

**NSN: 8030-00-118-0666**

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

## SECTION 1 - IDENTIFICATION

### 1.1 Product Identifier

Product Name : NSN: 8030-00-118-0666  
 Manufacturer Product Number : FM-10536-001

### 1.2 Other Means of Identification

Other Identifiers : Daubert Tectyl 502C

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

Recommended Use : Corrosion preventative  
 Restrictions on Use : None Identified

### 1.4 Supplier Details

	Manufacturer Details	Supplier Details
AMS Industries	Chem-Pak Inc	AMS Industries LLC
1813 Associates Ln	242 Corning Way, Martinsburg, WV 25405 -	2810 Interstate Street, Charlotte, NC 28208 - United
Charlotte NC 28217	United States	States
704-376-8500	304-262-1880	704-376-8500
jblake@ams-ind.com	304-262-9643	
	msds@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. Aerosol 1	H222	Physical Hazards	Flammable aerosol Category 1
Press. Gas (Comp.)	H280	Physical Hazards	Gases under pressure Compressed gas
Skin Irrit. 2	H315	Health Hazards	Skin corrosion/irritation Category 2
Repr. 2	H361	Health Hazards	Reproductive toxicity Category 2
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 3	H412	Environmental Hazards	Hazardous to the aquatic environment - Chronic Hazard Category 3

### 2.2 Label Elements

#### Hazard Pictograms



#### Signal Word

**Danger**

#### Hazard Statements

H222 : Extremely flammable aerosol  
 H280 : Contains gas under pressure; may explode if heated  
 H304 : May be fatal if swallowed and enters airways  
 H315 : Causes skin irritation  
 H361 : Suspected of damaging fertility or the unborn child



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<b>Precautionary Statements</b>	H373	: May cause damage to organs through prolonged or repeated exposure
	H401	: Toxic to aquatic life
	H412	: Harmful to aquatic life with long lasting effects
	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.
	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
	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.
P362+P364	: Take off contaminated clothing and wash it before reuse.
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 applicable regulations

## 2.3 Other Hazards Which Do Not Result In Classification

Hazards Not Otherwise Classified : None Identified.

## 2.4 Unknown acute toxicity

51.43% of the mixture consists of ingredient(s) of unknown acute toxicity (Oral)  
51.43% of the mixture consists of ingredient(s) of unknown acute toxicity (Dermal)  
16.43% 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
Hydrotreated Light Petroleum Distillate	64742-47-8	10 - 30	Flam. Liq. 4, H227 Asp. Tox. 1, H304 Aquatic Acute 2, H401
Propane	74-98-6	10 - 30	Flam. Gas 1, H220 Press. Gas (Diss.), H280
Petrolatum (Petroleum), Oxidized, Zinc Salt	68918-69-4	10 - 30	Skin Irrit. 2, H315
N-Butane	106-97-8	10 - 30	Flam. Gas 1, H220 Press. Gas (Diss.), H280
Hydrotreated Light Petroleum Naphtha	64742-49-0	5 - 10	Flam. Liq. 2, H225 Asp. Tox. 1, H304 Aquatic Acute 3, H402 Aquatic Chronic 3, H412
Isobutane	75-28-5	5 - 10	Flam. Gas 1, H220 Press. Gas (Diss.), H280



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Substance name	CAS Number	% wt*	Classification
N-Hexane	110-54-3	5 - 10	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
Cyclohexane	110-82-7	1 - 5	Flam. Liq. 2, H225 Skin Irrit. 2, H315 STOT SE 3, H336 Asp. Tox. 1, H304 Aquatic Acute 1, H400 Aquatic Chronic 1, H410

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	: Wash skin with plenty of water. Take off contaminated clothing. If skin irritation 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, Lassitude (Weakness), Dermatitis, Confusion, Skin Irritation, Headache, Dizziness, Nausea, Narcosis, Drowsiness, 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	: 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	: 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.



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## 5.3 Special Protective Actions for Fire-Fighters

- 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 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** : 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. For storage of pallet quantities, compliance with NFPA 30B (Manufacture and Storage of Aerosol Products) is recommended.
- Incompatibilities** : Segregate storage away from materials indicated in Section 10.
- NFPA 30B Classification** : This product is classified as a Level 3 Aerosol per NFPA 30B

## SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control Parameters

#### N-Butane (106-97-8)

ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	1000 ppm
OSHA	OSHA PEL (TWA) (ppm)	800 ppm



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<b>N-Butane (106-97-8)</b>		
NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	1900
NIOSH	NIOSH REL (TWA) (ppm)	800 ppm
California	California PEL (TWA) (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
California	California PEL (TWA) (ppm)	800 ppm

<b>Propane (74-98-6)</b>		
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	1800 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (ppm)	1000 ppm
NIOSH	US IDLH (ppm)	2100 ppm
NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	1800 mg/m <sup>3</sup>
NIOSH	NIOSH REL (TWA) (ppm)	1000 ppm
California	California PEL (TWA) (mg/m <sup>3</sup> )	1800 mg/m <sup>3</sup>
California	California PEL (TWA) (ppm)	1000 ppm

<b>Isobutane (75-28-5)</b>		
ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	1000 ppm
NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	1900 mg/m <sup>3</sup>
NIOSH	NIOSH REL (TWA) (ppm)	800 ppm

<b>Hydrotreated Light Petroleum Distillate (64742-47-8)</b>		
ACGIH	ACGIH TWA (ppm)	200 mg/m <sup>3</sup>
NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	100 mg/m <sup>3</sup>
California	California PEL (TWA) (mg/m <sup>3</sup> )	5 mg/m <sup>3</sup>

<b>N-Hexane (110-54-3)</b>		
ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	50 ppm
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	1800 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (ppm)	500 ppm
NIOSH	US IDLH (ppm)	1100 ppm
NIOSH	NIOSH REL (TWA) (mg/m <sup>3</sup> )	180 mg/m <sup>3</sup>
NIOSH	NIOSH REL (TWA) (ppm)	50 ppm
California	California PEL (TWA) (mg/m <sup>3</sup> )	180 mg/m <sup>3</sup>
California	California PEL (TWA) (ppm)	50 ppm
Biological Exposure Index	2,5-Hexanedion in urine (without hydrolysis), End of shift at end of workweek	0.4 mg/l

<b>Cyclohexane (110-82-7)</b>		
ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	100 ppm (Cyclohexane; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
OSHA	OSHA PEL (TWA) (mg/m <sup>3</sup> )	1050 mg/m <sup>3</sup>
OSHA	OSHA PEL (TWA) (ppm)	300 ppm
NIOSH	US IDLH (ppm)	1300 ppm
NIOSH	NIOSH REL (TWA) (ppm)	300 ppm
California	California PEL (TWA) (mg/m <sup>3</sup> )	1050 mg/m <sup>3</sup>
California	California PEL (TWA) (ppm)	300 ppm

<b>8.2 Exposure Controls</b>	
<b>Engineering Measures</b>	: 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.
<b>Personal Protective Equipment</b>	
<b>Eye / Face Protection</b>	: 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.
<b>Hand Protection</b>	: Chemical-resistant gloves, tested according to ASTM F903-17.
<b>Remarks</b>	: Choose gloves to protect hands against chemicals depending on the concentration and quantity of the hazardous substance and specific to the place of work.
<b>Skin and Body Protection</b>	: 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.



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- 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	> 63.00 °C	Melting / Freezing Point	> -142.00 °C
Flash Point, Liquid	> -17.00 °C		
Explosive Limits	LEL: 0.60 UEL: 8.00 vol %	Autoignition Temperature, Liquid	> 231.00 °C
Flammability	Extremely Flammable Aerosol	Density	0.689 g/cm <sup>3</sup>
Molecular Weight	Not Available	Weight	5.750 lbs/gal
Vapor Pressure	Not Available	pH	Not Available
Vapor Density	Not Available	Evaporation Rate (nBAC=1)	Not Available
Viscosity	8.44 cSt (centistoke)	Partition Coefficient (Log Pow)	Not Available
Odor Threshold	Not Available	Refractive Index	Not Available
Physical State	Pressurized Product	Heat Of Combustion	13347.44 BTU/lb
Appearance / Color	Brown	Water Solubility	Not Available
Odor	Solvent	Decomposition Temperature	Not Available

9.2 Environmental Properties			
Percent Volatile	69.85 % wt	VOC Regulatory	430.11 g/L (3.59 lbs/gal)
Percent VOC	50.19 % wt	VOC Actual	345.82 g/L (2.89 lbs/gal)
Percent HAP	0.21 % wt	HAP Content	1.45 g/L (0.01 lbs/gal)
Global Warming Potential	1.10 GWP	Maximum Incremental Reactivity	0.7760 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 Reducing Agents, Strong Acids, Potassium t-Butoxide, Halogen Compounds, Aluminum Chloride, Chlorosulfuric Acid, Chlorine, Potassium Chlorate, Dinitrogen Tetroxide, Chlorine Dioxide.

### 10.6 Hazardous Decomposition Products

**Thermal Decomposition** : Oxides of carbon, Unstable peroxides, Aldehydes.

## SECTION 11 - TOXICOLOGICAL INFORMATION



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## 11.1 Information on Toxicological Effects

### **N-Butane (CAS: 106-97-8 / EC: 203-448-7)**

LC50 Inhalation (Rat)	658 mg/l/4h (ChemInfo)
LC50 Inhalation (Rat)	276000 ppm/4h (ChemInfo)

### **Propane (CAS: 74-98-6 / EC: 200-827-9)**

LC50 Inhalation (Rat)	658 mg/l/4h (Lit.)
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### **Isobutane (CAS: 75-28-5 / EC: 200-857-2)**

LC50 Inhalation (Rat)	368000 ppm/4h (ChemInfo)
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### **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)	> 5.28 mg/l/4h (ECHA)

### **Petrolatum (Petroleum), Oxidized, Zinc Salt (CAS: 68918-69-4 / EC: 272-865-4)**

LD50 Oral (Rat)	> 5000 mg/kg (Lit.)
LD50 Dermal (Rabbit)	> 2000 mg/kg (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)

### **Hydrotreated Light Petroleum Naphtha (CAS: 64742-49-0 / EC: 265-151-9)**

LD50 Oral (Rat)	> 5800 mg/kg (External SDS)
LD50 Dermal (Rabbit)	> 2920 mg/kg (External SDS)
LC50 Inhalation (Rat)	> 23 mg/l/4h (External SDS)

### **Cyclohexane (CAS: 110-82-7 / EC: 203-806-2)**

LD50 Oral (Rat)	> 12705 mg/kg (Sigma-Aldrich)
LD50 Dermal (Rabbit)	> 2000 mg/kg body weight (RTECS)
LC50 Inhalation (Rat)	> 19.07 mg/l/4h (Lit.)
LC50 Inhalation (Rat)	> 9500 ppm/4h (RTECS)

<b>Routes Of Exposure</b>	: Eye Contact, Ingestion, Skin Contact, Inhalation, Skin Absorption.
<b>Delayed and Immediate Effects and Also Chronic Effects from Short and Long Term Exposure</b>	: See Section 4.2
<b>Skin Corrosion/Irritation</b>	: Causes skin irritation.
<b>Eye Damage/Irritation</b>	: Not classified
<b>Respiratory or Skin Sensitization</b>	: Not classified
<b>Germ Cell Mutagenicity</b>	: Not classified
<b>Reproductive Toxicity</b>	: Suspected of damaging fertility or the unborn child.
<b>STOT-Single Exposure</b>	: Not classified
<b>STOT-Repeated Exposure</b>	: May cause damage to organs through prolonged or repeated exposure.
<b>Aspiration Hazard</b>	: May be fatal if swallowed and enters airways.
<b>Vaporizer</b>	: Aerosol
<b>Carcinogen Data</b>	: None of the ingredients in the product are listed with OSHA, IARC, NTP or ACGIH as being a suspected or known carcinogen in a concentration greater than 0.1% by weight.

## SECTION 12 - ECOLOGICAL INFORMATION

### 12.1 Ecotoxicity and Ecological Properties

#### **n-Butane (106-97-8)**

Persistence and Degradability	Readily biodegradable in water.
Bioconcentration Factor	33.52



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## n-Butane (106-97-8)

Log Pow	2.89
Bioaccumulative Potential	Low potential for bioaccumulation (Log Kow < 4).
Log Koc	1.641

## Propane (74-98-6)

Persistence and Degradability	Readily biodegradable in water. Not applicable (gas). Photodegradation in the air.
BCF Fish	9 - 25 (BCF)
Log Pow	2.28 (Calculated)
Bioaccumulative Potential	Low potential for bioaccumulation (Log Kow < 4).

## Isobutane (75-28-5)

Persistence and Degradability	Readily biodegradable in water. Biodegradable in the soil. Not applicable (gas).
BCF Fish	26.62
Log Pow	2.76
Bioaccumulative Potential	Low potential for bioaccumulation (BCF < 500).
Log Koc	1.545

## 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 Degradability	Biodegradability 88% / 28 days.
Log Pow	6

## 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 <sub>2</sub> /g substance
BCF Fish	501.187 (BCF; Other; Pimephales promelas)
Log Pow	3.9
Bioaccumulative Potential	Potential for bioaccumulation (500 ≤ BCF ≤ 5000).
Log Koc	2.17

## Hydrotreated Light Petroleum Naphtha (64742-49-0)

LC50 Fish	4.1 mg/l Fathead Minnow - 96h
EC50 Daphnia	10 mg/l Water Flea - 48hr
EC50 Other Aquatic Organisms	11 mg/l Green Algae - 72hr
Log Kow	3.6 - 5.7

## cyclohexane (110-82-7)

LC50 Fish	4.53 mg/l Fathead Minnow - 96h
EC50 Daphnia	0.93 mg/l Water Flea - 48hr
EC50 Other Aquatic Organisms	3.4 mg/l Green Algae - 72hr
Persistence and Degradability	Biodegradability 8% / 28 days.
Biochemical Oxygen Demand	0.22 g O <sub>2</sub> /g substance
Theoretical Oxygen Demand	3.425 g O <sub>2</sub> /g substance
Log Pow	3.44 (Experimental value; 25 °C)
Bioaccumulative Potential	Low potential for bioaccumulation (BCF < 500).
Log Koc	log Koc, Other; 2.89; QSAR; Koc; Other; 770; QSAR

## 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.





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Landfill Precautions : Not Available.  
Incineration Precautions : \*\* DO NOT INCINERATE \*\* CONTENTS UNDER PRESSURE \*\*.

## SECTION 14 - TRANSPORTATION INFORMATION

14.1 UN Number	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
UN Number	: UN1950	UN1950	UN1950

14.2 UN Proper Shipping Name	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
UN Proper Shipping Name	: Aerosols, Limited Quantity	Aerosols, Flammable, Limited Quantity	Aerosols, Limited Quantity

14.3 Transport Hazard Class(es)	DOT (USA)	IATA (AIR)	IMDG (OCEAN)
Transport Hazard Class(es)	: 2.1	2.1	2.1
Labels	: None	2.1 - Flammable gas	None



Limited Quantity	: Yes	Yes	Yes

EmS Code	: Not Applicable	Not Applicable	F-D, S-U
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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 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.

Benzene	CAS-No. 71-43-2	0.001 - 0.01%
Naphthalene	CAS-No. 91-20-3	0.001 - 0.01%
Cumene	CAS-No. 98-82-8	0.0001 - 0.001%
Ethyl Benzene	CAS-No. 100-41-4	0.01 - 0.1%
Toluene	CAS-No. 108-88-3	0.01 - 0.1%
n-Hexane	CAS-No. 110-54-3	5 - 10%
cyclohexane	CAS-No. 110-82-7	1 - 5%
Methyl Isobutyl Ketone	CAS-No. 108-10-1	0.01 - 0.1%

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



# SAFETY DATA SHEET

Part No. FM-10536-001 (Aerosol)

Print Date: 06/09/2019  
 Revision Date: 9/6/2019  
 Supersedes Date: 9/6/2019  
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**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

Benzene	CAS-No. 71-43-2	10 lb
Naphthalene	CAS-No. 91-20-3	100 lb
Cumene	CAS-No. 98-82-8	5000 lb
Ethyl Benzene	CAS-No. 100-41-4	1000 lb
Toluene	CAS-No. 108-88-3	1000 lb
n-Hexane	CAS-No. 110-54-3	5000 lb
cyclohexane	CAS-No. 110-82-7	1000 lb
Methyl Isobutyl Ketone	CAS-No. 108-10-1	5000 lb

**15.2 State Regulations**

**California Proposition 65**

: This product does not contain any substance known to the State of California to cause cancer, developmental and/or reproductive harm.

Benzene (71-43-2)	Cancer	Yes	0.004 %
Naphthalene (91-20-3)	Cancer	Yes	0.0045 %
Cumene (98-82-8)	Cancer	Yes	0.0005 %
Ethyl Benzene (100-41-4)	Cancer	Yes	0.0489 %
Methyl Isobutyl Ketone (108-10-1)	Cancer	Yes	0.095 %
Benzene (71-43-2)	Developmental Toxicity	Yes	0.004 %
Toluene (108-88-3)	Developmental Toxicity	Yes	0.0539 %
Methyl Isobutyl Ketone (108-10-1)	Developmental Toxicity	Yes	0.095 %
n-Hexane (110-54-3)	Reproductive Toxicity, Male	Yes	6.4101 %
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

n-Butane (106-97-8)	U.S. - New Jersey - Right to Know Hazardous Substance List
Propane (74-98-6)	U.S. - New Jersey - Right to Know Hazardous Substance List
Isobutane (75-28-5)	U.S. - New Jersey - Right to Know Hazardous Substance 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 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
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
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 U.S. - Pennsylvania - RTK (Right to Know) List
Methyl Isobutyl Ketone (108-10-1)	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	Created Safety Data Sheet - Revision 1	Added



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