

Part No. See Section 1.1 (Aerosol)

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Per-Fix™ for Styrene and Polycarbonate

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

SECTION 1 - IDENTIFICATION

Product Identifier 1.1

: Per-Fix™ for Styrene and Polycarbonate **Product Name**

Manufacturer Product Number : 6500AA, 6500A, 6500B, 6500C

1.2 **Other Means of Identification**

Other Identifiers : Flaw Repair

1.3 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Recommended Use : Touch-up coating for molded plastic parts.

Restrictions on Use : None Identified

1.4 **Supplier Details**

Manufacturer Details Supplier Details Company Name Chem-Pak Inc Chem-Pak Inc **Address** 242 Corning Way, Martinsburg, WV 25405 -242 Corning Way, Martinsburg, WV 25405 - United **United States Phone Number** 304-262-1880 304-262-1880 **Fax Number** 304-262-9643 304-262-9643

Email msds@chem-pak.com msds@chem-pak.com Website http://www.chem-pak.com http://www.chem-pak.com

1.5 24 hr Emergency Phone Number

: 800-255-3924 **Emergency Number**

Classification of the Substance or Mixture

Chem-Tel

SECTION 2 - HAZARDS IDENTIFICATION

Z.1 Classific	ation of ti	ie Substance of Whitture	
Flam. Aerosol 1	H222	Physical Hazards	Flammable aerosol Category 1
Press. Gas (Diss.)	H280	Physical Hazards	Gases under pressure Dissolved gas
Skin Irrit. 2	H315	Health Hazards	Skin corrosion/irritation Category 2
Eye Irrit. 2a	H319	Health Hazards	Serious eye damage/eye irritation Category 2A
Carc. 2	H351	Health Hazards	Carcinogenicity Category 2
Repr. 2	H361	Health Hazards	Reproductive toxicity Category 2
Stot Se 3	Н336	Health Hazards	Specific target organ toxicity (single exposure) Category 3, Narcosis
Stot Re 2	H373	Health Hazards	Specific target organ toxicity (repeated exposure) Category 2
Asp. Tox. 1	H304	Health Hazards	Aspiration hazard Category 1
Aquatic Acute 2	H401	Environmental Hazards	Hazardous to the aquatic environment - Acute Hazard Category 2
Aquatic Chronic 2	H411	Environmental Hazards	Hazardous to the aquatic environment - Chronic Hazard Category 2

Label Elements

Hazard Pictograms











Signal Word Danaer

Hazard Statements H222 : Extremely flammable aerosol

H280 Contains gas under pressure; may explode if heated



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H304 : May be fatal if swallowed and enters airways
 H315 : Causes skin irritation
 H319 : Causes serious eye irritation
 H336 : May cause drowsiness or dizziness

H351 : Suspected of causing cancer
H361 : Suspected of damaging fertility or the unborn child

H373 : May cause damage to organs through prolonged or repeated exposure

H401 : Toxic to aquatic life

H411 : Toxic to aquatic life with long lasting effects

Precautionary Statements P202 : Do not handle until all safety precautions have been read and understood.

P210

: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.

No smoking.

P211 : Do not spray on an open flame or other ignition source.
P251 : Pressurized container: Do not pierce or burn, even after use.

P260 : Do not breathe spray.

P264 : Wash hands thoroughly after handling.
P271 : Use only outdoors or in a well-ventilated area.

P273 : Avoid release to the environment.

P280: Wear protective gloves and eye protection.P301+P310: If swallowed: Immediately call POISON CENTER.

P302+P352 : If on skin: Wash with plenty of water.

P304+P340 : If inhaled: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if

present and easy to do. Continue rinsing.

P308+P313 : If exposed or concerned: Get medical advice/attention.
P314 : Get medical advice/attention if you feel unwell.

P331 : Do NOT induce vomiting.

P332+P313 : If skin irritation occurs: Get medical advice/attention.
P337+P313 : If eye irritation persists: Get medical advice/attention.
P362+P364 : Take off contaminated clothing and wash it before reuse.

P391 : Collect spillage.

P403 : Store in a well-ventilated place.

P410+P412 : Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 : Dispose of contents/container to local regulations.

2.3 Other Hazards Which Do Not Result In Classification

Hazards Not Otherwise Classified : None Identified.

2.4 Unknown acute toxicity

32.96% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral) 49.81% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)

11.26% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (vapors))

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance / Mixture

Substance / Mixture : Mixture

3.2 Composition

Substance name	CAS Number	% wt*	Classification
Propane	74-98-6	10 - 30	Flam. Gas 1, H220
			Press. Gas (Diss.), H280
Hydrotreating Light Process Distillate	68410-97-9	10 - 30	Asp. Tox. 1, H304



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Substance name	CAS Number	% wt*	Classification
Hydrotreated Light Petroleum Naphtha	64742-49-0	10 - 30	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Methyl Acetate	79-20-9	10 - 30	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
Isopropyl Alcohol	67-63-0	5 - 10	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
N-Heptane	142-82-5	5 - 10	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410
N-Hexane	110-54-3	1-5	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Repr. 2, H361 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 2, H401 Aquatic Chronic 2, H411
Secondary Butyl Alcohol	78-92-2	1 - 5	Flam. Liq. 3, H226 Eye Irrit. 2A, H319 STOT SE 3, H336 STOT SE 3, H335
Stoddard Solvent	8052-41-3	1 - 5	Flam. Liq. 3, H226 Asp. Tox. 1, H304
Ethyl Acetate	141-78-6	1 - 5	Flam. Liq. 2, H225 Eye Irrit. 2A, H319 STOT SE 3, H336
Xylene	1330-20-7	1 - 5	Flam. Liq. 3, H226 Acute Tox. 4 (Dermal), H312 Acute Tox. 4 (Inhalation), H332 Skin Irrit. 2, H315 Asp. Tox. 1, H304 Aquatic Acute 2, H401
Toluene	108-88-3	0.1 - 1	Flam. Liq. 2, H225 Skin Irrit. 2, H315 Repr. 2, H361 STOT SE 3, H336 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 2, H401
Ethyl Benzene	100-41-4	0.2764	Flam. Liq. 2, H225 Acute Tox. 4 (Inhalation), H332 Acute Tox. 4 (Inhalation:vapour), H332 Carc. 2, H351 STOT RE 2, H373 Asp. Tox. 1, H304 Aquatic Acute 2, H401

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

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

SECTION 4 - FIRST-AID MEASURES



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Description of First-Aid Measures 4.1

General Measures : Call a physician immediately.

Inhalation : Remove person to fresh air and keep comfortable for breathing.

 $: \ Wash\ skin\ with\ plenty\ of\ water.\ Take\ off\ contaminated\ clothing.\ If\ skin\ irritation\ occurs:\ Get\ medical$ Skin Contact

Eye Contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue

rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion : Do NOT induce vomiting. Call a physician immediately.

First-Aid Responder Protection : Wear adequate personal protective equipment based on the nature and severity of the emergency.

Most Important Symptoms and Effects, Both Acute and Delayed

Symptoms of Exposure : Eye Irritation, Nose Irritation, Throat Irritation, Lassitude (Weakness), Dermatitis, Confusion, Skin Irritation,

Headache, Dizziness, Nausea, Narcosis, Upper Respiratory Tract Irritation, Drowsiness, Vomiting, Optical Nerve Damage, Cough, Chest Tightness, Chemical Pneumonitis (Aspiration Liquid), Numbness, Mucous

Membrane. Diarrhea.

Delayed Effects : No known delayed effects. **Immediate Effects** : No known immediate effects.

Chronic Effects : Methyl alcohol may be fatal or cause blindness if swallowed. Repeated or prolonged contact may cause skin

sensitization.

Target Organs : Central Nervous System, Eyes, Gastrointestinal Tract, Liver, Nasal Cavity, Peripheral Nervous System,

Reproductive System, Respiratory System, Skin, Kidneys.

4.3 **Indication of Immediate Medical Attention and Special Treatment**

Notes to Physician : Treat symptomatically. Specific Treatments/Antidotes : No Information Available.

Medical Conditions Aggravated : May aggravate personnel with pre-existing disorders associated with any of the Target Organs.

SECTION 5 - FIRE-FIGHTING MEASURES

5.1 **Suitable Extinguishing Media**

Extinguishing Media : Water, carbon dioxide, dry chemical, universal aqueous film forming foam.

Unsuitable Media : Water jet.

5.2 Specific Hazards Arising from the Chemical or Mixture

Hazardous Combustion Products : Decomposition products may include: oxides of carbon, smoke, vapors. See also Section 10.6.

Specific Hazards During Firefighting : Extremely flammable. Contents under pressure. In a fire or if heated, a pressure increase will occur which

may result in container bursting. Vapors heavier than air may spread along the ground and travel to an

ignition source.

Special Protective Actions for Fire-Fighters 5.3

Firefighting Instructions : Use water spray to cool fire exposed aerosol containers, as contents can rupture violently from heat

developed pressure.

Protection during Firefighting : Firemen should wear self-contained breathing apparatus with full face-piece operated in positive pressure

SECTION 6 - ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

For Non-Emergency Personnel : No action should be taken involving any personnel without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spill. Remove

ignition sources and provide adequate ventilation only if it is safe to do so.

For Emergency Personnel : Use personal protection as recommended in Section 8. Observe precautions provided for non-emergency

personnel above.



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6.2 Environmental Precautions

Environmental Precautions

: Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental

6.3 Methods and Materials for Containment and Cleaning up

Containment Procedures

: Product is an aerosol, therefore spills and leaks are unlikely. In case of rupture, released content may be contained with oil/solvent absorbent pads, socks, and/or absorbents.

Cleanup Procedures

: Spills from aerosol cans are unlikely and are generally of small volume. Large spills are therefore not normally considered a problem. In case of actual rupture, avoid breathing vapors and ventilate area well. Remove sources of ignition and use non-sparking equipment. Soak up material with inert absorbent and place in safety containers for proper disposal.

Other Information

: Aerosol products represent a limited hazard and will not spill or leak unless ruptured. In case of rupture contents are generally evacuated from the can rapidly. Area should be ventilated immediately and continuous ventilation provided until all fumes and vapors have been removed. Aerosol cans should never be incinerated or burned.

Prohibited Materials

: Combustible absorbent material such as sawdust. Use of equipment that may cause sparking.

SECTION 7 - HANDLING AND STORAGE

7.1 Precautions for Safe Handling

General Handling Precautions

: KEEP OUT OF THE REACH OF CHILDREN. Avoid prolonged or repeated skin contact. Avoid breathing of vapors. Do not incinerate (burn) containers. Always replace overcap when not in use. Avoid use around open flames or other sources of ignition. Exposure to heat or prolonged exposure to sun may cause can to burst. Use only with adequate ventilation, opening doors or windows to achieve cross-ventilation.

Hygiene Recommendations

: Do not eat, drink or smoke when using this product. Wash hands thoroughly after use. Remove contaminated clothing and protective equipment before entering eating or smoking areas.

7.2 Conditions for Safe Storage Including Any Incompatibilities

Storage Requirements

: Storage of individual cans should be done in an area below 55°C (120°F), and away from heat sources. Ensure can is in a secure place to prevent knocking over and accidental rupture. Storage of flammable materials should conform to NFPA 30 Flammable and Combustible Liquid. Keep containers tightly closed and stored in a well-ventilated place. Keep away from sources of ignition.

Incompatibilities
NFPA 30B Classification

Segregate storage away from materials indicated in Section 10.
This product is classified as a Level 3 Aerosol per NFPA 30B

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Propane (74-98-6)		
OSHA	OSHA PEL (TWA) (mg/m³)	1800 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	1000 ppm
NIOSH	US IDLH (ppm)	2100 ppm
NIOSH	NIOSH REL (TWA) (mg/m³)	1800 mg/m³
NIOSH	NIOSH REL (TWA) (ppm)	1000 ppm
California	California PEL (TWA) (mg/m3)	1800 mg/m³
California	California PEL (TWA) (ppm)	1000 ppm

Xylene (1330-20-7)		
ACGIH	ACGIH TWA (mg/m³)	100 ppm
ACGIH	ACGIH Ceiling (mg/m³)	150 ppm
OSHA	OSHA PEL (TWA) (mg/m³)	435 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	100 ppm
NIOSH	US IDLH (ppm)	900 ppm
NIOSH	NIOSH REL (TWA) (ppm)	100 ppm
NIOSH	NIOSH REL (STEL) (ppm)	150 ppm
California	California PEL (TWA) (mg/m3)	435 mg/m³
California	California PEL (TWA) (ppm)	100 ppm



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ylene (1330-20-7)		
California	California PEL (STEL) (mg/m3)	655 mg/m³
California	California PEL (STEL) (ppm)	150 ppm
California	California PEL (Ceiling) (ppm)	300 ppm
Biological Exposure Index	Methylhippuric Acid in Urine (Post Shift), End of shift	1.5 g/g creatinine
Ethyl Benzene (100-41-4)		
ACGIH	ACGIH TWA (mq/m³)	20 ppm
OSHA	OSHA PEL (TWA) (mg/m³)	435 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	100 ppm
NIOSH	US IDLH (ppm)	800 ppm
NIOSH	NIOSH REL (TWA) (mg/m³)	435 mg/m³
NIOSH	NIOSH REL (TWA) (ppm)	100 ppm
NIOSH	NIOSH REL (TWA) (ppin) NIOSH REL (STEL) (mg/m³)	545 mg/m³
NIOSH	NIOSH REL (STEL) (IIIg/III) NIOSH REL (STEL) (ppm)	
	, , , , ,	125 ppm
California	California PEL (TWA) (mg/m3)	22 mg/m³
California	California PEL (TWA) (ppm)	5 ppm
California	California PEL (STEL) (mg/m3)	130 mg/m³
California	California PEL (STEL) (ppm)	30 ppm
Biological Exposure Index	Sum of Mandelic Acid and Phenyl Glyoxylic Acid in Urine, End of shift at end of workweek	0.7 g/g creatinine
Toluene (108-88-3)		
ACGIH	ACGIH TWA (mg/m³)	20 ppm
ACGIH	ACGIH Ceiling (mg/m³)	150 ppm
OSHA	OSHA PEL (TWA) (ppm)	200 ppm
OSHA	OSHA PEL (Ceiling) (ppm)	300 ppm
NIOSH	US IDLH (ppm)	500 ppm
NIOSH	NIOSH REL (TWA) (ppm)	100 ppm
NIOSH	NIOSH REL (STEL) (ppm)	150 ppm
California	California PEL (TWA) (mg/m3)	37 mg/m³
California	California PEL (TWA) (ppm)	10 ppm
California	California PEL (STEL) (mg/m3)	560 mg/m³
California	California PEL (STEL) (ppm)	150 ppm
California	California PEL (Ceiling) (ppm)	500 ppm
Biological Exposure Index	Toluene in blood, Prior to last shift of workweek	0.02 mg/l
Biological Exposure Index	Toluene in urine, End of shift	0.02 mg/l
Biological Exposure Index	o-Cresol in urine (with hydrolysis), End of shift (B)	0.3 mg/g creatinine
Ethyl Acetate (141-78-6)		
ACGIH	ACGIH TWA (mq/m³)	400 ppm
OSHA	OSHA PEL (TWA) (mg/m³)	1400 mg/m³
OSHA	OSHA PEL (TWA) (Ing/III) OSHA PEL (TWA) (ppm)	400 ppm
NIOSH	US IDLH (ppm)	2000 ppm
NIOSH	NIOSH REL (TWA) (ppm)	400 ppm
	California PEL (TWA) (mg/m3)	1400 mg/m³
California California	California PEL (TWA) (ppm)	400 ppm
Methyl Acetate (79-20-9)		, ,
ACGIH	ACGIH TWA (mg/m³)	200 ppm
ACGIH	ACGIH TWA (IIIg/III) ACGIH Ceiling (mg/m³)	250 ppm
OSHA	OSHA PEL (TWA) (mg/m³)	610 mg/m ³
OSHA		
	OSHA PEL (TWA) (ppm)	200 ppm 3100 ppm
NIOSH	US IDLH (ppm)	- ''
NIOSH	NIOSH REL (TWA) (mg/m³)	610 mg/m³
NIOSH	NIOSH REL (TWA) (ppm)	200 ppm
NIOSH	NIOSH REL (STEL) (mg/m³)	760 mg/m³
NIOSH	NIOSH REL (STEL) (ppm)	250 ppm
California	California PEL (TWA) (mg/m3)	610 mg/m³
California	California PEL (TWA) (ppm)	200 ppm
California	California PEL (STEL) (mg/m3)	760 mg/m³
California	California PEL (STEL) (ppm)	250 ppm



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Isopropyl Alcohol (67-63-0)		
ACGIH	ACGIH TWA (mg/m³)	200 ppm
ACGIH	ACGIH Ceiling (mg/m³)	400 ppm
OSHA	OSHA PEL (TWA) (mg/m³)	980 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	400 ppm
NIOSH	US IDLH (ppm)	2000 ppm
NIOSH	NIOSH REL (TWA) (mg/m³)	980 mg/m³
NIOSH	NIOSH REL (TWA) (ppm)	400 ppm
NIOSH	NIOSH REL (STEL) (mg/m³)	1225 mg/m³
NIOSH	NIOSH REL (STEL) (ppm)	500 ppm
California	California PEL (TWA) (mg/m3)	980 mg/m³
California	California PEL (TWA) (ppm)	400 ppm
California	California PEL (STEL) (mg/m3)	1225 mg/m³
California	California PEL (STEL) (ppm)	500 ppm
Secondary Butyl Alcohol (78-	92.21	
ACGIH	ACGIH TWA (mg/m³)	100 ppm
OSHA	OSHA PEL (TWA) (mg/m³)	450 mg/m³
OSHA	OSHA PEL (TWA) (mg/m²) OSHA PEL (TWA) (ppm)	150 ppm
		2000 ppm
NIOSH NIOSH	US IDLH (ppm) NIOSH REL (TWA) (mg/m³)	2000 ppm 0 mg/m³
NIOSH		
	NIOSH REL (TWA) (ppm)	100 ppm
NIOSH	NIOSH REL (STEL) (ppm)	150 ppm
California	California PEL (TWA) (mg/m3)	305 mg/m³
California	California PEL (TWA) (ppm)	100 ppm
N-Heptane (142-82-5)		
ACGIH	ACGIH TWA (mg/m³)	400 ppm
OSHA	OSHA PEL (TWA) (mg/m³)	2000 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	500 ppm
NIOSH	US IDLH (ppm)	750 ppm
NIOSH	NIOSH REL (TWA) (mg/m³)	350 mg/m³
NIOSH	NIOSH REL (TWA) (ppm)	85 ppm
NIOSH	NIOSH REL (ceiling) (mg/m³)	1800 mg/m³
NIOSH	NIOSH REL (ceiling) (ppm)	440 ppm
California	California PEL (TWA) (mg/m3)	1600 mg/m³
California	California PEL (TWA) (ppm)	400 ppm
California	California PEL (STEL) (mg/m3)	2000 mg/m³
California	California PEL (STEL) (ppm)	500 ppm
Stoddard Solvent (8052-41-3		
ACGIH	ACGIH TWA (mg/m³)	100 ppm
OSHA	OSHA PEL (TWA) (mg/m³)	2900 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	500 ppm
California	California PEL (TWA) (mg/m3)	525 mg/m³
California	California PEL (TWA) (ppm)	100 ppm
N-Hexane (110-54-3)		·
ACGIH	ACGIH TWA (mg/m³)	50 ppm
OSHA	OSHA PEL (TWA) (mg/m³)	1800 mg/m³
OSHA	OSHA PEL (TWA) (ppm)	500 ppm
NIOSH	US IDLH (ppm)	1100 ppm
NIOSH	NIOSH REL (TWA) (mg/m³)	180 mg/m³
NIOSH	NIOSH REL (TWA) (mg/m²) NIOSH REL (TWA) (ppm)	50 ppm
California	California PEL (TWA) (mg/m3)	180 mg/m³
CuiijOffiiu	, ,, ,, ,	<u> </u>
California	California PEL (TWA) (ppm)	50 ppm



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8.2 Exposure Controls

Engineering Measures

: Use only with adequate ventilation. General ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Local exhaust ventilation or an enclosed handling system may be necessary to control air contamination below that of the lowest OEL from the table above.

Personal Protective Equipment

Eye / Face Protection

: Safety glasses with side shields are recommended as a minimum for any type of industrial chemical handling. Where eye contact with this material could occur, chemical splash proof goggles are recommended.

Hand Protection

Remarks

: Chemical-resistant gloves, tested according to ASTM F903 - 17.

Skin and Body Protection

: Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to the place of work.

: For brief contact, no precautions other than clean body-covering clothing should be needed. When prolonged or repeated contact could occur, use protective clothing impervious to the ingredients listed in Section 2.

Respiratory Protection

: An approved respirator may be permissible under certain circumstances where airborne concentrations are expected to exceed occupational exposure limits. Under those circumstances, users should be provided with either a half-facepiece (if wearing safety glasses) or a full-facepiece (if not wearing safety glasses) airpurifying respirator, fitted with organic vapor cartidges and P95 filters.

Compliance

: If needed, compliance with OSHA standard 29 CFR 1910.134 is necessary.

Other Protective Equipment

 $\hbox{:} \ \ \textit{Safety showers and eye-wash stations should be available in the workplace near where the material will be}$

used.

Environmental Exposure Controls

: Avoid release to the environment.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

9.1 Physical Properties			
Boiling Point	> 55.80 °C	Melting / Freezing Point	>-142.00 °C
Flash Point, Liquid	>-17.00 °C	Flash Point, Propellant	-104.40 °C
Explosive Limits	LEL: 0.50 UEL: 40.00 vol %	Autoignition Temperature, Liquid	> 190.00 °C
Flammability	Extremely Flammable Aerosol	Density	0.700 g/cm³
Molecular Weight	Not Available	Weight	5.842 lbs/gal
Vapor Pressure	Not Available	рН	Not Available
Vapor Density	Not Available	Evaporation Rate (nBAc=1)	Not Available
Viscosity	Not Available	Partition Coefficient (Log Pow)	Not Available
Odor Threshold	Not Available	Refractive Index	Not Available
Physical State	Pressurized Product	Heat Of Combustion	15171.28 BTU/lb
Appearance / Color	Clear, Colorless	Water Solubility	Not Available
Odor	Paint-like	Decomposition Temperature	Not Available

9.2 Environmental Properties			
Percent Volatile	77.08 % wt	VOC Regulatory	519.92 g/L (4.34 lbs/gal)
Percent VOC	66.35 % wt	VOC Actual	464.48 g/L (3.88 lbs/gal)
Percent HAP	6.17 % wt	HAP Content	43.19 g/L (0.36 lbs/gal)
Global Warming Potential	0.84 GWP	Maximum Incremental Reactivity	0.9380 g O3/g
Ozone Depletion Potential	0.00 ODP		

SECTION 10 - STABILITY AND REACTIVITY

10.1 Reactivity

Reactivity : No specific test data related to reactivity is available for this products or its ingredients.

10.2 Chemical Stability

Chemical Stability : This product is stable.



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10.3 Possibility of Hazardous Reactions

Hazardous Reactions

: Under normal conditions of storage and use, hazardous reactions are not expected to occur.

10.4 Conditions to Avoid

Conditions to Avoid

: Electrostatic Discharge, Other Ignition Sources, Hot Surfaces, Heat, Flames, Sparks, Strong Heating.

10.5 Incompatible Materials

Materials to Avoid

: Strong Oxidizing Agents, Strong Reducing Agents, Alkali Metals, Strong Acids, Aluminum, Potassium t-Butoxide, Halogen Compounds, Bases, Acid Anhydrides, Calcium Hypochlorite, Aluminum Chloride, Acids, Hydrogen Peroxide, Magnesium, Sulfuric Acid, Perchloric Acid, Nitrating Agents, Chlorosulfuric Acid, Chlorine, Potassium Chlorate, Dinitrogen Tetroxide, Chlorine Dioxide, Organic Peroxides, Heavy Metals and their Salts, Phenols, Performic Acid.

10.6 Hazardous Decomposition Products

Thermal Decomposition

: Oxides of carbon, Aldehydes, Formaldehyde, Methanol, Acetic Acid, Peroxybenzoic Acid, Benzoic Acid.

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects					
Propane (CAS: 74-98-6 / EC: 200-827-9)	Propane (CAS: 74-98-6 / EC: 200-827-9)				
LC50 Inhalation (Rat)	658 mg/l/4h (Lit.)				
Xylene (CAS: 1330-20-7 / EC: 215-535-7)					
LD50 Oral (Rat)	4300 mg/kg (RTECS)				
LD50 Dermal (Rabbit)	12126 mg/kg (Sigma-Aldrich)				
LC50 Inhalation (Rat)	21.7 mg/l/4h (GESTIS Substance Database)				
LC50 Inhalation (Rat)	6700 ppm/4h (ChemInfo)				
Ethyl Benzene (CAS: 100-41-4 / EC: 202-849-4)					
LD50 Oral (Rat)	4720 mg/kg (ChemInfo)				
LD50 Dermal (Rabbit)	15380 mg/kg (ChemInfo)				
LC50 Inhalation (Rat)	17.2 mg/l/4h (IUCLID)				
LC50 Inhalation (Rat)	4000 ppm/4h (ChemInfo)				
Toluene (CAS: 108-88-3 / EC: 203-625-9)					
LD50 Oral (Rat)	> 2000 mg/kg (Lit.)				
LD50 Dermal (Rabbit)	12124 mg/kg (IUCLID)				
LC50 Inhalation (Rat)	> 20 mg/l/4h (Lit.)				
Ethyl Acetate (CAS: 141-78-6 / EC: 205-500-4)					
LD50 Oral (Rat)	5620 mg/kg (RTECS)				
LD50 Dermal (Rabbit)	> 18000 mg/kg (Sigma-Aldrich)				
LC50 Inhalation (Rat)	10600 ppm/4h (ChemInfo)				
Methyl Acetate (CAS: 79-20-9 / EC: 201-185-2)					
LD50 Oral (Rat)	6970 mg/kg (Lit.)				
LD50 Dermal (Rabbit)	> 5000 mg/kg (RTECS)				
LC50 Inhalation (Rat)	> 49.28 mg/l/4h (External SDS)				
LC50 Inhalation (Rat) 16000 - 32000 (ChemInfo)					
Isopropyl Alcohol (CAS: 67-63-0 / EC: 200-661-7)					
LD50 Oral (Rat)	5045 mg/kg (RTECS)				
LD50 Dermal (Rabbit)	12870 mg/kg (Cheminfo)				
LC50 Inhalation (Rat)	73 mg/l/4h (Lit.)				
LC50 Inhalation (Rat) 17000 ppm/4h (ChemInfo)					
Secondary Butyl Alcohol (CAS: 78-92-2 / EC: 201-158-	5)				
LD50 Oral (Rat)	2193 mg/kg (RTECS)				



Part No. See Section 1.1 (Aerosol)

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Hydrotreated Light Petroleum Naphtha (CAS: 64742-49-0 / EC: 265-151-9) LDSO Oral (Rat)	LD50 Dermal (Rat)	> 2000 mg/kg (RTECS)		
Sample S	N-Heptane (CAS: 142-82-5 / EC: 205-563-8)			
Stock Inhalation (Rat) 25132 mg/l/4h 103 gm/m3 (RTECS)	LD50 Oral (Rat)	15000 mg/kg (Cheminfo)		
Hydrotreated Light Petroleum Naphtha (CAS: 64742-49-0 / EC: 265-151-9) LDSO Oral (Rat)	LD50 Dermal (Rabbit)	> 3160 mg/kg (Lit.)		
According to the content of the co	LC50 Inhalation (Rat)	25132 mg/l/4h 103 gm/m3 (RTECS)		
LCSO Inhalation (Rat) > 2920 mg/kg (External SDS)	Hydrotreated Light Petroleum Naphtha (CAS: 6474.	2-49-0 / EC: 265-151-9)		
According to the process Distillate (CAS: 68410-97-9 / EC: 270-093-2)	LD50 Oral (Rat)	> 5800 mg/kg (External SDS)		
Hydrotreating Light Process Distillate (CAS: 68410-97-9 / EC: 270-093-2) LD50 Oral (Rat) 5170 mg/kg (RTECS) Stoddard Solvent (CAS: 8052-41-3 / EC: 232-489-3) LD50 Oral (Rat) > 5000 mg/kg (RTECS) N-Hexane (CAS: 110-54-3 / EC: 203-777-6) LD50 Oral (Rat) 29700 mg/kg (RTECS) LD50 Oral (Rat) 29700 mg/kg (RTECS) LD50 Oral (Rat) 38500 pm/4h (ChemInfo) LC50 Inhalation (Rat) 38500 pm/4h (ChemInfo) Routes Of Exposure Eye Contact, Ingestion, Skin Contact, Inhalation, Skin Absorption. Delayed and Immediate Effects and Also Chronic Effects from Short and Long Term Exposure Skin Corrosion/Irritation Causes skin irritation. Eye Damage/Irritation Causes skin irritation. Eye Damage/Irritation Not classified Germ Cell Mutagenicity Not classified Germ Cell Mutagenicity Suspected of damaging fertility or the unborn child. STOT-Single Exposure May cause drowsiness or dizziness. STOT-Repeated Exposure May cause drowsiness or dizziness. STOT-Repeated Exposure May cause damage to organs through prolonged or repeated exposure. Aspiration Hazard May be fatal if swallowed and enters airways. Vaporizer Aerosol The following ingredients are listed as known or suspected carcinogens: Ethyl Benzene (CAS: 100-41-4 / EC: 202-849-4) LARC group 28 - Possibly Carcinogenic to Humans	LD50 Dermal (Rabbit)	> 2920 mg/kg (External SDS)		
S170 mg/kg (RTECS) S1408 ppm/4h (RTECS)	LC50 Inhalation (Rat)	> 23 mg/l/4h (External SDS)		
Stoddard Solvent (CAS: 8052-41-3 / EC: 232-489-3)	Hydrotreating Light Process Distillate (CAS: 68410-:	97-9 / EC: 270-093-2)		
Stoddard Solvent (CAS: 8052-41-3 / EC: 232-489-3) LD50 Oral (Rat)	LD50 Oral (Rat)	5170 mg/kg (RTECS)		
N-Hexane (CAS: 110-54-3 / EC: 203-777-6) LD50 Oral (Rat)	LC50 Inhalation (Rat)	> 12408 ppm/4h (RTECS)		
N-Hexane (CAS: 110-54-3 / EC: 203-777-6) LD50 Oral (Rat) LD50 Dermal (Rabbit) LC50 Inhalation (Rat) Routes Of Exposure Delayed and Immediate Effects and Also Chronic Effects from Short and Long Term Exposure Skin Corrosion/Irritation Eye Damage/Irritation In Not classified Germ Cell Mutagenicity Not classified Reproductive Toxicity STOT-Single Exposure STOT-Repeated Exposure They cause domage to organs through prolonged or repeated exposure. Aspiration Hazard STOT-Repeated Exposure STOT-Repeated Exposure STOT-Repeated Exposure They cause domage to organs through prolonged or repeated exposure. STOT-Repeated Exposure STOT-Repeated Exposure They cause domage to organs through prolonged or repeated exposure. STOT-Repeated Exposure STOT-Repeated Expo	Stoddard Solvent (CAS: 8052-41-3 / EC: 232-489-3)			
Sasson mg/kg body weight (ChemInfo) Sasson mg/kg body weight (ChemInfo)	LD50 Oral (Rat)	> 5000 mg/kg (RTECS)		
Sasson mg/kg body weight (ChemInfo) Sasson mg/kg body weight (ChemInfo)	N-Hexane (CAS: 110-54-3 / EC: 203-777-6)			
Asson ppm/4h (ChemInfo) **Eye Contact, Ingestion, Skin Contact, Inhalation, Skin Absorption.** **Eye Contact, Ingestion, Skin Contact, Inhalation, Skin Absorption.** **See Section 4.2** **Causes skin irritation.** **Causes serious eye irritation.** **See Section 4.2** **Causes serious eye irritation.** **Causes serious eye irritation.** **See Section 4.2** **Causes serious eye irritation.** **See Section 4.2** **Causes skin irritation.** **Causes serious eye irritation.** **Not classified** **See Section 4.2** **Causes skin irritation.** **Not classified** **See Section 4.2** **Causes skin irritation.** **Not classified** **Suspected of damaging fertility or the unborn child.** **Suspected of damaging fertility or the unborn child.** **Stot-Single Exposure** **May cause damage to organs through prolonged or repeated exposure.** **Stot-Repeated Exposure** **May cause damage to organs through prolonged or repeated exposure.** **Stot-Repeated Exposure** **May cause damage to organs through prolonged or repeated exposure.** **Aspiration Hazard** **May be fatal if swallowed and enters airways.** **Vaporizer** **Carcinogen Data** **Ethyl Benzene (CAS: 100-41-4 / EC: 202-849-4) **IARC group** **IARC group** **JARC g	LD50 Oral (Rat)	29700 mg/kg (RTECS)		
Routes Of Exposure Effects and Also Chronic Effects from Short and Long Term Exposure Skin Corrosion/Irritation Eye Damage/Irritation Eye Contact, Inpestion, Skin Contact, Inhalation, Skin Absorption. Eye Contact, Inpestion, Skin Contact, Inhalation, Skin Absorption. See Section 4.2 Causes serious eye irritation. Eye Damage/Irritation Eye Contact, Inpestion, Skin Contact, Inhalation, Skin Absorption. Eye Contact, Inpestion, Skin Contact, Inhalation, Skin Absorption Eye Causes serious eye irritation. Eye Ca	LD50 Dermal (Rabbit)	> 3350 mg/kg body weight (ChemInfo)		
Delayed and Immediate Effects and Also Chronic Effects from Short and Long Term Exposure Skin Corrosion/Irritation Eye Damage/Irritation Eye Damage/Irritation Experimental Skin Sensitization Germ Cell Mutagenicity Reproductive Toxicity STOT-Single Exposure STOT-Repeated Exposure Aspiration Hazard Aspiration Hazard Yaporizer Carcinogen Data Ethyl Benzene (CAS: 100-41-4 / EC: 202-849-4) IARC group 28 - Possibly Carcinogenic to Humans	LC50 Inhalation (Rat)	38500 ppm/4h (ChemInfo)		
Effects from Short and Long Term Exposure Skin Corrosion/Irritation : Causes skin irritation. Eye Damage/Irritation : Causes serious eye irritation. Respiratory or Skin Sensitization : Not classified Germ Cell Mutagenicity : Not classified Reproductive Toxicity : Suspected of damaging fertility or the unborn child. STOT-Single Exposure : May cause drowsiness or dizziness. STOT-Repeated Exposure : May cause damage to organs through prolonged or repeated exposure. Aspiration Hazard : May be fatal if swallowed and enters airways. Vaporizer : Aerosol : The following ingredients are listed as known or suspected carcinogens: Ethyl Benzene (CAS: 100-41-4 / EC: 202-849-4) IARC group 2B - Possibly Carcinogenic to Humans	Routes Of Exposure	: Eye Contact, Ingestion, Skin Contact, Inhalation, Skin Absorption.		
Skin Corrosion/Irritation : Causes skin irritation. Eye Damage/Irritation : Causes serious eye irritation. Respiratory or Skin Sensitization : Not classified Germ Cell Mutagenicity : Not classified Reproductive Toxicity : Suspected of damaging fertility or the unborn child. STOT-Single Exposure : May cause drowsiness or dizziness. STOT-Repeated Exposure : May cause damage to organs through prolonged or repeated exposure. Aspiration Hazard : May be fatal if swallowed and enters airways. Vaporizer : Aerosol Carcinogen Data : The following ingredients are listed as known or suspected carcinogens: Ethyl Benzene (CAS: 100-41-4 / EC: 202-849-4) IARC group 2B - Possibly Carcinogenic to Humans	Delayed and Immediate Effects and Also Chronic	: See Section 4.2		
Eye Damage/Irritation : Causes serious eye irritation. Respiratory or Skin Sensitization : Not classified Germ Cell Mutagenicity : Not classified Reproductive Toxicity : Suspected of damaging fertility or the unborn child. STOT-Single Exposure : May cause drowsiness or dizziness. STOT-Repeated Exposure : May cause damage to organs through prolonged or repeated exposure. Aspiration Hazard : May be fatal if swallowed and enters airways. Vaporizer : Aerosol : The following ingredients are listed as known or suspected carcinogens: Ethyl Benzene (CAS: 100-41-4 / EC: 202-849-4) IARC group 2B - Possibly Carcinogenic to Humans	Effects from Short and Long Term Exposure			
Respiratory or Skin Sensitization : Not classified Germ Cell Mutagenicity : Not classified Reproductive Toxicity : Suspected of damaging fertility or the unborn child. STOT-Single Exposure : May cause drowsiness or dizziness. STOT-Repeated Exposure : May cause damage to organs through prolonged or repeated exposure. Aspiration Hazard : May be fatal if swallowed and enters airways. Vaporizer : Aerosol Carcinogen Data : The following ingredients are listed as known or suspected carcinogens: Ethyl Benzene (CAS: 100-41-4 / EC: 202-849-4) IARC group 2B - Possibly Carcinogenic to Humans	Skin Corrosion/Irritation	: Causes skin irritation.		
Germ Cell Mutagenicity : Not classified : Suspected of damaging fertility or the unborn child. STOT-Single Exposure : May cause drowsiness or dizziness. STOT-Repeated Exposure : May cause damage to organs through prolonged or repeated exposure. Aspiration Hazard : May be fatal if swallowed and enters airways. Vaporizer : Aerosol : The following ingredients are listed as known or suspected carcinogens: Ethyl Benzene (CAS: 100-41-4 / EC: 202-849-4) IARC group 2B - Possibly Carcinogenic to Humans	Eye Damage/Irritation	: Causes serious eye irritation.		
Reproductive Toxicity : Suspected of damaging fertility or the unborn child. STOT-Single Exposure : May cause drowsiness or dizziness. STOT-Repeated Exposure : May cause damage to organs through prolonged or repeated exposure. Aspiration Hazard : May be fatal if swallowed and enters airways. Vaporizer : Aerosol : The following ingredients are listed as known or suspected carcinogens: Ethyl Benzene (CAS: 100-41-4 / EC: 202-849-4) IARC group 2B - Possibly Carcinogenic to Humans	Respiratory or Skin Sensitization	: Not classified		
STOT-Single Exposure : May cause drowsiness or dizziness. STOT-Repeated Exposure : May cause damage to organs through prolonged or repeated exposure. Aspiration Hazard : May be fatal if swallowed and enters airways. Vaporizer : Aerosol : The following ingredients are listed as known or suspected carcinogens: Ethyl Benzene (CAS: 100-41-4 / EC: 202-849-4) IARC group 2B - Possibly Carcinogenic to Humans	Germ Cell Mutagenicity	: Not classified		
STOT-Repeated Exposure : May cause damage to organs through prolonged or repeated exposure. Aspiration Hazard : May be fatal if swallowed and enters airways. Vaporizer : Aerosol : The following ingredients are listed as known or suspected carcinogens: Ethyl Benzene (CAS: 100-41-4 / EC: 202-849-4) IARC group 2B - Possibly Carcinogenic to Humans	Reproductive Toxicity	: Suspected of damaging fertility or the unborn child.		
Aspiration Hazard : May be fatal if swallowed and enters airways. Vaporizer : Aerosol : The following ingredients are listed as known or suspected carcinogens: Ethyl Benzene (CAS: 100-41-4 / EC: 202-849-4) IARC group 2B - Possibly Carcinogenic to Humans	STOT-Single Exposure	: May cause drowsiness or dizziness.		
Vaporizer : Aerosol Carcinogen Data : The following ingredients are listed as known or suspected carcinogens: Ethyl Benzene (CAS: 100-41-4 / EC: 202-849-4) IARC group 2B - Possibly Carcinogenic to Humans	STOT-Repeated Exposure	: May cause damage to organs through prolonged or repeated exposure.		
Vaporizer : Aerosol Carcinogen Data : The following ingredients are listed as known or suspected carcinogens: Ethyl Benzene (CAS: 100-41-4 / EC: 202-849-4) IARC group 2B - Possibly Carcinogenic to Humans				
Carcinogen Data : The following ingredients are listed as known or suspected carcinogens: Ethyl Benzene (CAS: 100-41-4 / EC: 202-849-4) IARC group 2B - Possibly Carcinogenic to Humans	•	, , , ,		
IARC group 2B - Possibly Carcinogenic to Humans	·	: The following ingredients are listed as known or suspected carcinogens:		
IARC group 2B - Possibly Carcinogenic to Humans		Fthyl Renzene (CΔS: 100-41-4 / FC: 202-849-4)		
ACTIO COPOLIV A3 - CONTINUO CONTINUO WITH INKNOWN TELEVINICE IN NORMA		ACGIH Category A3 - Confirmed animal carcinogen with unknown relevance to human		

12.1 Ecotoxicity and Ecological Properties

Biochemical Oxygen Demand

Propane (74-98-6)			
Persistence and Degradibility	Readily biodegradable in water. Not applicable (gas). Photodegradation in the air.		
BCF Fish	9 - 25 (BCF)		
Log Pow	2.28 (Calculated)		
Bioacculative Potential	Low potential for bioaccumulation (Log Kow < 4).		
Xylene (1330-20-7)			
LC50 Fish	26.7 mg/l Fathead Minnow - 96h		
EC50 Daphnia	75.49 mg/l Water Flea - 48hr		
EC50 Other Aquatic Organisms	72 mg/l Green Algae - 14d		
Persistence and Degradibility	Readily biodegradable in water.		

1.40 - 2.53 g O₂/g substance



Log Pow

Log Koc

Log Koc

Bioacculative Potential

SAFETY DATA SHEET

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2.56 - 2.91 g O ₂ /g substance
3.1 g O₂/g substance
14.1 - 24 (BCF)
3.217
Low potential for bioaccumulation (BCF < 500).
3.156
4.2 mg/l Rainbow Trout - 96hr
2.4 mg/l Water Flea - 48hr
9.68 mg/l Bacteria - 30min
4.6 mg/l Green Algae - 72hr
Readily biodegradable in water. Biodegradable in the soil. Low potential for absorption in soil.
1.44 g O₂/g substance
2.1 g O₂/g substance
3.17 g O₂/g substance
81 % 28 Days
1.18

Toluene (108-88-3)				
LC50 Fish	5.8 mg/l Rainbow Trout - 96hr			
LC50 Other Aquatic Organisms	10 mg/l Green Algae - 72hr			
EC50 Daphnia	6 mg/l Water Flea - 48hr			
Persistence and Degradibility	Readily biodegradable in water. Biodegradable in the soil. Low potential for absorption in soil.			
Biochemical Oxygen Demand	2.15 g O_2/g substance			
Chemical Oxygen Demand	$2.52 \text{ g } O_2/\text{g substance}$			
Theoretical Oxygen Demand	$3.13 \text{ g } O_2/g \text{ substance}$			
Biodegration	86 % 28 Days			
Log Pow	2.73 (Experimental Value)			
Bioacculative Potential	Low potential for bioaccumulation (BCF < 500).			

Low potential for bioaccumulation (BCF < 500).

3.15

2.15

Ethyl Acetate (141-78-6)	
LC50 Fish	450 - 600 mg/l Rainbow Trout - 96hr
LC50 Fish	220 - 250 mg/l Fathead Minnow - 96h
LC50 Other Aquatic Organisms	560 mg/l Water Flea - 48hr
EC50 Daphnia	2300 - 3090 mg/l Water Flea - 24hr
EC50 Other Aquatic Organisms	4300 mg/l Green Algae - 24hr
Persistence and Degradibility	Readily biodegradable in water. Biodegradable in the soil. Low potential for adsorption in soil.
Biochemical Oxygen Demand	0.293 g O₂/g substance
Chemical Oxygen Demand	$1.69 \text{ g } O_2/\text{g substance}$
Theoretical Oxygen Demand	1.82 g O₂/g substance
Biodegration	100 % 28 Days
BCF Fish	30
Log Pow	0.73
Bioacculative Potential	Low potential for bioaccumulation (BCF < 500).
Log Koc	0.778

Methyl Acetate (79-20-9)	
LC50 Fish	250 - 350 mg/l Zebra Fish - 96hr
EC50 Daphnia	1026.7 mg/l Water Flea - 48hr
EC50 Other Aquatic Organisms	> 120 mg/l Green Algae - 72hr
EC50 Other Aquatic Organisms	6100 mg/l Bacteria - 30min
Persistence and Degradibility	Readily biodegradable in water. Inherently biodegradable. Highly mobile in soil.
Chemical Oxygen Demand	1511.8 mg/g
Theoretical Oxygen Demand	1510 mg/g
Biodegration	70 % 28 Days



Bioacculative Potential

Log Koc

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<1 (BCF)
0.18
Low potential for bioaccumulation (BCF < 500).
0.68
9640 - 10000 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system,
Fresh water, Experimental value, Lethal)
9640 mg/l Fathead Minnow - 96h
13299 mg/l Water Flea - 48hr
> 2000 mg/l Green Algae - 72hr
Biodegradable in the soil. Biodegradable in the soil under anaerobic conditions. Readily biodegradable in
water.
1.19 g O ₂ /g substance
2.23 g O ₂ /g substance
2.4 g O_2/g substance
95 % 21 DAY
95 % 21 DAY -2
0.05 (Weight of evidence approach, 25 °C)
Low potential for bioaccumulation (Log Kow < 4).
1.4
3670 mg/l Fathead Minnow - 96h
4227 mg/l Water Flea - 48hr
Biodegradability 88% / 28 days.
1.87 g O₂/g substance
2.47 g O₂/g substance
2.59 g O₂/g substance
0.61 (Experimental value)
Low potential for bioaccumulation (Log Kow < 4).
375 mg/l 96h, Mozambique Tilapia (Lit.)
0.2 mg/l 48h, Leach (Lit.)
Readily biodegradable in water. Biodegradability in soil: no data available. Adsorbs into the soil.
1.92 q O ₂ /q substance
0.06 g O ₂ /g substance
3.52 q O ₂ /q substance
4.66 (Experimental value)
Potential for bioaccumulation (4 ≥ Log Kow ≤ 5).
2-49-0)
4.1 mg/l Fathead Minnow - 96h
10 mg/l Water Flea - 48hr
11 mg/l Green Algae - 72hr
3.6 - 5.7
Rainbow Trout - 96hr
3.16-7.06
log Koc,2.85-6.74
2.5 mg/l Fathead Minnow - 96h
3878 mg/l Water Flea - 48hr
3.52 q O ₂ /q substance
501.187 (BCF; Other; Pimephales promelas)
3.9

Potential for bioaccumulation (500 \leq BCF \leq 5000).

2.17



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SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste Disposal

: Characteristics and waste stream classification can change with product use and location. It is the responsibility of the user to determine the proper storage, transportation, treatment, and/or disposal methodologies for spent materials and residues at the time of disposition. All waste must be disposed of in compliance with the respective national, federal, state, and/or local regulations.

Waste Disposal Of Packaging

: In the United States, an aerosol container that does not contain a significant amount of liquid would meet the definition of scrap metal (40 CFR 261.1(c)(6)), and would be exempt from RCRA regulation under 40 CFR 261.6(a)(3)(iv) if it is to be recycled. If containers are to be disposed of (not recycled) it must be managed under all applicable RCRA and state regulations. Consult with your local landfill to determine if empty small containers can be disposed of along with regular trash pickup. For disposal of large containers (typically 10 gallons or larger), or for containers not suitable for landfill, a licensed reconditioner should be used.

Landfill Precautions : Not Available.

Incineration Precautions : ** DO NOT INCINERATE ** CONTENTS UNDER PRESSURE **.

	RANSPOR		

14.1	UN Number		DOT (USA)	IATA (AIR)	IMDG (OCEAN)
UN Num	ber	:	UN1950	UN1950	UN1950
14.2	UN Proper Shipping Name		DOT (USA)	IATA (AIR)	IMDG (OCEAN)
UN Prop	er Shipping Name	:	Aerosols, Limited Quantity	Aerosols, Flammable, Limited Quantity	Aerosols, Limited Quantity
14.3	Transport Hazard Class(es)		DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Transpor	rt Hazard Class(es)	:	2.1	2.1	2.1
Labels		:	None	2.1 - Flammable gas	None
Limited Quantity EmS Code		÷	Yes	Yes	Yes
		:	Not Applicable	Not Applicable	F-D, S-U
14.4	Packing Group		DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Packing (Group	:	None	None	None
14.5	Environmental Hazards		DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Marine P	Pollutant	:	No	No	No
14.6	Special Precautions				
Precaution	ons	: ^	lone Identified		
14.7 Transport in Bulk					
Remarks	•	: ^	lot applicable for product as suppli	ed	

SECTION 15 - REGULATORY INFORMATION

15.1 Federal Regulations



Part No. See Section 1.1 (Aerosol)

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SARA Section 313

: Chemical(s) subject to the reporting requirements of Section 313 or Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372.

CAS-No. 1330-20-7	1 - 5%		
CAS-No. 100-41-4	0.2764%		
CAS-No. 108-88-3	0.1 - 1%		
CAS-No. 108-90-7	0.001 - 0.01%		
CAS-No. 98-82-8	0.001 - 0.01%		
CAS-No. 67-63-0	5 - 10%		
CAS-No. 78-92-2	1 - 5%		
CAS-No. 71-43-2	0.001 - 0.01%		
CAS-No. 91-20-3	0.001 - 0.01%		
CAS-No. 67-56-1	0.01 - 0.1%		
CAS-No. 110-54-3	1 - 5%		
CAS-No. 110-82-7	0.1 - 1%		
	CAS-No. 100-41-4 CAS-No. 108-88-3 CAS-No. 108-90-7 CAS-No. 98-82-8 CAS-No. 67-63-0 CAS-No. 78-92-2 CAS-No. 71-43-2 CAS-No. 91-20-3 CAS-No. 67-56-1 CAS-No. 110-54-3		

TSCA Section 12(b)

: Chemical(s) subject to the export notification requirements of Section 12(b) of the Toxic Substances Control Act (TSCA) and 40 CFR Part 707, subpart D

Octamethylcyclotetrasiloxane CAS-No. 556-67-2 0.001 - 0.01%

CERCLA Reportable Quantity

: Chemical(s) subject to reporting requirements of Section 102 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) if released to the environment at or above the reportable quantity

Xylene	CAS-No. 1330-20-7	100 lb
Ethyl Benzene	CAS-No. 100-41-4	1000 lb
Toluene	CAS-No. 108-88-3	1000 lb
Ethyl Acetate	CAS-No. 141-78-6	5000 lb
Chlorobenzene	CAS-No. 108-90-7	100 lb
Cumene	CAS-No. 98-82-8	5000 lb
Benzene	CAS-No. 71-43-2	10 lb
Naphthalene	CAS-No. 91-20-3	100 lb
Methanol	CAS-No. 67-56-1	5000 lb
n-Hexane	CAS-No. 110-54-3	5000 lb
cyclohexane	CAS-No. 110-82-7	1000 lb
Isobutyl Acetate	CAS-No. 110-19-0	5000 lb

15.2 State Regulations

California Proposition 65

: This product contains, or may contain, substance(s) known to the State of California to cause cancer, developmental and/or reproductive harm.

Ethyl Benzene (100-41-4)	Cancer	Yes	0.2764 %
Cumene (98-82-8)	Cancer	Yes	0.0054 %
Benzene (71-43-2)	Cancer	Yes	0.0054 %
Naphthalene (91-20-3)	Cancer	Yes	0.0024 %
Toluene (108-88-3)	Developmental Toxicity	Yes	0.4294 %
Benzene (71-43-2)	Developmental Toxicity	Yes	0.0054 %
Methanol (67-56-1)	Developmental Toxicity	Yes	0.017 %
n-Hexane (110-54-3)	Reproductive Toxicity, Male	Yes	3.8674 %
Ethyl Benzene (100-41-4)	No significance risk level (NSRL)	54 μg/day	
Toluene (108-88-3)	No significance risk level (NSRL)	7000 μg/day	

State Right-to-Know Lists

: The following chemical(s) appear on one or more state RTK (Right to Know) lists as indicated

Propane (74-98-6)

U.S. - New Jersey - Right to Know Hazardous Substance List



Part No. See Section 1.1 (Aerosol)

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Per-Fix™ for Styrene and Polycarbonate

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

Xylene (1330-20-7)	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
Ethyl Benzene (100-41-4)	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
Toluene (108-88-3)	U.S Massachusetts - Right To Know List
	U.S New Jersey - Right to Know Hazardous Substance List
n-Butyl Methacrylate (97-88-1)	U.S Pennsylvania - RTK (Right to Know) List U.S New Jersey - Right to Know Hazardous Substance List
Isobutyl Methacrylate (97-86-9)	, 3
<u> </u>	U.S New Jersey - Right to Know Hazardous Substance List
Ethyl Acetate (141-78-6)	U.S New Jersey - Right to Know Hazardous Substance List U.S Pennsylvania - RTK (Right to Know) List
Isopropyl Acetate (108-21-4)	U.S New Jersey - Right to Know Hazardous Substance List
Chlorobenzene (108-90-7)	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
Benzaldehyde (100-52-7)	U.S New Jersey - Right to Know Hazardous Substance List
Methyl Acetate (79-20-9)	U.S New Jersey - Right to Know Hazardous Substance List
Precipitated Silica (112926-00-8)	U.S New Jersey - Right to Know Hazardous Substance List
Cumene (98-82-8)	U.S New Jersey - Right to Know Hazardous Substance List
	U.S Pennsylvania - RTK (Right to Know) List
Dipropylene Glycol Monomethyl Ether (34590-94-8)	U.S New Jersey - Right to Know Hazardous Substance List
Isopropyl Alcohol (67-63-0)	U.S New Jersey - Right to Know Hazardous Substance List
Secondary Butyl Alcohol (78-92-2)	U.S New Jersey - Right to Know Hazardous Substance List
2-Butoxyethanol (111-76-2)	U.S New Jersey - Right to Know Hazardous Substance List
	U.S Pennsylvania - RTK (Right to Know) List
	U.S Massachusetts - Right To Know List
Benzene (71-43-2)	U.S New Jersey - Right to Know Hazardous Substance List U.S Pennsylvania - RTK (Right to Know) List
Naphthalene (91-20-3)	U.S New Jersey - Right to Know Hazardous Substance List
Naphthalene (31 20 3)	U.S Pennsylvania - RTK (Right to Know) List
n-Heptane (142-82-5)	U.S New Jersey - Right to Know Hazardous Substance List
Methanol (67-56-1)	U.S New Jersey - Right to Know Hazardous Substance List
	U.S Pennsylvania - RTK (Right to Know) List
Stoddard Solvent (8052-41-3)	U.S New Jersey - Right to Know Hazardous Substance List
n-Hexane (110-54-3)	U.S New Jersey - Right to Know Hazardous Substance List
	U.S Pennsylvania - RTK (Right to Know) List
cyclohexane (110-82-7)	U.S New Jersey - Right to Know Hazardous Substance List
Ibut I At-t- (110 10 0)	U.S Pennsylvania - RTK (Right to Know) List
Isobutyl Acetate (110-19-0)	U.S New Jersey - Right to Know Hazardous Substance List U.S Pennsylvania - RTK (Right to Know) List

SECTION 16 - OTHER INFORMATION

Indication of changes

Section	Changed item	Change
1	Revision date	Modified
1	Supersedes	Modified
3	Composition/Information on ingredients	Modified

Disclaimer of Liability

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