SECTION 1 - IDENTIFICATION

1.1 Product Identifier

Product Name : *Custom Oil - Hunter Satin*
Manufacturer Product Number : *641-9*

1.2 Other Means of Identification

Other Identifiers : *Not Applicable*

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

Recommended Use : *Gunstock finish*
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 - United States*	*242 Corning Way, Martinsburg, WV 25405 - 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

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

SECTION 2 - HAZARDS IDENTIFICATION

2.1 Classification of the Substance or Mixture

Flam. Liq. 2	*H225*	*Physical Hazards*	*Flammable liquids Category 2*
Skin Irrit. 2	*H315*	*Health Hazards*	*Skin corrosion/irritation Category 2*
Skin Sens. 1	*H317*	*Health Hazards*	*Skin sensitization, Category 1*
Carc. 2	*H351*	*Health Hazards*	*Carcinogenicity Category 2*
Repr. 2	*H361*	*Health Hazards*	*Reproductive toxicity Category 2*
Stot Se 3	*H336*	*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*

2.2 Label Elements

Hazard Pictograms

GHS02 *GHS07* *GHS08* *GHS09*

Signal Word ***Danger***

Hazard Statements

H225 : *Highly flammable liquid and vapour*
H304 : *May be fatal if swallowed and enters airways*
H315 : *Causes skin irritation*

	H317	:	*May cause an allergic skin reaction*
	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	*P201*	:	*Obtain special instructions before use.*
	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.*
	P233	:	*Keep container tightly closed.*
	P240	:	*Ground/Bond container and receiving equipment*
	P241	:	*Use explosion-proof electrical/ventilating/lighting equipment*
	P242	:	*Use only non-sparking tools.*
	P243	:	*Take precautionary measures against static discharge.*
	P260	:	*Do not breathe vapors.*
	P261	:	*Avoid breathing fumes.*
	P264	:	*Wash hands thoroughly after handling.*
	P271	:	*Use only outdoors or in a well-ventilated area.*
	P272	:	*Contaminated work clothing must not be allowed out of the workplace*
	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*
	P303+P361+P353	:	*If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower*
	P304+P340	:	*If inhaled: Remove person to fresh air and keep comfortable for breathing*
	P308+P313	:	*If exposed or concerned: Get medical advice/attention.*
	P314	:	*Get medical advice/attention if you feel unwell.*
	P331	:	*Do NOT induce vomiting.*
	P333+P313	:	*If skin irritation or rash occurs: Get medical advice/attention.*
	P362+P364	:	*Take off contaminated clothing and wash it before reuse.*
	P370+P378	:	*In case of fire: Use water, CO2, dry chemical, or universal aqueous film forming foam to extinguish.*
	P391	:	*Collect spillage.*
	P403+P233	:	*Store in a well-ventilated place. Keep container tightly closed.*
	P235	:	*Keep cool.*
	P405	:	*Store locked up.*
	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

22.55% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)
22.55% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)
24.6% of the mixture consists of ingredient(s) of unknown acute toxicity (Inhalation (Vapours))

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substance / Mixture

Substance / Mixture : *Mixture*

3.2 Composition

Substance name	CAS Number	% wt*	Classification
N-Hexane	*110-54-3*	*30 - 60*	*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*
Xylene	*1330-20-7*	*5 - 10*	*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*
2-Butoxyethanol	*111-76-2*	*1 - 5*	*Flam. Liq. 4, H227* *Acute Tox. 4 (Oral), H302* *Acute Tox. 4 (Dermal), H312* *Acute Tox. 4 (Inhalation:vapour), H332* *Skin Irrit. 2, H315* *Eye Irrit. 2, H319*
Hydrotreated Light Petroleum Distillate	*64742-47-8*	*< 60*	*Flam. Liq. 4, H227* *Asp. Tox. 1, H304* *Aquatic Acute 2, H401*
Ethyl Benzene	*100-41-4*	*0.1 - 1*	*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*
Methyl Ethyl Ketoxime	*96-29-7*	*0.1 - 1*	*Flam. Liq. 4, H227* *Acute Tox. 4 (Dermal), H312* *Acute Tox. 4 (Inhalation:vapour), H332* *Eye Dam. 1, H318* *Skin Sens. 1, H317* *Carc. 2, H351*
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*

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

4.1 Description of First-Aid Measures

General Measures : *Call a physician immediately.*

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

Skin Contact : *Rinse skin with water/shower. Remove/Take off immediately all contaminated clothing. If skin irritation or rash occurs: Get medical advice/attention.*

Eye Contact : *Rinse eyes with water as a precaution.*

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.*

4.2 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, Cough, Chemical Pneumonitis (Aspiration Liquid), Numbness, Mucous Membrane.*

Delayed Effects : *No known delayed effects.*

Immediate Effects : *No known immediate effects.*

Chronic Effects : *No known chronic effects.*

Target Organs : *Blood, Central Nervous System, Eyes, Liver, 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 : *CONTENTS HIGHLY FLAMMABLE. 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.*

5.3 Special Protective Actions for Fire-Fighters

Firefighting Instructions : *Use water spray to cool fire exposed 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 mode.*

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.*

6.2 Environmental Precautions

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

6.3 Methods and Materials for Containment and Cleaning up

Containment Procedures : *Released content may be contained with oil/solvent absorbent pads, booms, and/or absorbents.*

Cleanup Procedures : *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 : *Not Available.*

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. When using in spray application, conformance to NFPA 33 Spray Application using Flammable and Combustible Materials is recommended.*

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 : *Keep containers closed when not in use. Do not store in open or unlabelled containers. Storage of individual cans should be done in an area below 55°C (120 °F), and away from heat sources.*

Incompatibilities : *Segregate storage away from materials indicated in Section 10.*

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control Parameters

Hydrotreated Light Petroleum Distillate (64742-47-8)		
ACGIH	*ACGIH TWA (ppm)*	*200 mg/m³*
NIOSH	*NIOSH REL (TWA) (mg/m³)*	*100 mg/m³*
California	*California PEL (TWA) (mg/m3)*	*5 mg/m³*

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*
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 (mg/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 (STEL) (mg/m³)*	*545 mg/m³*
NIOSH	*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*

Toluene (108-88-3)		
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*	*0.03 mg/l*
Biological Exposure Index	*o-Cresol in urine (with hydrolysis), End of shift (B)*	*0.3 mg/g creatinine*

Methyl Ethyl Ketoxime (96-29-7)		
AIHA	*WEEL TWA (ppm)*	*10 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) (ppm)*	*50 ppm*
California	*California PEL (TWA) (mg/m3)*	*180 mg/m³*
California	*California PEL (TWA) (ppm)*	*50 ppm*
Biological Exposure Index	*2,5-Hexanedion in urine (without hydrolosis), End of shift at end of workweek*	*0.4 mg/l*

2-Butoxyethanol (111-76-2)		
ACGIH	*ACGIH TWA (mg/m³)*	*20 ppm*
OSHA	*OSHA PEL (TWA) (mg/m³)*	*240 mg/m³*
OSHA	*OSHA PEL (TWA) (ppm)*	*50 ppm*
NIOSH	*US IDLH (ppm)*	*700 ppm*
NIOSH	*NIOSH REL (TWA) (ppm)*	*5 ppm*
California	*California PEL (TWA) (mg/m3)*	*97 mg/m³*
California	*California PEL (TWA) (ppm)*	*20 ppm*
Biological Exposure Index	*Butoxyacetic Acid (BAA) in Urine, End of shift*	*200 mg/g creatinine*

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.*

Hand Protection : *Chemical-resistant gloves, tested according to ASTMF903-17.*

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

Skin and Body Protection : *For brief contact, no precautions other than clean body-covering clothing should be needed.*

Respiratory Protection : *An approved respirator with an organic vapor cartridge may be permissible under certain circumstances where airborne concentrations are expected to exceed occupational exposure limits.*

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

Other Protective Equipment : *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	*> 68.70 °C*	Melting / Freezing Point	*> -96.00 °C*
Flash Point, Liquid	*> -27.00 °C*		
Explosive Limits	*LEL: 0.60 UEL: 12.30 vol %*	Autoignition Temperature, Liquid	*> 190.00 °C*
Flammability	*Highly Flammable Liquid*	Density	*0.779 g/cm³*
Molecular Weight	*Not Available*	Weight	*6.501 lbs/gal*
Vapor Pressure	*Not Available*	pH	*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	*Liquid*	Heat Of Combustion	*Not Available*
Appearance / Color	*Clear, Colorless*	Water Solubility	*Not Available*
Odor	*Paint-like*	Decomposition Temperature	*Not Available*

9.2 Environmental Properties

Percent Volatile	*76.05 % wt*	VOC Regulatory	*592.22 g/L (4.94 lbs/gal)*
Percent VOC	*76.05 % wt*	VOC Actual	*592.46 g/L (4.94 lbs/gal)*
Percent HAP	*6.12 % wt*	HAP Content	*47.67 g/L (0.40 lbs/gal)*
Global Warming Potential	*0.00 GWP*	Maximum Incremental Reactivity	*1.4600 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.*

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, Heat, Flames, Sparks.*

10.5 Incompatible Materials

Materials to Avoid : *Strong Oxidizing Agents, Strong Acids, Bases, Magnesium, Chlorosulfuric Acid, Chlorine, Potassium Chlorate, Dinitrogen Tetroxide, Chlorine Dioxide.*

10.6 Hazardous Decomposition Products

Thermal Decomposition : *Oxides of carbon, Aldehydes.*

SECTION 11 - TOXICOLOGICAL INFORMATION

11.1 Information on Toxicological Effects

Hydrotreated Light Petroleum Distillate (CAS: 64742-47-8 / EC: 265-149-8)	
LD50 Oral (Rat)	*> 5000 mg/kg (ExxonMobil SDS)*
LD50 Dermal (Rabbit)	*> 5000 mg/kg (ExxonMobil SDS)*
LC50 Inhalation (Rat)	*> 5000 mg/kg (ExxonMobil SDS)*

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.)*

Methyl Ethyl Ketoxime (CAS: 96-29-7 / EC: 202-496-6)	
LD50 Oral (Rat)	*> 930 mg/kg (RTECS)*
LD50 Dermal (Rat)	*> 2000 mg/kg (RTECS)*
LD50 Dermal (Rabbit)	*> 1000 mg/kg body weight (RTECS)*
LC50 Inhalation (Rat)	*20 mg/l/4h (Lit.)*

N-Hexane (CAS: 110-54-3 / EC: 203-777-6)	
LD50 Oral (Rat)	*29700 mg/kg (RTECS)*
LD50 Dermal (Rabbit)	*> 3350 mg/kg body weight (ChemInfo)*
LC50 Inhalation (Rat)	*38500 ppm/4h (ChemInfo)*

2-Butoxyethanol (CAS: 111-76-2 / EC: 203-905-0)	
LD50 Oral (Rat)	*917 mg/kg (RTECS)*
LD50 Dermal (Rabbit)	*1060 mg/kg (Sigma-Aldrich)*

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 : *See Section 4.2*

Skin Corrosion/Irritation : *Causes skin irritation.*

Eye Damage/Irritation : *Not classified*

Respiratory or Skin Sensitization : *May cause an allergic skin reaction.*

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.*

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*
ACGIH Category	*A3 - Confirmed animal carcinogen with unknown relevance to humans*

2-Butoxyethanol (CAS: 111-76-2 / EC: 203-905-0)	
ACGIH Category	*A3 - Confirmed animal carcinogen with unknown relevance to humans*

SECTION 12 - ECOLOGICAL INFORMATION

12.1 Ecotoxicity and Ecological Properties

Hydrotreated Light Petroleum Distillate (64742-47-8)	
LC50 Fish	*2.9 mg/l (Sigma-Aldrich)*
EC50 Other Aquatic Organisms	*1.4 mg/l (Sigma-Aldrich)*
Persistence and Degradibility	*Biodegradability 88% / 28 days.*
Log Pow	*6*

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.*
Biochemical Oxygen Demand	*1.40 - 2.53 g O_2/g substance*
Chemical Oxygen Demand	*2.56 - 2.91 g O_2/g substance*
Theoretical Oxygen Demand	*3.1 g O_2/g substance*
BCF Fish	*14.1 - 24 (BCF)*

Xylene (1330-20-7)	
Log Pow	*3.217*
Bioacculative Potential	*Low potential for bioaccumulation (BCF < 500).*
Log Koc	*3.156*

Ethyl Benzene (100-41-4)	
LC50 Fish	*4.2 mg/l Rainbow Trout - 96hr*
EC50 Daphnia	*2.4 mg/l Water Flea - 48hr*
EC50 Other Aquatic Organisms	*9.68 mg/l Bacteria - 30min*
EC50 Other Aquatic Organisms	*4.6 mg/l Green Algae - 72hr*
Persistence and Degradibility	*Readily biodegradable in water. Biodegradable in the soil. Low potential for absorption in soil.*
Biochemical Oxygen Demand	*1.44 g O_2/g substance*
Chemical Oxygen Demand	*2.1 g O_2/g substance*
Theoretical Oxygen Demand	*3.17 g O_2/g substance*
Biodegration	*81 % 28 Days*
BCF Fish	*1.18*
Log Pow	*3.15*
Bioacculative Potential	*Low potential for bioaccumulation (BCF < 500).*
Log Koc	*2.4*

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 g O_2/g substance*
Theoretical Oxygen Demand	*3.13 g O_2/g substance*
Biodegration	*86 % 28 Days*
Log Pow	*2.73 (Experimental Value)*
Bioacculative Potential	*Low potential for bioaccumulation (BCF < 500).*
Log Koc	*2.15*

Methyl Ethyl Ketoxime (96-29-7)	
BCF Fish	*0.5-5.8,BCF; OECD 305: Bioconcentration: Flow-Through Fish Test; 42 days; Cyprinus carpio; Fresh water; Experimental value*
Log Pow	*0.63 (Experimental value; OECD 117: Partition Coefficient (n-octanol/water), HPLC method)*
Bioacculative Potential	*Low potential for bioaccumulation (BCF < 500).*

n-Hexane (110-54-3)	
LC50 Fish	*2.5 mg/l Fathead Minnow - 96h*
EC50 Daphnia	*3878 mg/l Water Flea - 48hr*
Theoretical Oxygen Demand	*3.52 g O_2/g substance*
BCF Fish	*501.187 (BCF; Other; Pimephales promelas)*
Log Pow	*3.9*
Bioacculative Potential	*Potential for bioaccumulation (500 ≤ BCF ≤ 5000).*
Log Koc	*2.17*

2-Butoxyethanol (111-76-2)	
LC50 Fish	*1490 mg/l Bluegill Sunfish - 96h*
LC50 Fish	*1474 mg/l Rainbow Trout - 96hr*
EC50 Daphnia	*1698 - 1940 mg/l Water Flea - 24hr*
EC50 Other Aquatic Organisms	*1840 mg/l Green Algae - 72hr*
Persistence and Degradibility	*Biodegradability 90% / 28 days.*
Biochemical Oxygen Demand	*0.71 g O_2/g substance*
Chemical Oxygen Demand	*2.2 g O_2/g substance*
Theoretical Oxygen Demand	*2.305 g O_2/g substance*
Log Pow	*0.81 (Experimental value; BASF test; 25 °C)*
Bioacculative Potential	*Low potential for bioaccumulation (Log Kow < 4).*

SECTION 13 - DISPOSAL CONSIDERATIONS

13.1 Waste Treatment Methods

Waste Disposal : *Product is suitable for burning in an enclosed, controlled burner for fuel value. Hazard characteristics and regulatory waste stream classification can change with product use and location. Accordingly, 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 material must be disposed of in compliance with the respective national, federal, state, and/or local regulations.*

Waste Disposal Of Packaging : *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.*

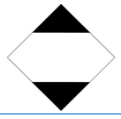
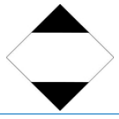
Landfill Precautions : *Not Available.*

Incineration Precautions : *Not Available.*

SECTION 14 - TRANSPORTATION INFORMATION

14.1 UN Number	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
UN Number	*UN1263*	*UN1263*	*UN1263*

14.2 UN Proper Shipping Name	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
UN Proper Shipping Name	*Paint Related Material, Limited Quantity*	*Paint Related Material, Limited Quantity*	*Paint Related Material, Limited Quantity*

14.3 Transport Hazard Class(es)	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Transport Hazard Class(es)	*3*	*3*	*3*
Labels	*None*	*3 - Flammable liquid* 	*None*
Limited Quantity	*Yes* 	*Yes* 	*Yes* 
EmS Code	*Not Applicable*	*Not Applicable*	*F-D, S-U*

14.4 Packing Group	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Packing Group	*III*	*III*	*III*

14.5 Environmental Hazards	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Marine Pollutant	*No*	*No*	*No*

14.6 Special Precautions

Precautions : *None Identified*

14.7 Transport in Bulk

Remarks : *Not applicable for product as supplied*

SECTION 15 - REGULATORY INFORMATION

15.1 Federal Regulations

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.*

Xylene	*CAS-No. 1330-20-7*	*5 - 10%*
Ethyl Benzene	*CAS-No. 100-41-4*	*< 1%*
Toluene	*CAS-No. 108-88-3*	*< 1%*
Cumene	*CAS-No. 98-82-8*	*< 1%*
1,2,4-Trimethyl Benzene	*CAS-No. 95-63-6*	*< 1%*
n-Hexane	*CAS-No. 110-54-3*	*30 - 60%*

TSCA Section 12(b) : *This product or mixture is not known to contain a chemical or chemicals subject to the export notification requirements of section 12(b) of the Toxic Substances Control Act (TSCA) and 40 CFR Part 707, subpart D*

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*
Cumene	*CAS-No. 98-82-8*	*5000 lb*
n-Hexane	*CAS-No. 110-54-3*	*5000 lb*

15.2 State Regulations

California Proposition 65 : *This product contains chemcials known to the State of California to cause cancer, birth defects or other reproductive harm.*

Ethyl Benzene (100-41-4)	*Cancer*	*Yes*	*0.7698 %*
Cumene (98-82-8)	*Cancer*	*Yes*	*0.0235 %*
Quartz (14808-60-7)	*Cancer*	*Yes*	*0.016 %*
Toluene (108-88-3)	*Developmental Toxicity*	*Yes*	*0.1375 %*
n-Hexane (110-54-3)	*Reproductive Toxicity, Male*	*Yes*	*44.232 %*
Ethyl Benzene (100-41-4)	*No significance risk level (NSRL)*	*54*	
Toluene (108-88-3)	*No significance risk level (NSRL)*	*7000*	

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

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* *U.S. - Pennsylvania - RTK (Right to Know) List*
Cumene (98-82-8)	*U.S. - New Jersey - Right to Know Hazardous Substance List* *U.S. - Pennsylvania - RTK (Right to Know) List*
Nonane (111-84-2)	*U.S. - New Jersey - Right to Know Hazardous Substance List*
2-Ethylhexanoic Acid (149-57-5)	*U.S. - New Jersey - Right to Know Hazardous Substance List*
1,2,4-Trimethyl Benzene (95-63-6)	*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*
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*
Quartz (14808-60-7)	*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*
2-phenoxyethanol (122-99-6)	*U.S. - Pennsylvania - RTK (Right to Know) List*

SECTION 16 - OTHER INFORMATION

Indication of changes :

Section	*Changed item*	*Change*

1	Revision date	Modified
2.1	GHS-US classification	Modified
2.2	Precautionary statements (GHS US)	Modified
2.2	Hazard pictograms (GHS US)	Modified
4	Symptoms/effects after ingestion	Modified
4	Symptoms/effects after skin contact	Modified
4.1	First-aid measures after ingestion	Modified
4.1	First-aid measures general	Modified
4.1	First-aid measures after inhalation	Modified
4.1	First-aid measures after skin contact	Modified
5.2	Fire hazard	Modified
8.2	Compliance	Added
8.2	Remarks	Added
8.2	Hand Protection	Added
8.2	Environmental Exposure Controls	Added
8.2	Respiratory Protection	Added
9	Flammability	Modified
9	Flash point	Modified
10	Reactivity	Modified
12.1	Ecology - general	Modified
14	User Precautions	Added
14	EmS Code (Column 15 in IMDG Book 2)	Added
14	Identification Number	Modified
15	Select the Appropriate Proposition 65 Notice	Modified

Full Text of H-Statements :

H Code	*H Phrase*
H225	*Highly flammable liquid and vapour*
H226	*Flammable liquid and vapour*
H227	*Combustible liquid*
H302	*Harmful if swallowed*
H304	*May be fatal if swallowed and enters airways*
H312	*Harmful in contact with skin*
H315	*Causes skin irritation*
H317	*May cause an allergic skin reaction*
H318	*Causes serious eye damage*
H319	*Causes serious eye irritation*
H332	*Harmful if inhaled*
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*