

SAFETY DATA SHEET

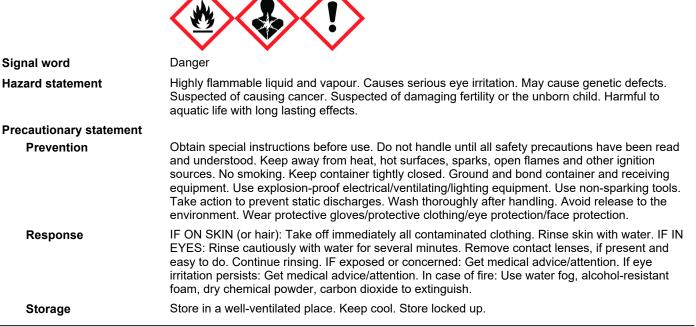
1. Identification

Product identifier	DA-2C (Anhydrous)
Other means of identification	
Synonyms	Denatured alcohol automotive fuel grade denatured with gasoline
Recommended use	Component of oxygenated automotive fuel gasoline.
Recommended restrictions	Not potable
Manufacturer/Importer/Supplier/	Distributor information
Company name	Greenfield Global Inc.
Address	6985 Financial Drive
	Missisauga, Ontario L5N 0G3
	Canada
Telephone	(905) 790-7500
Website	http://www.greenfield.com
24-Hour Emergency Contact:	CHEMTREC: 1-800-424-9300

2. Hazard identification

Physical hazards	Flammable liquids	Category 2
Health hazards	Serious eye damage/eye irritation	Category 2A
	Germ cell mutagenicity	Category 1B
	Carcinogenicity	Category 1B
	Reproductive toxicity	Category 2
Environmental hazards	Hazardous to the aquatic environment, acute hazard	Category 3
	Hazardous to the aquatic environment, long-term hazard	Category 3

Label elements



Disposal	Dispose of contents/container in accordance with local/regional/national/international regulations.
Supplemental information	None.
Other hazards	None known.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS number	%
Ethanol		64-17-5	94 - < 99
Pentane		109-66-0	0.8 - < 3
Natural Gasoline		8006-61-9	0.6 - < 2
Other components below re	eportable levels		< 2

All concentrations are in percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

4. First-aid measures

Inhalation	Move to fresh air. Call a physician if symptoms develop or persist.
Skin contact	Take off immediately all contaminated clothing. Rinse skin with water/shower. Get medical attention if irritation develops and persists.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Headache. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Coughing.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically. Thermal burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim under observation. Symptoms may be delayed.
General information	Take off all contaminated clothing immediately. IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before reuse.
5. Fire-fighting measures	
Suitable extinguishing media	Water fog. Alcohol resistant foam. Dry chemical powder. Carbon dioxide (CO2).
Unsuitable extinguishing media	Do not use water jet as an extinguisher, as this will spread the fire.
Specific hazards arising from the chemical	Vapours may form explosive mixtures with air. Vapours may travel considerable distance to a source of ignition and flash back. During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for firefighters	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	In case of fire and/or explosion do not breathe fumes. Move containers from fire area if you can do so without risk.
Specific methods	Use standard firefighting procedures and consider the hazards of other involved materials.

General fire hazards

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Wear appropriate protective equipment and clothing during clean-up. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see section 8 of the SDS.

Highly flammable liquid and vapour.

Methods and materials for containment and cleaning up	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil etc) away from spilled material. Take precautionary measures against static discharge. Use only non-sparking tools. Prevent product from entering drains.
	Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Use a non-combustible material like vermiculite, sand or earth to soak up the product and place into a container for later disposal. Following product recovery, flush area with water.
	Small Spills: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Clean surface thoroughly to remove residual contamination.
	Never return spills to original containers for re-use. Put material in suitable, covered, labelled containers. For waste disposal, see section 13 of the SDS.
Environmental precautions	Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.
7. Handling and storage	
Precautions for safe handling	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not handle, store or open near an open flame, sources of heat or sources of ignition. Protect material from direct sunlight. When using do not smoke. Explosion-proof general and local exhaust ventilation. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Use non-sparking tools and explosion-proof equipment. Avoid contact with eyes. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Wear appropriate personal protective equipment. Avoid release to the environment. Observe good industrial hygiene practices.
Conditions for safe storage, including any incompatibilities	Store locked up. Keep away from heat, sparks and open flame. Prevent electrostatic charge build-up by using common bonding and grounding techniques. Store in a cool, dry place out of direct sunlight. Store in tightly closed container. Store in a well-ventilated place. Keep in an area equipped with sprinklers. Store away from incompatible materials (see section 10 of the SDS).

8. Exposure controls/personal protection

US. ACGIH Threshold Limit Value Components	Туре	Value
Ethanol (CAS 64-17-5)	STEL	1000 ppm
Pentane (CAS 109-66-0)	TWA	1000 ppm
Canada. Alberta OELs (Occupatio	onal Health & Safety Code, Sci	hedule 1, Table 2), as amended
Components	Туре	Value
Ethanol (CAS 64-17-5)	TWA	1880 mg/m3
		1000 ppm
Pentane (CAS 109-66-0)	TWA	1770 mg/m3
Safety Regulation 296/97, as ame	nded)	600 ppm s for Chemical Substances, Occupational Health and Value
Safety Regulation 296/97, as ame		
Safety Regulation 296/97, as ame Components Ethanol (CAS 64-17-5)	nded) Type STEL	s for Chemical Substances, Occupational Health and Value 1000 ppm
Safety Regulation 296/97, as ame Components Ethanol (CAS 64-17-5)	nded) Type	s for Chemical Substances, Occupational Health and Value
Canada. British Columbia OELs. Safety Regulation 296/97, as ame Components Ethanol (CAS 64-17-5) Pentane (CAS 109-66-0) Canada. Manitoba OELs (Reg. 21)	nded) Type STEL TWA	s for Chemical Substances, Occupational Health and Value 1000 ppm 1000 ppm
Safety Regulation 296/97, as ame Components Ethanol (CAS 64-17-5) Pentane (CAS 109-66-0)	nded) Type STEL TWA	s for Chemical Substances, Occupational Health and Value 1000 ppm 1000 ppm
Safety Regulation 296/97, as ame Components Ethanol (CAS 64-17-5) Pentane (CAS 109-66-0) Canada. Manitoba OELs (Reg. 21	nded) Type STEL TWA 7/2006, The Workplace Safety	s for Chemical Substances, Occupational Health and Value 1000 ppm 1000 ppm And Health Act), as amended
Safety Regulation 296/97, as ame Components Ethanol (CAS 64-17-5) Pentane (CAS 109-66-0) Canada. Manitoba OELs (Reg. 21 Components	nded) Type STEL TWA 7/2006, The Workplace Safety Type	s for Chemical Substances, Occupational Health and Value 1000 ppm 1000 ppm And Health Act), as amended Value
Safety Regulation 296/97, as ame Components Ethanol (CAS 64-17-5) Pentane (CAS 109-66-0) Canada. Manitoba OELs (Reg. 21) Components Ethanol (CAS 64-17-5) Pentane (CAS 109-66-0)	nded) Type STEL TWA 7/2006, The Workplace Safety Type STEL TWA hreshold Limit Values (TLVs)	s for Chemical Substances, Occupational Health and Value 1000 ppm 1000 ppm And Health Act), as amended Value 1000 ppm

Canada. New Brunswick OELs: Threshold Limit Values (TLVs) Based on the 1991 and 1997 ACGIH TLVs and BEIs

Components	Туре	Value	
		1000 ppm	
Pentane (CAS 109-66-0)	STEL	2210 mg/m3	
		750 ppm	
	TWA	1770 mg/m3	
		600 ppm	
Canada. Ontario OELs. (Co Components	ontrol of Exposure to Biological or Che Type	emical Agents), as amended Value	
Ethanol (CAS 64-17-5)	STEL	1000 ppm	
Pentane (CAS 109-66-0)	TWA	1000 ppm	
· · · · · ·	inistry of Labor - Regulation respecting		
Components	Туре	Value	
Ethanol (CAS 64-17-5)	STEL	1000 ppm	
Natural Gasoline (CAS	STEL	1480 mg/m3	
8006-61-9)		500 ppm	
	TWA	890 mg/m3	
	L WA	300 ppm	
Pentane (CAS 109-66-0)	TWA	1000 ppm	
· · · · · ·			
Canada. Saskatchewan Of Components	ELs (Occupational Health and Safety R Type	egulations, 1996, Table 21), as amended Value	
Ethanol (CAS 64-17-5)	15 minute	1250 ppm	
	8 hour	1000 ppm	
Pentane (CAS 109-66-0)	15 minute	750 ppm	
	8 hour	600 ppm	
logical limit values	No biological exposure limits noted fo	r the ingredient(s).	
oropriate engineering trols	Ventilation rates should be matched to exhaust ventilation, or other engineeri exposure limits. If exposure limits hav acceptable level. Provide eyewash sta	-	
ividual protection measures Eye/face protection	s, such as personal protective equipme Wear safety glasses with side shields	e nt (or goggles). Chemical goggles are recommended.	
Skin protection			
Hand protection		loves. Suitable gloves can be recommended by the glove penetrate the gloves. Frequent change is advisable.	
Other	Wear appropriate chemical resistant o	lothing. Use of an impervious apron is recommended.	
Respiratory protection	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. Respirator type: Chemical respirator w organic vapour cartridge and full facepiece. Use a positive-pressure air-supplied respirator if the is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.		
Thermal hazards	Wear appropriate thermal protective o	lothing, when necessary.	
eral hygiene Observe any medical surveillance r siderations personal hygiene measures, such a		uirements. When using do not smoke. Always observe g washing after handling the material and before eating, vash work clothing and protective equipment to remove	

9. Physical and chemical properties

5. Filysical and chemical p	hopenies
Appearance	
Physical state	Liquid.
Form	Liquid.
Colour	Colourless.
Odour	Gasoline-like.
Odour threshold	0.1 - 5100 ppm (for Ethanol) Approximate
рН	6.8 (ASTM D6423)
Melting point/freezing point	< -80 °C (< -112 °F) (ASTM D5972)
Initial boiling point and boiling range	61.7 °C (143.06 °F) (ASTM D1078)
Flash point	< 10 °C (< 50 °F) Tag closed cup (ASTM D 56)
Evaporation rate	2.3 (Butyl acetate = 1)
Flammability (solid, gas)	Not applicable.
Upper/lower flammability or expl	losive limits
Explosive limit - lower (%)	3.3 (for Ethanol)
Explosive limit – upper (%)	19 (for Ethanol)
Vapour pressure	5.87 kPa Ethanol (20 °C (68 °F))
Vapour density	1.7 (Air = 1)
Relative density	0.7867 (20 °C (68 °F))
Solubility(ies)	
Solubility (water)	Partial
Partition coefficient (n-octanol/water)	0.032 Approximate
Auto-ignition temperature	422 °C (791.6 °F) Approximate
Decomposition temperature	Not available.
Viscosity	1.35 cP (20 °C (68 °F)) estimated
Other information	
Kinematic viscosity	1.481 mm²/s (20 °C (68 °F))
Oxidising properties	Not oxidising.
Percent volatile	100 % v/v
10. Stability and reactivity	
Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to sucid	Avoid boot, aparka, apap flamos and other ignition sources. Avoid temperatures exceeding the

Conditions to avoidAvoid heat, sparks, open flames and other ignition sources. Avoid temperatures exceeding the
flash point. Contact with incompatible materials.Incompatible materialsStrong oxidising agents.Hazardous decomposition
productsCarbon dioxide (CO2).

11. Toxicological information

Information on likely routes of exposure

Inhalation	Prolonged inhalation may be harmful.
Skin contact	No adverse effects due to skin contact are expected.
Eye contact	Causes serious eye irritation.
Ingestion	Expected to be a low ingestion hazard.

Information on toxicological effects

Acute toxicity Not expected to be acutely toxic.

Acute toxicity	Not expected to be acutely toxic.	
Components	Species	Test Results
Ethanol (CAS 64-17-5)		
<u>Acute</u>		
Inhalation		
Vapour		
LC50	Rat	117 - 125 mg/l, 4 Hours
Oral		
LD50	Rat	10470 mg/kg
Pentane (CAS 109-66-0)		
Other NOAEL	Rat	> 1000 mg/kg/day
-	Nat	> 1000 mg/kg/day
<u>Acute</u> Dermal		
LD50	Rabbit	3000 mg/kg/day
Inhalation	T ABBIT	ooo mg.kg.aay
LC50	Rat	18 mg/l, 4 Hours
Oral		io ing/i, i riouro
LD50	Rat	> 2000 mg/kg/day
<u>Chronic</u>		2000 mg/ng/ndy
Other		
NOAEL	Rat	20 mg/l
Skin corrosion/irritation	Prolonged skin contact may caus	-
Serious eye damage/eye	Causes serious eye irritation.	
irritation		
Respiratory or skin sensitisatio	n	
Respiratory sensitisation	Not a respiratory sensitiser.	
Skin sensitisation	This product is not expected to c	ause skin sensitisation.
Germ cell mutagenicity	May cause genetic defects.	
Carcinogenicity	Suspected of causing cancer.	
Canada - Manitoba OELs: c	arcinogenicity	
Ethanol (CAS 64-17-5)		Confirmed animal carcinogen with unknown relevance to humans
Canada - Quebec OELs: Ca		
Natural Gasoline (CAS 8		Detected carcinogenic effect in animals.
Natural Gasoline (CAS 8	Evaluation of Carcinogenicity	2B Possibly carcinogenic to humans.
Reproductive toxicity	Suspected of damaging fertility c	
Specific target organ toxicity -	Not classified.	
single exposure	Not classified.	
Specific target organ toxicity - repeated exposure	Not classified.	
Aspiration hazard	Not an aspiration hazard.	
Chronic effects	Prolonged inhalation may be har	mful. Prolonged exposure may cause chronic effects.
12. Ecological information	ı	
Ecotoxicity	Harmful to aquatic life with long l	asting effects.
-		

 with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. cal disposal regulations Dispose in accordance with all applicable regulations. The waste code should be assigned in discussion between the user, the producer and the wast disposal company. bispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). 	Components		Species	Test Results	
Algae EC10 Freshwater algae 275 mgl, 72 hours Fish LC50 Freshwater fish 275 mgl, 72 hours NOEC Freshwater fish 250 mgl, 24 hours Invertebrate EC50 Freshwater invertebrate 5012 mgl, 48 hours Invertebrate EC50 Freshwater invertebrate 857 mgl, 48 hours Marine water invertebrate 9.6 mgl, 10 days Marine water invertebrate 9 mgl, 90 fob nors Other EC50 Lemna minor 280 mgl, 7 days Other EC50 Lemna minor 833 mg/kg dw Terrestrial, plants Plant EC50 Terrestrial plant 633 mg/kg dw Terrestrial, plants Pentane (CAS 109-66-0) Acute 633 mg/kg dw Terrestrial, plants Acute EC50 Selenastrum capricornutum (new Pseudokirchneriella subcapta 7.51 mgl, 72 Hours Pentane (CAS 109-66-0) Acute 2.7 mgl, 48 Hours Acute Selenastrum capricornutum (new Pseudokirchneriella subcapta 7.51 mgl, 96 Hours Fish LC50 Daphnia magna 2.7 mgl, 48 Hours Statec and degradability Nodata available. 0.032, Approximate Fish LC50 0.33 3.39 Pharce (Ans 109-66-0) 3.39 3.39 Pattor (CAS 64-17-5) <t< td=""><td>. ,</td><td></td><td></td><td></td></t<>	. ,				
EC50Freshwater algae275 mg/l, 72 hoursFishLC60Freshwater fish11200 mg/l, 24 hoursNOECFreshwater fish250 mg/lInvertebrateEC50Freshwater invertebrate857 mg/l, 48 hoursMarine water invertebrate9.6 mg/l, 10 daysMarine water invertebrate9.6 mg/l, 10 daysOtherEC50Lemma minor4432 mg/l, 7 daysOtherEC50Lemma minor280 mg/l, 7 daysMicro-organismsLC50Micro-organisms5800 mg/l, 4 hoursTerrestrialPlantEC50Terrestrial plant633 mg/kg dw Terrestrial, plantsPentane (CAS 109-66-0)AcuteSelenastrum capricornutum (new Pseudokirchneila subcapita7.51 mg/l, 72 hoursAquatic AcuteAcuteSelenastrum capricornutum (new pseudokirchneila subcapita7.51 mg/l, 72 hoursPartition coefficient n-officient n-offi	-	FC10	Freeburter algee	11 5 mg/ 72 hours	
Fish LC50 Freshwater fish 11200 mg/l, 24 hours NOEC Freshwater fish 250 mg/l Invertebrate EC50 Freshwater invertebrate 5012 mg/l, 48 hours Marine water invertebrate 9.6 mg/l, 10 days Marine water invertebrate 9.6 mg/l, 10 days NOEC Freshwater invertebrate 79 mg/l, 96 hours Marine water invertebrate 79 mg/l, 7 days Other EC50 Lemna minor 4432 mg/l, 7 days Marine water invertebrate 79 mg/l, 96 hours Other EC50 Lemna minor 4432 mg/l, 7 days Marine water invertebrate 78 mg/l, 96 hours Other EC50 Terrestrial plant 633 mg/kg dw Terrestrial, plants Feedowich meriella subcapita Pentane (CAS 109-66-0) Acute Crustacea EC50 Dephnia magna 2.7 mg/l, 48 Hours Fish LC50 Onchrynchus mykiss 4.26 mg/l, 96 Hours Acute Grustacea EC50 Dephnia magna 2.7 mg/l, 48 Hours Acute Fish LC50 Oncorhynchus mykiss 4.26 mg/l, 96 Hours Acute DA2C (Anhylorous) 0.32 Approximate Approximate	Algae		·	0	
NOEC Freshwater invertebrate 250 mgl Invertebrate EC50 Freshwater invertebrate 5012 mgl, 48 hours NCEC Freshwater invertebrate 857 mgl, 48 hours NCEC Freshwater invertebrate 9 mgl, 96 hours Other EC50 Lemma minor 4432 mgl, 7 days Other EC50 Lemma minor 430 mgl, 48 hours Other EC50 Lemma minor 630 mgl, 4 hours Other EC50 Micro-organisms 5800 mgl, 4 hours Pentane (CAS 109-66-0) Acute 633 mg/kg dw Terrestrial, plants Acute EC50 Selenastrum capricornutum (new Pseudokirchneriella subcapita 7.51 mgl, 72 Hours Acute Crustacea EC50 Ophynia magna 2.7 mgl, 48 Hours Fish LC50 Onechrynchus mykis 4.26 mgl, 96 Hours Partition coofficient noctar-visit No data available No32, Approximate Ethanol (CAS 64-17.5) -0.35 -0.35 Pentane (CAS 109-66.0) 3.39 Selenastrum explants Disposal consideratits Treprduct conta	- : 1		Ũ	-	
Invertebrate EC50 Freshwater invertebrate 5012 mg/l, 48 hours Marine water invertebrate 867 mg/l, 48 hours NOEC Freshwater invertebrate 9.6 mg/l, 10 days Marine water invertebrate 79 mg/l, 96 hours Other EC50 Lemna minor 4432 mg/l. 7 days Other NOEC Lemna minor 280 mg/l, 7 days Other EC50 Terrestrial plant 5800 mg/l, 4 hours Terrestrial Plant EC50 Terrestrial plant 633 mg/kg dw Terrestrial, plants Pentane (CAS 109-66-0) <i>Acute</i> EC50 Selenastrum capricornutum (new 7.51 mg/l, 72 Hours Pentane (CAS 109-66-0) <i>Acute</i> C500 Selenastrum capricornutum (new 7.51 mg/l, 72 Hours Pentane (CAS 109-66-0) <i>Acute</i> C500 Oncorhynchus mykiss 4.26 mg/l, 96 Hours Tish LC50 Oncorhynchus mykiss 4.26 mg/l, 96 Hours Tish LC50 Oncorhynchus mykiss 4.26 mg/l, 96 Hours Tish LC50 Oncorhynchus mykiss 4.26 mg/l, 96 Hours No data is available on the degradability of any ingredient in the mixture. Caustacea IC50 Oncorhynchus mykiss 4.26 mg/l, 96 Hours Tish LC50 Oncorhynchus mykiss 4.26 mg/l, 96 Hours Tish No data is available. The product contains volatile organic compounds which have a photochemical ozone creation potential. DA2C (Antylorous) 0.032. Approximate Ethanol (CAS 64-17-5) 0.35 Deltity in soil No data available. The product contains volatile organic compounds which have a photochemical ozone creation potential. DISposal consideration this material to drain into severs/water supplies. Do not contaminate ponds, waterways or dict with chemical or used container on bispose of contents/container at licensed waste disposal site. Do not allow this material to drain into severs/water supplies. Do not contaminate ponds, waterways or dict with chemical or used container. Supples. Do not contaminate ponds, waterways or dict with chemical or used containers supples. Do not contaminate ponds, waterways or dict with chemical or used containers supples. Do not contaminate ponds, waterways or dict with chemical or used containers in product residues. This material and its container must be disposal of no as demanner (see: Disposal instructions).	Fish				
Marine water invertebrate 857 mg/l, 48 hours NOEC Freshwater invertebrate 9.6 mg/l, 10 days Marine water invertebrate 79 mg/l, 96 hours Other EC50 Lemna minor 4432 mg/l, 7 days Other EC50 Lemna minor 280 mg/l, 7 days Other EC50 Micro-organisms 5800 mg/l, 4 hours Terrestrial Farrestrial 5800 mg/l, 4 hours 1000000000000000000000000000000000000				·	
NOEC Freshwater invertebrate 9.6 mg/l, 10 days Marine water invertebrate 79 mg/l, 96 hours Other EC50 Lemna minor 4432 mg/l, 7 days Other EC50 Lemna minor 280 mg/l, 7 days Other Micro-organisms LC50 Micro-organisms 5800 mg/l, 7 days Terrestrial Terrestrial 5800 mg/l, 4 hours 633 mg/kg dw Terrestrial, plants Pentane (CAS 109-66-0) Acute 633 mg/kg dw Terrestrial, plants Acute EC50 Selenastrum capricornutum (new Pseudokirchneriella subcapita 7.51 mg/l, 72 Hours Aquatic Acute Selenastrum capricornutum (new Pseudokirchneriella subcapita 2.7 mg/l, 48 Hours Fish LC50 Oncorhynchus mykiss 4.26 mg/l, 96 Hours raccumative potential No data is auilable on the degradability of any ingredients in the mixture. Partition coefficient no-otable -0.35 Partition coefficient no-otable -0.35 Disposal considerations Collect and reclaim or dispose in sealed containers at icordance with is auterial to drain into severs/water supplies. Do not contaminate ponds, waterways or dict with chemical or used containers at icordance with chemical in auditonos. Disposa	Invertebrate	EC50			
Marine water invertebrate79 mg/l, 96 hoursOtherEC50Lemna minor4432 mg/l, 7 daysNOECLemna minor280 mg/l, 7 daysOtherMicro-organisms5800 mg/l, 4 hoursTerrestrialPlantEC50Terrestrial plant633 mg/kg dw Terrestrial, plantsPentane (CAS 109-66-0)AcuteEC50Selenastrum capricornutum (new Pseudokirchneriella subcapita7.51 mg/l, 72 HoursAquaticAcuteEC50Daphnia magna2.7 mg/l, 48 HoursAquaticAcuteCC50Daphnia magna2.7 mg/l, 48 HoursFishLC50Donorhynchus mykiss4.26 mg/l, 96 HoursSistence and degradabilityNo data is available on the degradability of any ingredients in the mixture.acaccumulative potential0.032, ApproximateEthanol (CAS 109-66-0)3.39DA-2C (Anhydrous)0.032, ApproximateLethanol (CAS 109-66-0)3.39bility in soilNo data available.rer adverse effectsThe product contains volatile organic compounds which have a photochemical ozone creation potential Disposal considerationsDispose in accordance with all applicable regulations addisposal instructionsDispose in accordance with all applicable regulations.at disposal considerationsDispose in accordance with all applicable regulations addisposal considerationsDispose of in accordance with all applicable regulations addisposal considerationsDispose of in accordance with local regulations addisposal considerationsDispose of			Marine water invertebrate	857 mg/l, 48 hours	
OtherECS0Lemna minor4432 mg/l, 7 daysNOECLemna minor280 mg/l, 7 daysOtherMicro-organisms280 mg/l, 7 daysMicro-organismsLCS0Micro-organisms5800 mg/l, 4 hoursTerrestrialPlantECS0Terrestrial plant633 mg/kg dw Terrestrial, plantsPentane (CAS 109-66-0)AcuteECS0Selenastrum capricomutum (new Pseudokirohneriella subcapita7.51 mg/l, 72 HoursAquaticAcuteCrustaceaECS0Daphnia magna2.7 mg/l, 48 HoursCrustaceaECS0Daphnia magna2.7 mg/l, 48 HoursFishLCS0Oncorhynchus mykiss4.26 mg/l, 96 HoursstatementalVater (log Kow 9.3.390.032, ApproximatePartition coefficient n-octamol / water (log Kow)0.032, ApproximateDA-20 (Anhydrous)0.032, ApproximateEthanol (CAS 109-66-0)3.39bility in soilNo data available.ter adverse effectsThe product contains volatile organic compounds which have a photochemical ozone creation potential.DiSposal considerationsCollect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into severs/water supplies. Do not containariate ponds, waterways or ditch with chemical or used container. Dispose of contents/container in accordance with local regulations.Ladisposal regulationsCollect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into severs/water supplies. Do not container in accordance with local regulations.Ladid		NOEC	Freshwater invertebrate	9.6 mg/l, 10 days	
NOEC Lemna minor 280 mg/l, 7 days Other Micro-organisms LC50 Micro-organisms 5800 mg/l, 4 hours Terrestrial Plant EC50 Terrestrial plant 633 mg/kg dw Terrestrial, plants Pentane (CAS 109-66-0) Acute 633 mg/kg dw Terrestrial, plants Acute EC50 Selenastrum capricornutum (new Pseudokirchneriella subcapita 7.51 mg/l, 72 Hours Aquatic Acute Z.7 mg/l, 48 Hours 100 mg/l, 90 Hours Fish LC50 Oncorthynchus mykiss 4.26 mg/l, 96 Hours restenent Cass 109-66-0) No data is available on the degradability of any ingredients in the mixture. Acute No data is available on the degradability of any ingredients in the mixture. Crustacea LC50 0.032, Approximate Partition coefficient n-octamol / water (log Kw) 0.032, Approximate DA-2C (Anhydrous) 0.032, Approximate Ethanol (CAS 109-66-0) 3.39 Disposal considerations The product contains volatile organic compounds which have a photochemical ozone creation potential. . Disposal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into severs/water supplies. Do not containinate ponds, waterways or ditch with chemical or used container. Dispose of containinate ponds, ontaininate ponds, waterways or ditch with che			Marine water invertebrate	79 mg/l, 96 hours	
Other Micro-organisms LC50 Micro-organisms 5800 mg/l, 4 hours Terrestrial Firestrial plant 633 mg/kg dw Terrestrial, plants Pentane (CAS 109-66-0) Acute 633 mg/kg dw Terrestrial, plants Acute EC50 Selenastrum capricornutum (new Pseudokirchneriella subcapita 7.51 mg/l, 72 Hours Aquatic Acute 7.51 mg/l, 72 Hours Pseudokirchneriella subcapita Fish LC50 Daphnia magna 2.7 mg/l, 48 Hours Fish LC50 Oncorhynchus mykiss 4.26 mg/l, 96 Hours Partition coefficient n-octanol / water (log Kow) 0.032, Approximate Ethanol (CAS 109-66-0) 3.39 Pentane (CAS 109-66-0) 3.39 Sistence and degradability of any ingredients in the mixture. DA-2C (Anhydrous) 0.032, Approximate Ethanol (CAS 64-17-5) -0.35 Pentane (CAS 109-66-0) 3.39 Sistence and wasel disposal consticeration potential Disposal considerations Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not containniate ponds, waterways or ditch with cleantre containcon unal/international regulations. cal disposal regulations Dispose in accordance with all applicable	Other	EC50	Lemna minor	4432 mg/l, 7 days	
Micro-organismsLC50Micro-organisms5800 mg/l, 4 hoursTerrestrial PlantEC50Terrestrial plant633 mg/kg dw Terrestrial, plantsPentane (CAS 109-66-0) AcuteEC50Selenastrum capricornutum (new Pseudokirchn=riella subcapita7.51 mg/l, 72 HoursAquatic AcuteEC50Daphnia magna2.7 mg/l, 48 HoursPishLC50Daphnia magna2.7 mg/l, 48 HoursPartition coefficient no-tar Pentane (CAS 109-66-0)No data is avallable on the degradability of any ingredients in the mixture.Partition coefficient no-tar Pentane (CAS 109-66-0)No data available.0.032, Approximate - 0.33Partition coefficient no-tar Pentane (CAS 109-66-0)No data available.DescentionDisposal considerations cardous waste offectsCollect and reclaim or dispose in sealed containers at lice-sed waste disposal site. Do not allow with chemical or used container. Dispose of contents/containeria to contaminate ponds, waterways or dick with chemical or used container. Dispose of contents/containers at lice-sed waste disposal site. Do not allow with chemical or used container. Dispose of contents/containers at lice-sed waste disposal site. Do not allow with chemical or used container. Dispose of contents/containers at lice-sed waste disposal site. Do not allow with chemical or used container. Dispose of contents/containers at lice-sed waste disposal site. Do not allow with chemical or used container. Dispose of contents/containers at lice-sed waste disposal site. Do not allow with chemical or used container. Dispose of contents/containers at lice-sed waste disposal site. Do not allow with chemical or used container. Dispose of contents/container at lice-sed waste disposal site. Do n		NOEC	Lemna minor	280 mg/l, 7 days	
Terrestrial PlantEC50Terrestrial plant633 mg/kg dw Terrestrial, plantsPentane (CAS 109-66-0) Acute </td <td>Other</td> <td></td> <td></td> <td></td>	Other				
Plant EC50 Terrestrial plant 633 mg/kg dw Terrestrial, plants Pentane (CAS 109-66-0) Acute Acute 633 mg/kg dw Terrestrial, plants Acute EC50 Selenastrum capricornutum (new Pseudokirchneneila subcapita 7.51 mg/l, 72 Hours Aquatic Acute Constancea EC50 Daphnia magna 2.7 mg/l, 48 Hours Fish LC50 Oncorhynchus mykiss 4.26 mg/l, 96 Hours resistence and degradability No data is available on the degradability of any ingredients in the mixture. Partition coefficient n-octamol / water (log Kow) 0.032, Approximate Etamol (CAS 64-17.5) DA-2C (Anhydrous) 0.032, Approximate Etamol (CAS 64-17.5) O.035 Pentane (CAS 109-66-0) 3.39 No data available. Deproduct contains volatile organic compounds which have a photochemical ozone creation potential. Disposal considerations: Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or dict with chemical or used container. Dispose of contents/contaminate ponds, waterways or dict with chemical organizational/national/international regulations. Internetions Collect and reclaim or dispose in accordance with all applicable regulations. Earoreacordance with all applicable regulations. <td>Micro-organisms</td> <td>LC50</td> <td>Micro-organisms</td> <td>5800 mg/l, 4 hours</td>	Micro-organisms	LC50	Micro-organisms	5800 mg/l, 4 hours	
Pentane (CAS 109-66-0) Acute EC50 Selenastrum capricornutum (new Pseudokirchneriella subcapita 7.51 mg/l, 72 Hours Aquatic Acute Aquatic Acute 7.51 mg/l, 72 Hours Aquatic Acute 2.7 mg/l, 48 Hours 4.26 mg/l, 96 Hours Fish LC50 Oncorhynchus mykiss 4.26 mg/l, 96 Hours vacuumulative potential No data is available on the degradability of any ingredients in the mixture. Partition coefficient n-octanol / water (log Kow) 0.032, Approximate DA-2C (Anhydrous) 0.032, Approximate Pentane (CAS 109-66-0) 3.39 bility in soil No data available. ter adverse effects The product contains volatile organic compounds which have a photochemical ozone creation potential. . Disposal considerations Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditch with chemical or used container. Dispose of contents/container in accordance with local/regional/inational/international regulations. clad disposal regulations Dispose in accordance with all applicable regulations. tradict advectore should be assigned in discussion between the user, the producer and the wast disposal organy. biste from residues / unused Dispose of in accordance w	Terrestrial				
Acute EC50 Selenastrum capricornutum (new Pseudokirchneriella subcapita 7.51 mg/l, 72 Hours Aquatic Acute Pseudokirchneriella subcapita 7.51 mg/l, 72 Hours Acute Crustacea EC50 Daphnia magna 2.7 mg/l, 48 Hours Fish LC50 Oncorhynchus mykiss 4.26 mg/l, 96 Hours resistence and degradability No data is available on the degradability of any ingredients in the mixture. Partition coefficient n-octanol / water (log Kow) 0.032, Approximate DA-2C (Anhydrous) 0.032, Approximate Ethanol (CAS 64-17-5) -0.35 Pentane (CAS 109-66-0) 3.39 bility in soil No data available. rear adverse effects The product contains volatile organic compounds which have a photochemical ozone creation potential. . Disposal considerations .posal instructions Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into severs/water supplies. Do not contaminate ponds, waterways or ditch with chemical or used container. Dispose of on accordance with local/regulations. cal disposal regulations Dispose in accordance with all applicable regulations. cal disposal regulations Dispose of in accordance with local regulations. Empty ontainers or	Plant	EC50	Terrestrial plant	633 mg/kg dw Terrestrial, plants	
EC50 Selenastrum capricornutum (new Pseudokirchneriella subcapita 7.51 mg/l, 72 Hours Aquatic Acute Acute Image: Constance 2.7 mg/l, 48 Hours Crustacea EC50 Daphnia magna 2.7 mg/l, 48 Hours Fish LC50 Oncorhynchus mykiss 4.26 mg/l, 96 Hours resistence and degradability No data is available on the degradability of any ingredients in the mixture. maccumulative potential 0.032, Approximate Partition coefficient n-octanol / water (log Kow) 0.032, Approximate DA-2C (Anhydrous) 0.032, Approximate Ethanol (CAS 64-17-5) 0.339 Pentane (CAS 109-66-0) 3.39 bility in soil No data available. ter adverse effects The product contains volatile organic compounds which have a photochemical ozone creation potential. . Disposal considerations Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditch local/regional/national/national regulations. cal disposal regulations Dispose in accordance with all applicable regulations. cal disposal regulations Dispose in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its con	Pentane (CAS 109-66-0)				
Aquatic Acute Acute EC50 Daphnia magna 2.7 mg/l, 48 Hours Fish LC50 Oncorhynchus mykiss 4.26 mg/l, 96 Hours resistence and degradability No data is available on the degradability of any ingredients in the mixture. Partition coefficient n-octanol / water (log Kow) D.032, Approximate DA-2C (Anhydrous) 0.032, Approximate Ethanol (CAS 64-17-5) -0.35 Pentane (CAS 109-66-0) 3.39 bility in soil No data available. ter adverse effects The product contains volatile organic compounds which have a photochemical ozone creation potential. . Disposal considerations Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditch with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. cal disposal regulations Dispose in accordance with all applicable regulations. ter from residues / unused Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). ntaminated packaging Sine containers may retain product residue, follow label warnings even after conta	Acute				
Acute CrustaceaEC50Daphnia magna2.7 mg/l, 48 HoursFishLC50Oncorhynchus mykiss4.26 mg/l, 96 Hoursresistence and degradability commutative potentialNo data is available on the degradability of any ingredients in the mixture.Partition coefficient n-octanol/ water (log Kours)0.032, ApproximateDA-2C (Anhydrous)0.032, ApproximateEthanol (CAS 64-17-5)-0.35Pentane (CAS 109-66-0)3.39bility in soilNo data available.ner adverse effectsThe product contains volatile organic compounds which have a photochemical ozone creation potential Disposal considerationsCollect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditch with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.cal disposal regulationsDispose in accordance with all applicable regulations.cal disposal regulationsDispose in accordance with local regulations.cal disposal regulationsDispose in accordance with local regulations Dispose form residues / unusedDispose of in accordance with local regulations Dispose fin accordance with local regulations.Dispose of in accordance with local regulations Dispose in structionsDispose of in accordance with local regulations Dispose in instructions)Dispose of in accordance with local regulations Et form residues / unusedDispose of in accordance with local regulations.<		EC50		7.51 mg/l, 72 Hours	
CrustaceaEC50Daphnia magna2.7 mg/l, 48 HoursFishLC50Oncorhynchus mykiss4.26 mg/l, 96 Hourssistence and degradabilityNo data is available on the degradability of any ingredients in the mixture.accumulative potentialPartition coefficient n-octarol / water (log Kow)DA-2C (Anhydrous)0.032, ApproximateDA-2C (Anhydrous)0.032, ApproximateEthanol (CAS 64-17-5)-0.35Pentane (CAS 109-66-0)3.39bility in soilNo data available.The product contains volatile organic compounds which have a photochemical ozone creation potential.Disposal considerationsThe product contains volatile organic compounds which have a photochemical ozone creation potential.Jointo collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditch with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.cardous waste codeThe waste code should be assigned in discussion between the user, the producer and the wast disposal instructions).ate from residues / unusedDispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). <td col<="" td=""><td>Aquatic</td><td></td><td></td><td></td></td>	<td>Aquatic</td> <td></td> <td></td> <td></td>	Aquatic			
Fish LC50 Oncorhynchus mykiss 4.26 mg/l, 96 Hours resistence and degradability No data is available on the degradability of any ingredients in the mixture. Partition coefficient n-octanol / water (log Kow) 0.032, Approximate DA-2C (Anhydrous) 0.032, Approximate Ethanol (CAS 64-17-5) -0.35 Pentane (CAS 109-66-0) 3.39 bility in soil No data available. ner adverse effects The product contains volatile organic compounds which have a photochemical ozone creation potential. . Disposal considerations Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditch with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. cal disposal regulations Dispose in accordance with all applicable regulations. cardous waste code The waste code should be assigned in discussion between the user, the producer and the wast disposal instructions). ste from residues / unused of unused out residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). ntaminated packaging Since emptied containers may retain product residue, follow label warnings even after containe emptied. Empty containers should be taken to an approved waste handling site for recycling	Acute				
rsistence and degradability No data is available on the degradability of any ingredients in the mixture. Partition coefficient n-octanol / water (log Kow) 0.032, Approximate DA-2C (Anhydrous) 0.032, Approximate Ethanol (CAS 64-17-5) -0.35 Pentane (CAS 109-66-0) 3.39 bility in soil No data available. The product contains volatile organic compounds which have a photochemical ozone creation potential. . Disposal considerations collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditch with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. cal disposal regulations Dispose in accordance with all applicable regulations. cardous waste code The waste code should be assigned in discussion between the user, the producer and the wast disposal company. ste from residues / unused ducts Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal sitructions). ntaminated packaging Since emptied containers may retain product residue, follow label warnings even after containe emptied. Empty containers should be taken to an approved waste handling site for recycling or	-			2.7 mg/l, 48 Hours	
Partition coefficient n-octanol / water (log Kow) DA-2C (Anhydrous) 0.032, Approximate Ethanol (CAS 64-17-5) -0.35 Pentane (CAS 109-66-0) 3.39 bility in soil No data available. mer adverse effects The product contains volatile organic compounds which have a photochemical ozone creation potential. . Disposal considerations Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditch with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. cal disposal regulations Dispose in accordance with all applicable regulations. zardous waste code The waste code should be assigned in discussion between the user, the producer and the wast disposal company. ste from residues / unused disposal instructions). Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). ntaminated packaging Since emptied containers may retain product residue, follow label warnings even after containe emptied. Empty containers should be taken to an approved waste handling site for recycling or product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).	Fish	LC50	Oncorhynchus mykiss	4.26 mg/l, 96 Hours	
Partition coefficient n-octanol / water (log Kow) 0.032, Approximate DA-2C (Anhydrous) 0.032, Approximate Ethanol (CAS 64-17-5) -0.35 Pentane (CAS 109-66-0) 3.39 bility in soil No data available. ner adverse effects The product contains volatile organic compounds which have a photochemical ozone creation potential. . Disposal considerations Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditch with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. cal disposal regulations Dispose in accordance with all applicable regulations. zardous waste code The waste code should be assigned in discussion between the user, the producer and the wast disposal company. ste from residues / unused of ducts Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). ntaminated packaging Since emptied containers may retain product residue, follow label warnings even after container emptied. Empty containers should be taken to an approved waste handling site for recycling or product residue and proved waste handling site for recycling or product residue and proved waste handling site for recycling or product residue and proved waste handling site		No data is	available on the degradability of any ingre	dients in the mixture.	
Ethanol (CAS 64-17-5) -0.35 Pentane (CAS 109-66-0) 3.39 bility in soil No data available. mer adverse effects The product contains volatile organic compounds which have a photochemical ozone creation potential. . Disposal considerations Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditch with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. cal disposal regulations Dispose in accordance with all applicable regulations. zardous waste code The waste code should be assigned in discussion between the user, the producer and the waste disposal company. bispose of in accordance with local regulations. Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). material packaging Since emptied containers may retain product residue, follow label warnings even after containe emptied. Empty containers should be taken to an approved waste handling site for recycling or	Partition coefficient n-octa	nol / water (l	og Kow)		
Pentane (CAS 109-66-0) 3.39 bility in soil No data available. ner adverse effects The product contains volatile organic compounds which have a photochemical ozone creation potential. . Disposal considerations Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditch with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. cal disposal regulations Dispose in accordance with all applicable regulations. ste from residues / unused oducts Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). ntaminated packaging Since emptied containers may retain product residue, follow label warnings even after containe emptied. Empty containers should be taken to an approved waste handling site for recycling or					
bility in soilNo data available.ner adverse effectsThe product contains volatile organic compounds which have a photochemical ozone creation potential Disposal considerationsCollect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditch with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.cal disposal regulationsDispose in accordance with all applicable regulations.zardous waste codeThe waste code should be assigned in discussion between the user, the producer and the wast disposal company.ste from residues / unused oductsDispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).ntaminated packagingSince emptied containers may retain product residue, follow label warnings even after container emptied. Empty containers should be taken to an approved waste handling site for recycling or					
ner adverse effectsThe product contains volatile organic compounds which have a photochemical ozone creation potential Disposal considerationsCollect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditch with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.cal disposal regulations zardous waste codeDispose in accordance with all applicable regulations.the waste code should be assigned in discussion between the user, the producer and the wast disposal company.ste from residues / unused oductsDispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).ntaminated packagingSince emptied containers may retain product residue, follow label warnings even after container emptied. Empty containers should be taken to an approved waste handling site for recycling or	. ,	No data av			
Disposal considerationssposal instructionsCollect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditch with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.cal disposal regulations zardous waste codeDispose in accordance with all applicable regulations.the waste code should be assigned in discussion between the user, the producer and the waste disposal company.ste from residues / unused oductsDispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).ntaminated packagingSince emptied containers may retain product residue, follow label warnings even after container emptied. Empty containers should be taken to an approved waste handling site for recycling or	-	The produ		ich have a photochemical ozone creation	
Apposal instructionsCollect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditch with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.Cal disposal regulations zardous waste codeDispose in accordance with all applicable regulations.The waste code should be assigned in discussion between the user, the producer and the wast disposal company.Ste from residues / unused oductsDispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).Intaminated packagingSince emptied containers may retain product residue, follow label warnings even after container emptied. Empty containers should be taken to an approved waste handling site for recycling or	. Disposal consideratio	•			
 this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditch with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations. cal disposal regulations cal disposal regulations cardous waste code bispose in accordance with all applicable regulations. The waste code should be assigned in discussion between the user, the producer and the wast disposal company. bispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions). Since emptied containers may retain product residue, follow label warnings even after container emptied. Empty containers should be taken to an approved waste handling site for recycling or 	-		d reclaim or dispose in sealed containers a	t licensed waste disposal site. Do not allov	
zardous waste codeThe waste code should be assigned in discussion between the user, the producer and the wast disposal company.ste from residues / unused oductsDispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).ntaminated packagingSince emptied containers may retain product residue, follow label warnings even after container emptied. Empty containers should be taken to an approved waste handling site for recycling or		this mater with chem	this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditch with chemical or used container. Dispose of contents/container in accordance with		
ste from residues / unused oductsDispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).Intaminated packagingSince emptied containers may retain product residue, follow label warnings even after container emptied. Empty containers should be taken to an approved waste handling site for recycling or	al disposal regulations				
oductsproduct residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).Intaminated packagingSince emptied containers may retain product residue, follow label warnings even after container emptied. Empty containers should be taken to an approved waste handling site for recycling or	zardous waste code			tween the user, the producer and the wast	
emptied. Empty containers should be taken to an approved waste handling site for recycling or		Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see:			
	ntaminated packaging	Since emptied containers may retain product residue, follow label warnings even after container i emptied. Empty containers should be taken to an approved waste handling site for recycling or			
	. Transport informatior				

TDG

UN number	UN3475
UN proper shipping name	ETHANOL AND GASOLINE MIXTURE

Transport hazard class(es)		
Class	3	
Subsidiary risk	-	
Packing group	II	
Environmental hazards	No.	
	· Read safety instructions, SDS and emergency procedures before handlin	g.
ΙΑΤΑ		
UN number	UN3475	
UN proper shipping name	Ethanol and gasoline mixture with more than 10% ethanol	
Transport hazard class(es)		
Class Subsidiary risk	3	
Packing group	-	
Environmental hazards	No.	
ERG Code	3L	
Special precautions for user	 Read safety instructions, SDS and emergency procedures before handlin 	g.
IMDG		
UN number	UN3475	
UN proper shipping name	ETHANOL AND GASOLINE MIXTURE	
Transport hazard class(es) Class	3	
Subsidiary risk	-	
Packing group	II	
Environmental hazards		
Marine pollutant	No.	
EmS	F-E, S-E	
	 Read safety instructions, SDS and emergency procedures before handlin This substance/mixture is not intended to be transported in bulk. 	g.
Transport in bulk according to Annex II of MARPOL 73/78 and	This substance/mixture is not intended to be transported in bulk.	
the IBC Code		
15. Regulatory information	1	
Canadian regulations	This product has been classified in accordance with the hazard criteria of	the HPR and the SDS
C	contains all the information required by the HPR.	
Controlled Drugs and Subst	ances Act	
Not regulated.		
Export Control List (CEPA 1	999, Schedule 3)	
Not listed.		
Greenhouse Gases		
Not listed. Precursor Control Regulatio	ne	
Not regulated.	115	
International regulations		
Stockholm Convention		
Not applicable.		
Rotterdam Convention		
Not applicable.		
Kyoto Protocol		
Not applicable. Montreal Protocol		
Not applicable. Basel Convention		
Not applicable.		
International Inventories		
Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
	,	

Country(s) or region	Inventory name On i	nventory (yes/no)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	Yes
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	Yes
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes
*A "Vee" indicates that all some	nexts of this product comply with the inventory requirements administered by the appendix	

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s) A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information

Issue date	18-October-2021
Revision date	16-October-2023
Version No.	03
Disclaimer	This product is subject to Greenfield Global Inc.'s terms and conditions, which can be found at http://www.greenfield.com/tc-po-can/. The information in this SDS is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. The information in this safety data sheet must be regarded as a description of the safety requirements relating to the material and not as a guarantee of the properties thereof. No warranty guarantee or representation is made to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy itself as to the suitability of such information for its own particular use. This information relates only to the specific product designated and may not be valid for such product used in combination with any other materials or in any process. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations applicable to the use, storage, or handling of the product. THE COMPANY MAKES NO WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COURSE OF PERFORMANCE, OR USAGE OF TRADE, ALL OF WHICH ARE EXPRESSLY DISCLAIMED. Given the variety of factors that can affect the use and application of the product, which are uniquely within the user's knowledge and

control, it is essential that the user evaluate the product to independently determine whether it is fit for a particular purpose, suitable, safe, and/or lawful for user's method of use or application.