

FVP 50/50 READY TO USE EXTENDED LIFE HEAVY DUTY RED DIESEL ANTIFREEZE/COOLANT

Safety Data Sheet

Section 1 - Identification						
Eagan, MN 55121						
866-387-3343						
INFOTRAC 1-800-535-5053						
FVPHDRED50/50-55GAL						
Antifreeze/Inhibited Ethylene Glycol						
Ethylene Glycol Mixture						
Dilution to 50% is generally reco	mmended: dilute to meet	local condition.				
	repeated Exposure): Ca	tegory 2				
ŭ	uuooo okin immitatiasa O	pooted of demonstrate facilities				
	to kidileys tillough proloi	riged of repeated exposure if				
	on it					
	e use. Do not handle unt	til all safety precautions have				
If swallowed: Call a poison center or doctor if you feel unwell. Rinse mouth.						
If on skin: Wash with plenty of water.						
If skin irritation occurs: Get medical attention. Take off contaminated clothing and						
wash it before reuse.						
If exposed or concerned: Call a poison center. Get medical advice.						
·						
·						
•	oropriato.					
Not Applicable						
3 - Composition and Info	rmation on Ingredie	ents				
		% by weight				
		87-92%				
	111-46-6	0-5%				
N/A	7732-18-5	4%				
N/A	Proprietary	4%				
Section 4 – First aid						
Acute Irritation of affected area with symptoms of reddening, itching, swelling, burning, possible permanent						
ea, vomiting, weakness, and death		J, 1				
	Factory Motor Parts 1380 Corporate Center Curve, S Eagan, MN 55121 866-387-3343 INFOTRAC 1-800-535-5053 FVPHDRED50/50-55GAL Antifreeze/Inhibited Ethylene Gly Ethylene Glycol Mixture Antifreeze Fluid Dilution to 50% is generally reconsistic of the Eagery of Section 2 — Hazard(s) is a Category of Section 3 — Category of Section 3 — Composition and Information of Section 4 — First aid Symptoms of Expension of Symptoms of Expension of Symptoms of Expension of Symptoms of Section 4 — First aid Symptoms of Section 3 — Composition and Information of Symptoms of Symptoms of Expension of Symptoms of Expension of Symptoms of Symp	Eagan, MN 55121 866-387-3343 INFOTRAC 1-800-535-5053 FVPHDRED50/50-55GAL Antifreeze/Inhibited Ethylene Glycol Ethylene Glycol Mixture Antifreeze Fluid Dilution to 50% is generally recommended: dilute to meet Section 2 — Hazard(s) Identification Acute Toxicity, Oral: Category 4 Skin Corrosion / Irritation: Category 2 Toxic to Reproduction: Category 2 Specific Target Organ Toxicity (Single Exposure): Categ Specific Target Organ Toxicity (Repeated Exposure): Ca Danger Harmful or fatal if swallowed. Causes skin irritation. Sus of the unborn child. Causes damage to central nervous swallowed. May cause damage to kidneys through prolo swallowed. Health Hazard & Exclamation Point Prevention: Obtain special instructions before use. Do not handle un been read and understood. Wash hands and other conto not eat, drink or smoke when using this product. Wear ey goggles, full face shield), protective gloves and protective goggles, full face shield), protective gloves and protective impervious). Do not breathe fumes, vapors, mist, or spra Response: If swallowed: Call a poison center or doctor if you feel un If on skin: Wash with plenty of water. If skin irritation occurs: Get medical attention. Take off of wash it before reuse. If exposed or concerned: Call a poison center. Get medi Get medical attention if you feel unwell. Storage: Store locked up. Disposal: Contact local sewer, municipal, state and/or federal agen disposal options for the product. Dispose of this containe reconditioner or as otherwise appropriate. Not Applicable Common name and synonyms CAS # Monoethylene Glycol 107-21-1 111-46-6 N/A 7732-18-5 N/A Proprietary Section 4 – First aid Measures Symptoms of Exposure				

Delayed	Irritation of affected area with symptoms of reddening, itching, swelling, burning, possible permanent damage, nausea, vomiting, weakness, abdominal pain, muscle tenderness, repiratory failure, severe metabolic acidosis, hypocalcemictetany and death
Inhalation	Vapors and mists cause respiratory irritation and may be harmful if inhaled.
Skin	Irritation may result. May be harmful if absorbed through skin.
Eye Contact	Irritation may cause transitory stinging and tearing.
Ingestion	Toxic: may be harmful or fatal if swallowed.

			First Aid Instructions				
lub alatian	Remove to fresh air. A		er oxygen if breathing is difficult. Give artificial respiration if victim is not				
Inhalation	breathing. Seek medical attention.						
Skin	Wash skin with soan and water for at least 20 minutes. Remove any contamina						
SKIII	medical attention immediately if symptoms or irritation develops.						
Eye Contact	Flush with water for at least 20 minutes. Seek medical attention if irritation develops or persists.						
			c medical attention immediately. If swallowed give 2 to 3 glasses of				
			d alert. Do not give anything by mouth to an unconscious person. To				
Ingestion		swallowed product, lay victim on side with head lower than waist. Vomiting may					
		cur spontaneously. If vomiting occurs and the victim is conscious, give water to victim to further					
0.11	dilute the chemical.						
Other			ety data sheet to the doctor in attendance.				
	56		5 - Fire Fighting Measures				
Suitable Extinguis	shing Material		water fog, water spray, alcohol-resistant foam, dry chemical, sand,				
			bon dioxide.				
Unsuitable Exting	uisning Materiai		ta Available				
Hazards from Cor	mbustion	Carbor	e may contain the original material in addition to but not limited to: n Monoxide, Carbon Dioxide.				
Special Protective	e Equipment for		self-contained breathing apparatus and protective suit. Evacuate				
Firefighters		person	nel to safe areas and keep upwind of fire.				
	Section	on 6 – .	Accidental Release Measures				
Use of personal p	recautions		Ventilate area of leak or spill. Remove all sources of ignition. Wear				
Osc of personal p	or Coadtions		appropriate personal protective equipment.				
			Usage of safety glasses or googles is recommended. Chemical				
			resistant gloves, chemical resistant apron, boots, and full suit will be				
	nent to prevent the		necessary depending on the extent of clean up task. If ventilation does				
contamination of s	skin, eyes, and clothing.		not control airborne concentration then respiratory protection				
			equipment that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements should be used.				
			Collect liquid in an appropriate container or absorb with inert material				
Methods and mate	erials used for containme	ent	and place in chemical waste container.				
			Do not flush to sewer. Comply with all federal, state, and local				
Cleanup procedur	res		regulations.				
	Sc	ection	7 – Handling and Storage				
			Protect container from physical damage. Wear appropriate personal				
Precautions for sa	afe handling		protection equipment. Do not expose containers to open flame,				
1 1000000000000000000000000000000000000	are ridinging		excessive heat, or direct sunlight. Use local exhaust over processing				
			area. Do not eat, drink or smoke around products.				
	,, ,,,,		Store in a cool, dry and ventilated area away from sources of heat,				
	s on the conditions for s		moisture and incompatible materials. Observe all warnings and				
storage, Storage/	handling incompatibilities	5.	precautions listed for the product. Keep container closed to prevent				
contamination.							
OCHA Damisia s'Ill			sure Controls/Personal Protection				
	e Exposure Limits (PELs	5)	Not Applicable				
	ence of Governmental	imit	ACCIH TI V: 100 mg/m ³				
Industrial Hygienists (ACGIH) Threshold Limit Values			ACGIH TLV: 100 mg/m ³				
	,		OSHA - Table Z-1 Limits for air contaminants - 1910.1000: 50 ppm 125				
Other Exposure L	imits		mg/m ³ .				
For air and a Control			Use mechanical (general) ventilation to control airborne levels below				
Engineering Cont	IOI		exposure guidelines.				
Individual Protection Measures		·	Wear protective safety glasses or goggles, gloves, apron, vapor				
mumuuai Fiolection measules			respirator.				

Section 9 – Physical and Chemical and Chemical Properties								
Appearance (physical state, color, etc.)			Liquid, Clear, Red					
Upper/lower flammability or explosive limits			Not Explosive; LOWER: 3.2% (v) UPPER: 15.3% (v)					
Odor			Slight to no odor					
Vapor pressure			134 Pa / 0.1 mmHg					
Odor threshold			No data a	vailable				
Vapor density (air =	1)		2.14					
pH	•		7.5 - 9.0					
Relative density			1.120 - 1.	140				
Freezing point (as 5	0%)		-34°F / -37	7°C				
Solubility(ies)	,		Miscible in	Miscible in water				
Initial boiling point a	nd boiling rang	е	385°F / 196°C					
Flash point			232°F / 11	11°C				
Evaporation rate (Br	utyl Acetate = 1	1)	<1					
Flammability (solid,			This mate	rial is Not Flammable bu	ut can burn if he	ated		
Partition coefficient:		er	Log Pow:	-1.36				
Auto-ignition temper	ature		> 700°F /	> 370°C				
Decomposition temp			Not Applic	cable				
Viscosity	·		~16 cps a					
•		Section 1		lity and Reactivity				
Reactivity				pical use temperatures.				
Chemical Stability				pical use temperatures.				
Hazardous Reaction	ns			ng materials strong bas		cids		
Conditions to Avoid				rces and incompatibles.		oido.		
Incompatible Materi	als			ng agents, strong base		ds		
Decomposition Prod				on monoxide may form v				
Becomposition				ological Information		accomposition.		
Likely Routes of Exp	nocuro.	Section 11		s / Skin / Ingestion / Inh				
Likely Roules of Exp		Short Term E		<u> </u>	om Long Term I	Evnocuro		
Delayed Effects	Irritation of aff		xposure	Irritation of affected are		Exposure		
,	Irritation of aff			Irritation of affected are				
Chronic Effects	Not Applicable		Teratogenic effects					
The numerical meas			vicity					
estimates such as the								
estimated amount [c								
test animals in a sin		expected to kill	1 00 70 01					
Description of the sy	motoms This	description incl	udes the	Irritation nausea vom	iting abdominal	pain weakness		
symptoms associate				s the Irritation, nausea, vomiting, abdominal pain, weakness, muscle tenderness, respiratory failure, convulsions,				
including symptoms				cardiovascular collapse, pulmonary edema,				
exposure.				hypocalcemictetany, metabolic acidosis, death.				
Listed in the		Found to be a	a	,, p		-,		
National		potential card			Found to be			
Toxicology		in the Interna			a potential			
Program (NTP)	No	Agency for R		No	carcinogen	No		
Report on		on Cancer (IA			by OSHA?			
Carcinogens?		Monograph's			•			
_				ogical Information				
Ecotoxicity	Low Ecoto			<u> </u>				
Persistence and		/						
Degradability	Biodegradable							
Bioaccumulation								
Mobility in Soil		Dissolves in water. If product enters soil, it will be highly mobile and may contaminate ground						
Other Adverse Effects	Other Adverse No Data Available							
LIIOOG		Section 42	R _ Diene	eal Considerations				
Do not duma into	Word on The			sal Considerations		o and/or fadoral		
agencies to determi				ter. Contact local sewer	, municipai, stat	e and/or lederal		

Section 14 – Transport Information							
Is product DOT regulated in Non-		No					
DOT BULK							
UN number				UN3082			
UN proper shipping name				Environmentally hazardous			
	substances, liquid, n.o.s.						
Transport hazard class(es)				9			
Packing group number				III			
		a marine pollutant according to the		Not Regulated			
International Maritime Dangerous				. rot rogalated			
		Annex II of MARPOL 73/783 and the		Not Regulated			
		Equipment of Ships Carrying Dange	erous				
Chemicals in Bulk (International B			anlı (
with, in connection with transport		s should be aware of or needs to con	пріу	Reportable Quantity (RQ): 5000			
premises	or convey	arice entrer within or outside their		lbs Ethylene Glycol			
•	latory Ir	nformation (Not indicated an	who	re else on this SDS)			
-		Hazard Communication Standard: Th					
Safety Regulations		by the OSHA Hazard Communication					
Health Regulations	Not Ava		n otai	idara, 20 01 17 1010.1200.			
Environmental Regulations	Not Available Not Available						
SARA 311/312	Based upon available information, this material is classified as the following health and/or physical hazards according to Section 311 & 312 Read (SAF Imm Dela Fire Sudo No. 3 follow to rein 40 Glyce			erfund Amendments and uthorization Act of 1986 Title III RA) Sections 311 and 312: nediate (Acute) Health Hazard - Yes; ayed (Chronic) Health Hazard - Yes; Hazard - No; Reactive Hazard - No; den Release of Pressure Hazard - Section 313: Product contains the wing substances which are subject eporting requirements and are listed 0 CFR 372 - Component: Ethylene col CAS#: 107-21-1 Amount: 9.0%.			
	Blue/Health 2						
LIMIC		mmability	1				
HMIS		/Physical Hazard	0				
	White/Personal Protection x						
	Health (Blue) 2						
NFPA 0 (no hazard) to 4 (severe risk)	Flammability (Red)						
	Instability/Reactivity (Yellow)						
	Special (White) 0						
US Toxic Substance Control Act	All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30						
CEPA – Domestic Substances Lis	All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.						

Section 16 - Other Information

This SDS is applicable for all dilutions and containers for this brand of product. The information herein is provided in good faith and believed to be accurate as of the effective revision date shown. However, no warranty, express or implied, is given. Regulatory requirements are subject to change and may differ between various locations. It is the buyer's/ user's responsibility to ensure that activities comply with all federal, state, provincial or local law.

Product Dilutions Differentials							
Properties ¹	60%	50%	40%	35%	30%	25%	
Extended Life Antifreeze	~55%	46%					
Performance Additives and Water	~45%	54%					
Specific Gravity (15/15°C 60/60°F)	1.08 - 1.11	1.06 - 1.10					
Reserve Alkalinity (minimum)	3.4	1					
Freeze Point (maximum)	-55°F / - 48°C	-34°F / -37°C					

¹Data for the concentrate is based on volume of Ethylene Glycol; data for mixtures is based on volume of Extended Life Antifreeze.

Revision Date: 7/27/2018