o LD50 d LC50 ir ATE US ATE US	nhalation rat (mg/l) S (oral) ene glycol (111-46-6) ral rat lermal rabbit nhalation rat (mg/l)	7712 mg/kg bodyweight (according to BASF-internal standards, Rat, Male/female, Experimental value) > 2.5 mg/l (6 h, Rat, Male/female, Experimental value) 500 mg/kg bodyweight 19600 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male, Experimental value) 11890 mg/kg (Rabbit) > 4.6 mg/l/4h (Other, 4 h, Rat, Weight of evidence) 500 mg/kg bodyweight 11890 mg/kg bodyweight
LD50 o ATE US diethyl LD50 o LD50 d LC50 ir ATE US ATE US	ral rat halation rat (mg/l) S (oral) ene glycol (111-46-6) ral rat lermal rabbit halation rat (mg/l) S (oral) S (dermal)	Experimental value) > 2.5 mg/l (6 h, Rat, Male/female, Experimental value) 500 mg/kg bodyweight 19600 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male, Experimental value) 11890 mg/kg (Rabbit) > 4.6 mg/l/4h (Other, 4 h, Rat, Weight of evidence) 500 mg/kg bodyweight 11890 mg/kg bodyweight
LD50 o LC50 ir ATE US diethyl LD50 o LD50 d LC50 ir ATE US	ral rat halation rat (mg/l) S (oral) ene glycol (111-46-6) ral rat lermal rabbit halation rat (mg/l) S (oral)	Experimental value) > 2.5 mg/l (6 h, Rat, Male/female, Experimental value) 500 mg/kg bodyweight 19600 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male, Experimental value) 11890 mg/kg (Rabbit) > 4.6 mg/l/4h (Other, 4 h, Rat, Weight of evidence) 500 mg/kg bodyweight
LD50 o LC50 ir ATE US diethyl LD50 o LD50 d LC50 ir ATE US	ral rat halation rat (mg/l) S (oral) ene glycol (111-46-6) ral rat lermal rabbit halation rat (mg/l) S (oral)	Experimental value) > 2.5 mg/l (6 h, Rat, Male/female, Experimental value) 500 mg/kg bodyweight 19600 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male, Experimental value) 11890 mg/kg (Rabbit) > 4.6 mg/l/4h (Other, 4 h, Rat, Weight of evidence) 500 mg/kg bodyweight
LD50 o LC50 ir ATE US diethyl LD50 o LD50 d LC50 ir	ral rat nhalation rat (mg/l) S (oral) ene glycol (111-46-6) ral rat lermal rabbit nhalation rat (mg/l)	Experimental value) > 2.5 mg/l (6 h, Rat, Male/female, Experimental value) 500 mg/kg bodyweight 19600 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male, Experimental value) 11890 mg/kg (Rabbit) > 4.6 mg/l/4h (Other, 4 h, Rat, Weight of evidence)
LD50 o LC50 ir ATE US diethyl LD50 o LD50 d	ral rat nhalation rat (mg/l) S (oral) ene glycol (111-46-6) ral rat ermal rabbit	Experimental value) > 2.5 mg/l (6 h, Rat, Male/female, Experimental value) 500 mg/kg bodyweight 19600 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male, Experimental value) 11890 mg/kg (Rabbit)
LD50 o LC50 ir ATE US diethyl LD50 o	ral rat halation rat (mg/l) S (oral) ene glycol (111-46-6) ral rat	Experimental value) > 2.5 mg/l (6 h, Rat, Male/female, Experimental value) 500 mg/kg bodyweight 19600 mg/kg bodyweight (OECD 401: Acute Oral Toxicity, Rat, Male, Experimental value)
LD50 o LC50 ir ATE US diethyl	nal rat nhalation rat (mg/l) S (oral) ene glycol (111-46-6)	Experimental value) > 2.5 mg/l (6 h, Rat, Male/female, Experimental value) 500 mg/kg bodyweight
LD50 o LC50 ir ATE US	nal rat nhalation rat (mg/l) S (oral)	Experimental value) > 2.5 mg/l (6 h, Rat, Male/female, Experimental value)
LD50 o	ral rat nhalation rat (mg/l)	Experimental value) > 2.5 mg/l (6 h, Rat, Male/female, Experimental value)
LD50 o	ral rat	Experimental value)
-		
ethyler	ne glycol (107-21-1)	
ATE US	S (oral)	584 mg/kg bodyweight
	ermal rabbit	> 2000 mg/kg (Rabbit, Literature study)
LD50 o		584 mg/kg (Rat, Literature study)
	nium benzoate (3734-33-6)	
Acute to	xicity	: Not classified
1.1.	Information on toxicological e	ifects
SECTI	ON 11: Toxicological info	rmation
	-	
	. Aldehydes. Carbon dioxide. Carb	
0.6.	Hazardous decomposition pro	ducts
Keep aw	ay from strong acids, strong base	s and oxidizing agents.
0.5.	Incompatible materials	
Extremel	ly high or low temperatures. Keep	away from any flames or sparking source.
10.4.	Conditions to avoid	
	erous reactions known under norn	
10.3.	Possibility of hazardous react	ons
Stable.		
10.2.	Chemical stability	
No dang	erous reactions known under norn	nal conditions of use.
10.1.	Reactivity	
SECTI	ON 10: Stability and react	ivity
VOC con	ntent	: 0%
9.2.	Other information	
Explosive	e limits	: 3.2 - 15.3 vol %
	g properties	: Not applicable.
Oxidizing	e properties	: Not applicable.
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Potential adverse human health effects and symptoms	: Based on available data, the classification criteria are not met.
Symptoms/effects	: Causes damage to organs (kidneys) Oral. Suspected of damaging fertility or the unborn child.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Causes serious eye damage.
Symptoms/effects after ingestion	: Swallowing a small quantity of this material will result in serious health hazard. The lethal dose in humans is estimated to be 100 mL (3 oz).

SECTION 12: Ecological information		
12.1. Toxicity		
Ecology - general	No additional information available.	
denatonium benzoate (3734-33-6)		
LC50 fish 1	> 1,000.00 mg/l (96 h, Salmo gairdneri, Literature study)	
EC50 Daphnia 1	13.00 mg/l (48 h, Daphnia magna, Literature study)	
ethylene glycol (107-21-1)		
LC50 fish 1	40,761.00 mg/l (96 h, Salmo gairdneri, Static system)	
EC50 Daphnia 1	> 10,000.00 mg/l (24 h, Daphnia magna)	
diethylene glycol (111-46-6)		
LC50 fish 1	> 5,000.00 ppm (24 h, Carassius auratus)	
EC50 Daphnia 1	> 10,000.00 mg/l (24 h, Daphnia magna)	
LC50 fish 2	75,200.00 mg/l (Other, 96 h, Pimephales promelas, Flow-through system, Experimental value)	
EC50 Daphnia 2	> 10,000.00 mg/l (DIN 38412-11, 24 h, Daphnia magna, Static system, Fresh water, Experimental value)	

12.2. Persistence and degradability

denatonium benzoate (3734-33-6)		
Persistence and degradability	Biodegradability in water: no data available. No (test) data on mobility of the substance available.	
ethylene glycol (107-21-1)		
Persistence and degradability	Biodegradable in the soil. Readily biodegradable in water.	
Biochemical oxygen demand (BOD)	0.47 g O ₂ /g substance	
Chemical oxygen demand (COD)	1.24 g O ₂ /g substance	
ThOD	1.29 g O ₂ /g substance	
BOD (% of ThOD)	0.36	
diethylene glycol (111-46-6)		
Persistence and degradability	Biodegradable in the soil. Biodegradable in water.	
Biochemical oxygen demand (BOD)	0.02 g O ₂ /g substance	
Chemical oxygen demand (COD)	1.51 g O ₂ /g substance	
ThOD	1.51 g O ₂ /g substance	
BOD (% of ThOD)	0.02	

12.3. Bioaccumulative potential

denatonium benzoate (3734-33-6)		
Log Pow	1.78 (Estimated value)	
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).	
ethylene glycol (107-21-1)		
BCF fish 1	10.00 (72 h, Leuciscus idus)	
BCF other aquatic organisms 1	0.21 - 0.6 (Procambarus sp., Chronic)	
BCF other aquatic organisms 2	190.00 (24 h, Algae)	
Log Pow	-1.34 (Experimental value)	
Bioaccumulative potential	Not bioaccumulative.	

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diethylene glycol (111-46-6)		
BCF fish 1	100.00 (Other, 3 day(s), Leuciscus melanotus, Static system, Fresh water, Experimental value)	
Log Pow	-1.98 (Calculated, Other)	
Bioaccumulative potential	ential Not bioaccumulative.	

12.4. **Mobility in soil**

denatonium benzoate (3734-33-6)				
Ecology - soil	No (test)data on mobility of the substance available.			
ethylene glycol (107-21-1)				
Surface tension	48.00 mN/m (20 °C)			
Ecology - soil	No (test)data on mobility of the substance available.			
diethylene glycol (111-46-6)				
Surface tension	0.05 N/m			
Log Koc	0.00 (log Koc, SRC PCKOCWIN v1.66, Calculated value)			
Ecology - soil	Highly mobile in soil.			

12.5. Other adverse effects	
Effect on the ozone layer	: No known effect on the ozone layer
·	
Other information	: Avoid release to the environment.
SECTION 13: Disposal consideration	

ocorrent io. Disposal consideration	
13.1. Waste treatment methods	
Product/Packaging disposal recommendations	: Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.
Ecology - waste materials	: Avoid release to the environment.
SECTION 14: Transport information	

Department of Transportation (DOT)

In accordance with DOT

Non Bulk (in quantities under 5,000 lbs in any one inner package): Not regulated by the US DOT

Bulk (in quantities 5,000 lbs or over in any one inner package):

	• •	inici pacitago).
Transport document description	:	UN3082 Environmentally hazardous substances, liquid, n.o.s. (Ethylene Glycol), 9, III
UN-No.(DOT)	:	UN3082
Proper Shipping Name (DOT)	:	Environmentally hazardous substances, liquid, n.o.s.
		Ethylene Glycol
Class (DOT)	:	9 - Class 9 - Miscellaneous hazardous material 49 CFR 173.140
Packing group (DOT)	:	III - Minor Danger
Hazard labels (DOT)	:	9 - Class 9 (Miscellaneous dangerous materials)
DOT Packaging Non Bulk (49 CFR 173.xxx)	:	203
DOT Packaging Bulk (49 CFR 173.xxx)	:	241
DOT Symbols	:	G - Identifies PSN requiring a technical name
DOT Packaging Exceptions (49 CFR 173.xxx)	:	155
DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27)	:	No limit
DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75)	:	No limit

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OOT Vessel Stowage Location	: A - The material may be stowed "on deck" or "under deck" on a cargo vessel and on a passenger vessel.		
Other information	: No supplementary information available.		
Fransportation of Dangerous Goods			
Refer to current TDG Canada for further	Canadian regulations		
Fransport by sea			
n accordance with IMDG / IMO			
Proper Shipping Name (IMDG)	: Not regulated by IMDG (in quantites under 5,000 lbs in any one inner package)		
Air transport			
n accordance with IATA / ICAO			
Proper Shipping Name (IATA)	: Not regulated by IATA (in guantites under 5,000 lbs in any one inner package)		
Carquest Extended Life Concentrate A EPA TSCA Regulatory Flag	Toxic Substances Control Act (TSCA): The intentional ingredients of this		
	Toxic Substances Control Act (TSCA): The intentional ingredients of this		
EPA TSCA Regulatory Flag	Toxic Substances Control Act (TSCA): The intentional ingredients of this product are listed		
EPA TSCA Regulatory Flag denatonium benzoate (3734-33-6) Listed on the United States TSCA (Toxic 3 ethylene glycol (107-21-1)	Toxic Substances Control Act (TSCA): The intentional ingredients of this product are listed Substances Control Act) inventory		
EPA TSCA Regulatory Flag denatonium benzoate (3734-33-6) Listed on the United States TSCA (Toxic 4)	Toxic Substances Control Act (TSCA): The intentional ingredients of this product are listed Substances Control Act) inventory Substances Control Act) inventory Substances Control Act) inventory		
EPA TSCA Regulatory Flag denatonium benzoate (3734-33-6) Listed on the United States TSCA (Toxic 3 ethylene glycol (107-21-1) Listed on the United States TSCA (Toxic 3 Subject to reporting requirements of United EPA TSCA Regulatory Flag	Toxic Substances Control Act (TSCA): The intentional ingredients of this product are listed Substances Control Act) inventory Substances Control Act) inventory T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.		
EPA TSCA Regulatory Flag denatonium benzoate (3734-33-6) Listed on the United States TSCA (Toxic 3 ethylene glycol (107-21-1) Listed on the United States TSCA (Toxic 3 Subject to reporting requirements of Unite EPA TSCA Regulatory Flag CERCLA RQ	Toxic Substances Control Act (TSCA): The intentional ingredients of this product are listed Substances Control Act) inventory Substances Control Act) inventory T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA. 5000 lb(s)		
EPA TSCA Regulatory Flag denatonium benzoate (3734-33-6) Listed on the United States TSCA (Toxic 3 ethylene glycol (107-21-1) Listed on the United States TSCA (Toxic 3 Subject to reporting requirements of United EPA TSCA Regulatory Flag	Toxic Substances Control Act (TSCA): The intentional ingredients of this product are listed Substances Control Act) inventory Substances Control Act) inventory T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA.		
EPA TSCA Regulatory Flag denatonium benzoate (3734-33-6) Listed on the United States TSCA (Toxic 3 ethylene glycol (107-21-1) Listed on the United States TSCA (Toxic 3 Subject to reporting requirements of Unite EPA TSCA Regulatory Flag CERCLA RQ	Toxic Substances Control Act (TSCA): The intentional ingredients of this product are listed Substances Control Act) inventory Substances Control Act) inventory Substances Control Act) inventory T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA. 5000 lb(s) Refer to Section 2 for the OSHA hazard classification		
EPA TSCA Regulatory Flag denatonium benzoate (3734-33-6) Listed on the United States TSCA (Toxic 3 ethylene glycol (107-21-1) Listed on the United States TSCA (Toxic 3 Subject to reporting requirements of United EPA TSCA Regulatory Flag CERCLA RQ SARA Section 311/312 Hazard Classes	Toxic Substances Control Act (TSCA): The intentional ingredients of this product are listed Substances Control Act) inventory Substances Control Act) Substances Control Act) Substances Control Act) Substances Control Act) Substances Control Act Substances Control Act Substances Control Act		
EPA TSCA Regulatory Flag denatonium benzoate (3734-33-6) Listed on the United States TSCA (Toxic 4) ethylene glycol (107-21-1) Listed on the United States TSCA (Toxic 4) Subject to reporting requirements of United EPA TSCA Regulatory Flag CERCLA RQ SARA Section 311/312 Hazard Classes diethylene glycol (111-46-6)	Toxic Substances Control Act (TSCA): The intentional ingredients of this product are listed Substances Control Act) inventory Substances Control Act) Substances Control Act) Substances Control Act) Substances Control Act) Substances Control Act Substances Control Act Substances Control Act		
EPA TSCA Regulatory Flag denatonium benzoate (3734-33-6) Listed on the United States TSCA (Toxic 3 ethylene glycol (107-21-1) Listed on the United States TSCA (Toxic 3 Subject to reporting requirements of Unite EPA TSCA Regulatory Flag CERCLA RQ SARA Section 311/312 Hazard Classes diethylene glycol (111-46-6) Listed on the United States TSCA (Toxic 3	Toxic Substances Control Act (TSCA): The intentional ingredients of this product are listed Substances Control Act) inventory Substances Control Act) inventory Substances Control Act) inventory T - T - indicates a substance that is the subject of a Section 4 test rule under TSCA. 5000 lb(s) Refer to Section 2 for the OSHA hazard classification Ethylene glycol is subject to Tier I and/or Tier II annual inventory reporting.		
EPA TSCA Regulatory Flag denatonium benzoate (3734-33-6) Listed on the United States TSCA (Toxic 3 ethylene glycol (107-21-1) Listed on the United States TSCA (Toxic 3 Subject to reporting requirements of Unite EPA TSCA Regulatory Flag CERCLA RQ SARA Section 311/312 Hazard Classes diethylene glycol (111-46-6) Listed on the United States TSCA (Toxic 3 water (7732-18-5)	Toxic Substances Control Act (TSCA): The intentional ingredients of this product are listed Substances Control Act) inventory		

15.2. International regulations

CANADA

Carquest Extended Life Concentrate Antifreeze and Coolant		
WHMIS Classification	This SDS has been prepared according to the criteria of the Hazardous Products Regulations (HPR) (WHMIS 2015) and the SDS contains all of the information required by the HPR. Applicable GHS information is listed in section 2.2 of this SDS.	

EU-Regulations No additional information available

National regulations

Carquest Extended Life Concentrate Antifreeze and Coolant	
DSL (Canada): The intentional ingredients of this product are listed	
ECL (South Korea): The intentional ingredients of this product are listed.	
EINECS (Europe): The intentional ingredients of this product are listed	
ENCS (Japan): The intentional ingredients of this product are listed	

Safety Data Sheet

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

15.3. US State regulations

\Lambda WARNING:

This product can expose you to ethylene glycol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

ethylene glycol (107-21-1)				
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 significant risk level (NSRL)
No	Yes	No	No	

ethylene glycol (107-21-1)		
U.S Massachusetts - Right To Know List		
U.S New Jersey - Right to Know Hazardous Substance List		
U.S Pennsylvania - RTK (Right to Know) List		
diethylene glycol (111-46-6)		
U.S Pennsylvania - RTK (Right to Know) - Environmental Hazard List		
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SECTION 16: Other information			
Revision date	: 06/01/2018		

Full text of H-statements:

H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H361	Suspected of damaging fertility or the unborn child.
H373	May cause damage to organs through prolonged or repeated
	exposure.

NFPA health hazard

: 1 - Materials that, under emergency conditions, can cause significant irritation.

NFPA fire hazard NFPA reactivity

- : 1 Materials that must be preheated before ignition can occur.
- : 0 Material that in themselves are normally stable, even under fire conditions.



SDS GHS US (GHS HazCom 2012) OWI

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