






# SAFETY DATA SHEET

## 1. Product and Company Identification

<b>PRODUCT NUMBER:</b>	1735	<b>COMPANY PHONE:</b>	1-800-241-8180
<b>PRODUCT NAME:</b>	TOUGH COAT	<b>EMERGENCY TELEPHONE:</b>	1-800-241-8180
<b>PRODUCT DESCRIPTION:</b>	Aerosol Pure Stainless Steel Coating	<b>INFOTRAC:</b>	1-800-535-5053
<b>COMPANY INFORMATION:</b>	<b>PRO CHEM, INC.</b> 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

## 2. Hazards Identification

<b>GHS CLASSIFICATION:</b> Flammable aerosols: Category 1 Skin corrosion/irritation: Category 2 Serious eye damage/eye irritation: Category 2A Germ Cell Mutagenicity: Category 1B Reproductive toxicity (the unborn child): Category 2 Specific target organ toxicity, single exposure: Category 3 narcotic effects Specific target organ toxicity, repeated exposure: Category 2 Aspiration hazard: Category 1 <b>OSHA defined hazards:</b> Not classified.	<b>SIGNAL WORD:</b> <b>DANGER</b>	<b>SYMBOL:</b>			
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### HAZARD STATEMENTS:

Extremely flammable aerosol. May be fatal if swallowed and enters airways. Causes skin irritation. Causes serious eye irritation. May cause drowsiness or dizziness. May cause genetic defects. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure.

### PRECAUTIONARY STATEMENTS:

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Do not breathe gas. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves/protective clothing/eye protection/face protection.

**Response:** IF SWALLOWED: Immediately call a poison center/doctor. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF EXPOSED OR CONCERNED: Get medical advice/attention. Call a poison center/doctor if you feel unwell. If skin irritation occurs, get medical advice/attention. If eye irritation persists, get medical advice/attention. Take off contaminated clothing and wash before reuse.

**Storage:** Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

**Disposal:** Dispose of contents/container in accordance with local/regional/national/international regulations.

### ENVIRONMENTAL HAZARDS:

Hazardous to the aquatic environment, acute hazard: Category 3  
Hazardous to the aquatic environment, long-term hazard: Category 3

### HAZARDS NOT OTHERWISE SPECIFIED:

Harmful to aquatic life. Harmful to aquatic life with long lasting effects.

### SUPPLEMENTAL INFORMATION:

None.

## 3. Composition / Information on Ingredients

Chemical Name	CAS	Concentration % by Weight
Acetone	67-64-1	20-40
Toluene	108-88-3	20-40
Propane	74-98-6	10-20
Butane	106-97-8	2.5-10
Xylene	1330-20-7	2.5-10
Ethyl Benzene	100-41-4	1-2.5
Other components below reportable levels		10-20

\*Designates that a specific chemical identity and/or percentage of composition has been withheld as a trade secret.

## 4. First Aid Measures

### EMERGENCY OVERVIEW

**GENERAL:** If exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

**EYES:** Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.

**SKIN:** Remove contaminated clothing. Wash with plenty of soap and water. If skin irritation occurs, get medical advice/attention. Wash contaminated clothing before reuse.

**INHALATION:** Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

**INGESTION:** Call a physician or poison control center immediately. Rinse mouth. Do not induce vomiting. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs.

**MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:**  
Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision. Skin irritation. May cause redness and pain. Prolonged exposure may cause chronic effects.

**INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:**  
Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.

**5. Fire Fighting Measures**

**SUITABLE FIRE EXTINGUISHING MEDIA:**  
Alcohol resistant foam. Powder. Carbon dioxide (CO<sub>2</sub>).

**UNSUITABLE FIRE EXTINGUISHING MEDIA:**  
Do not use water jet as an extinguisher, as this will spread the fire.

**SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:**  
Contents under pressure. Pressurized container may explode when exposed to heat or flame. During fire, gases hazardous to health may be formed.

**SPECIFIC FIREFIGHTING METHODS:**  
Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes. Use standard firefighting procedures and consider the hazards of other involved materials. Move containers from fire area if you can do so without risk. In the event of fire and/or explosion do not breathe fumes.

**SPECIAL PROTECTIVE EQUIPMENT FOR FIREFIGHTERS:**  
Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots and enclosed spaces, SCBA.

**FIRE FIGHTING EQUIPMENT/INSTRUCTIONS:**  
Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

**GENERAL FIRE HAZARDS:**  
Extremely flammable aerosol.

**6. Accidental Release Measures**

**PERSONAL PRECAUTIONS:**  
Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during cleanup. Do not breathe gas. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. For personal protection, see Section 8 of the SDS.

**MATERIALS AND METHODS FOR CLEANUP:**  
Refer to attached safety data sheets and/or instructions for use. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Prevent entry into waterways, sewer, basements or confined areas. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Following product recovery, flush area with water.  
Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see Section 13 of the SDS.

**ENVIRONMENTAL PRECAUTIONS:**  
Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

**7. Handling and Storage**

**SAFE HANDLING:**  
Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Pressurized container: Do not pierce or burn, even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind or expose containers to heat, flame, sparks or other sources of ignition. All equipment used when handling the product must be grounded. Do not reuse empty containers. Do not breathe gas. Avoid contact with eyes, skin and clothing. Avoid prolonged exposure. Pregnant or breastfeeding women must not handle this product. Should be handled in closed systems, if possible. Use only in well-ventilated areas. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

**SAFE STORAGE & INCOMPATIBILITIES:**  
Level 2 Aerosol.  
Store locked up. Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C/122°F. Do not puncture, incinerate or crush. Do not handle or store near an open flame, heat or other sources of ignition. This material can accumulate static charge which may cause spark and become an ignition source. Store away from incompatible materials (see Section 10 of the SDS).

**8. Exposure Controls / Personal Protection**

**Occupational exposure limits**  
**US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)**

COMPONENTS	TYPE	VALUE
Acetone (CAS 67-64-1)	PEL	2400 mg/m <sup>3</sup> 1000 ppm
Ethyl Benzene (CAS 100-41-4)	PEL	435 mg/m <sup>3</sup> 100 ppm

Propane (CAS 74-98-6) PEL 1800 mg/m<sup>3</sup>  
1000 ppm

Xylene (CAS 1330-20-7) PEL 435 mg/m<sup>3</sup>  
100 ppm

**US. OSHA Table Z-2 Limits for Air Contaminants (29 CFR 1910.1000)**

COMPONENTS	TYPE	VALUE
Toluene (CAS 108-88-3)	Ceiling	300 ppm
	TWA	200 ppm

**US. ACGIH Threshold Limit Values**

COMPONENTS	TYPE	VALUE
Acetone (CAS 67-64-1)	STEL	500 ppm
	TWA	250 ppm
Butane (CAS 106-97-8)	STEL	1000 ppm
Ethyl Benzene (CAS 100-41-4)	TWA	20 ppm
Toluene (CAS 108-88-3)	TWA	20 ppm
Xylene (CAS 1330-20-7)	STEL	150 ppm
	TWA	100 ppm

**US. NIOSH: Pocket Guide to Chemical Hazards**

COMPONENTS	TYPE	VALUE
Acetone (CAS 67-64-1)	TWA	590 mg/m <sup>3</sup> 250 ppm
Butane (CAS 106-97-8)	TWA	1900 mg/m <sup>3</sup> 800 ppm
Ethyl Benzene (CAS 100-41-4)	STEL	545 mg/m <sup>3</sup> 125 ppm
	TWA	435 mg/m <sup>3</sup> 100 ppm
Propane (CAS 74-98-6)	TWA	1800 mg/m <sup>3</sup> 1000 ppm
Toluene (CAS 108-88-3)	STEL	560 mg/m <sup>3</sup> 150 ppm
	TWA	375 mg/m <sup>3</sup> 100 ppm

**BIOLOGICAL LIMIT VALUE:**

COMPONENTS	VALUE	DETERMINANT	SPECIMEN	SAMPLING TIME
Acetone (CAS 67-64-1)	25 mg/l	Acetone	Urine	*
Ethyl Benzene (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in Urine	*
Toluene (CAS 108-88-3)	0.3 mg/g 0.03 mg/l 0.02 mg/l	o-Cresol, with hydrolysis	Creatinine in Urine	*
		Toluene	Urine	*
		Toluene	Blood	*
Xylene (CAS 1330-20-7)	1.5 g/g	Methylhippuric Acids	Creatinine in Urine	*
Acetone (CAS 67-64-1)	25 mg/l	Acetone	Urine	*
Ethyl Benzene (CAS 100-41-4)	0.15 g/g	Sum of mandelic acid and phenylglyoxylic acid	Creatinine in Urine	*

\* - For sampling details, please see the source document.

**EXPOSURE GUIDELINES**

**US - California OELs: Skin designation**

Toluene (CAS 108-88-3) Can be absorbed through the skin.

**US - Minnesota Haz Subs: Skin designation applies**

Toluene (CAS 108-88-3) Skin designation applies.

**APPROPRIATE ENGINEERING CONTROLS:**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Eyewash facilities and emergency shower must be available when handling this product.

**INDIVIDUAL PROTECTION MEASURES, SUCH AS PERSONAL PROTECTIVE EQUIPMENT:**



**Eye Protection:** Wear safety glasses with side shields (or goggles).

**Skin Protection:** Wear appropriate chemical resistant gloves. Suitable gloves can be recommended by the glove supplier. Wear appropriate chemical resistant clothing. Use of an impervious apron is recommended.

**Respiratory Protection:** If permissible levels are exceeded, use NIOSH mechanical filter/organic vapor cartridge or an air-supplied respirator.

**Thermal Hazards:** Wear appropriate thermal protective clothing, when necessary.

**General Hygiene Considerations:** Observe any medical surveillance requirements. When using do not smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

### 9. Physical & Chemical Properties

<b>Physical State:</b>	Gas.	<b>Flammability (solid/gas):</b>	Not available.
<b>Form:</b>	Aerosol.	<b>Flammability Limit-lower (%):</b>	1.1% estimated.
<b>Color:</b>	Not available.	<b>Flammability Limit-upper (%):</b>	7.1% estimated.
<b>Odor:</b>	Not available.	<b>Explosive Limit – lower (%):</b>	Not available.
<b>Odor Threshold:</b>	Not available.	<b>Explosive Limit – upper (%):</b>	Not available.
<b>pH:</b>	Not available.	<b>Vapor Pressure:</b>	3244.56 psig @70°F estimated.
<b>Melting/Freezing Point:</b>	Not available.	<b>Vapor Density:</b>	Not available.
<b>Initial Boiling Point/Range:</b>	114.29 °F (45.71°C) estimated.	<b>Relative Density:</b>	Not available.
<b>Partition Coeff (n-octanol/water):</b>	Not available.	<b>Solubility (water):</b>	Not available.
<b>Viscosity:</b>	Not available.	<b>Auto-Ignition Temperature:</b>	Not available.
<b>Specific Gravity:</b>	0.624 estimated.	<b>Decomposition Temperature:</b>	Not available.
<b>Flash Point:</b>	-2.2 °F (-19.0°C) estimated.	<b>Evaporation Rate:</b>	Not available.
<b>Explosive Properties:</b>	Not explosive.	<b>Oxidizing Properties:</b>	Not oxidizing.

### 10. Stability & Reactivity Information

**REACTIVITY:**

The product is stable and non-reactive under normal conditions of use, storage and transport.

**CHEMICAL STABILITY:**

Material is stable under normal conditions.

**POSSIBILITY OF HAZARDOUS REACTIONS:**

Hazardous polymerization does not occur.

**INCOMPATIBLE MATERIALS:**

Strong acids. Acids. Strong oxidizing agents. Nitrates. Halogens. Fluorine. Chlorine.

**CONDITIONS TO AVOID:**

Avoid temperatures exceeding the flash point. Contact with incompatible materials.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

No hazardous decomposition products are known.

### 11. Toxicological Information

**PRIMARY ROUTE OF ENTRY:**

**Eyes:** Causes serious eye irritation.

**Skin:** Causes skin irritation.

**Inhalation:** May cause damage to organs through prolonged or repeated exposure by inhalation. May cause drowsiness and dizziness. Headache. Nausea, vomiting.

**Ingestion:** Droplets of the product aspirated into the lungs through ingestion or vomiting may cause a serious chemical pneumonia.

**SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:**

Aspiration may cause pulmonary edema and pneumonitis. May cause drowsiness and dizziness. Headache. Nausea, vomiting. Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling and blurred vision. Skin irritation. May cause redness and pain.

**ACUTE TOXICITY:**

May be fatal if swallowed and enters airways. Narcotic effects.

COMPONENTS	SPECIES	TEST RESULTS
Acetone (CAS 67-64-1)		
<b>Acute</b>		
<i>Dermal</i>		
LD50	Guinea pig	>7426 mg/kg, 24 Hours
	Rabbit	>9.4 ml/kg, 24 Hours
		>7426 mg/kg, 24 Hours
		>9.4 ml/kg, 24 Hours
<i>Inhalation</i>		
LC50	Rat	55700 ppm, 3 Hours
		132 mg/l, 3 Hours
		50.1 mg/l
<i>Oral</i>		
LD50	Rat	5800 mg/kg
		2.2 ml/kg
Butane (CAS 106-97-8)		
<b>Acute</b>		
<i>Inhalation</i>		
LC50	Mouse	1237 mg/l, 120 Minutes
		52%, 120 Minutes
	Rat	1355 mg/l

Ethyl Benzene (CAS 100-41-4)

**Acute**

*Dermal*

LD50

Rabbit

17.8 ml/kg, 24 Hours

*Inhalation*

LC50

Mouse

>8000 ppm, 20 Minutes

Rat

4000 ppm

*Oral*

LD50

Rat

3500 mg/kg

Propane (CAS 74-98-6)

**Acute**

*Inhalation*

LC50

Mouse

1237 mg/l, 120 Minutes

Rat

52%, 120 Minutes

1355 mg/l

658 mg/l/4h

Toluene (CAS 108-88-3)

**Acute**

*Dermal*

LD50

Rabbit

>5000 mg/kg, 24 Hours

*Inhalation*

LC50

Mouse

6405 - 7436 ppm, 6 Hours

5320 ppm, 8 Hours

Rat

5879 - 6281 ppm, 6 Hours

25.7 mg/l, 4 Hours

*Oral*

LD50

Rat

>5000 mg/kg

Xylene (CAS 1330-20-7)

**Acute**

*Dermal*

LD50

Rabbit

>5000 ml/kg, 4 Hours

12126 mg/kg, 24 Hours

*Inhalation*

LC50

Rat

5922 ppm, 4 Hours

*Oral*

LD50

Mouse

5251 mg/kg

Rat

3523 mg/kg

10 ml/kg

\* Estimates for product may be based on additional component data not shown.

**SKIN CORROSION/IRRITATION:**

Causes skin irritation.

**SERIOUS EYE DAMAGE/IRRITATION:**

Causes serious eye irritation.

**RESPIRATORY SENSITIZATION:**

Not a respiratory sensitizer.

**SKIN SENSITIZATION:**

This product is not expected to cause skin sensitization.

**GERM CELL MUTAGENICITY:**

May cause genetic defects.

**CARCINOGENICITY:**

Risk of cancer cannot be excluded with prolonged exposure.

**IARC Monographs. Overall Evaluation of Carcinogenicity:**

Ethyl Benzene (CAS 100-41-4)

2B Possibly carcinogenic to humans.

Toluene (CAS 108-88-3)

3 Not classifiable as to carcinogenicity to humans.

Xylene (CAS 1330-20-7)

3 Not classifiable as to carcinogenicity to humans.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):** Not regulated.

**US. National Toxicology Program (NTP) Report on Carcinogens:** Not listed.

**REPRODUCTIVE TOXICITY:**

Components in this product have been shown to cause birth defects and reproductive disorders in laboratory animals. Suspected of damaging the unborn child.

**SPECIFIC TARGET ORGAN TOXICITY (single exposure):**

May cause drowsiness and dizziness.

**SPECIFIC TARGET ORGAN TOXICITY (repeated exposures):**

May cause damage to organs through prolonged or repeated exposure.

**ASPIRATION HAZARD:**

May be fatal if swallowed and enters airways.

**CHRONIC EFFECTS:**

May cause damage to organs through prolonged or repeated exposure. Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects.

## 12. Ecological Information

**ECOTOXICITY:** Harmful to aquatic life with long lasting effects.

COMPONENTS		SPECIES	TEST RESULTS
Acetone (CAS 67-64-1)			
<b>Aquatic</b>			
Crustacea	EC50	Water flea (Daphnia magna)	21.6 - 23.9 mg/l, 48 hours
Fish	LC50	Rainbow trout, donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours
Ethyl Benzene (CAS 100-41-4)			
<b>Aquatic</b>			
Algae	IC50	Algae	4.6 mg/L, 72 Hours
Crustacea	EC50	Daphnia	2.1 mg/L, 48 Hours
		Water flea (Daphnia magna)	1.37 - 4.4 mg/l, 48 hours
Fish	LC50	Fathead minnow (Pimephales promelas)	7.5 - 11 mg/l, 96 hours
Toluene (CAS 108-88-3)			
<b>Aquatic</b>			
Algae	IC50	Algae	433.0001 mg/L, 72 Hours
Crustacea	EC50	Daphnia	7.645 mg/L, 48 Hours
		Water flea (Daphnia magna)	5.46 - 9.83 mg/l, 48 hours
Fish	LC50	Coho salmon, silver salmon (Oncorhynchus kisutch)	8.11 mg/l, 96 hours
Xylene (CAS 1330-20-7)			
<b>Aquatic</b>			
Fish	LC50	Bluegill (Lepomis macrochirus)	7.711 - 9.591 mg/l, 96 hours

\* Estimates for product may be based on additional component data not shown.

### PERSISTENCE AND DEGRADABILITY:

No data is available on the degradability of this product.

### BIOACCUMULATIVE POTENTIAL:

#### Partition coefficient n-octanol / water (log Kow):

Acetone	-0.24
Butane	2.89
Ethyl Benzene	3.15
Propane	2.36
Toluene	2.73
Xylene	3.12 - 3.2

**MOBILITY IN SOIL:** No data available.

### OTHER ADVERSE EFFECTS:

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. Disposal Consideration

### DISPOSAL INSTRUCTIONS:

Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Contents under pressure. Do not puncture, incinerate or crush. Do not allow this material to drain into sewers/water supplies. Do not contaminate ponds, waterways or ditches with chemical or used container. Dispose of contents/container in accordance with local/regional/national/international regulations.

### LOCAL DISPOSAL REGULATIONS:

Dispose in accordance with all applicable regulations.

### HAZARDOUS WASTE CODE:

The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

### WASTE FROM RESIDUES/UNUSED PRODUCTS:

Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal Instructions).

### CONTAMINATED PACKAGING:

Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal. Do not reuse empty containers.

## 14. Transportation Information

**DOT:** **UN Number:** UN1950  
**UN Proper Shipping Name:** Aerosols, flammable  
**Transport Hazard Class(es)**  
**Class:** 2.1  
**Subsidiary Risk:** -  
**Label(s):** 2.1  
**Packing Group:** Not applicable.  
**Special Precautions for User:** Read safety instructions, SDS and emergency procedures before handling.  
**Special Provisions:** N82  
**Packaging Exceptions:** 306  
**Packaging Nonbulk:** None.  
**Packaging Bulk:** None.



This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity. Until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking.

**IATA:** UN Number: UN1950  
UN Proper Shipping Name: Aerosols, flammable.  
Transport Hazard Class(es)  
Class: 2.1  
Subsidiary Risk: -  
Label(s): 2.1  
Packing Group: Not applicable.  
Environmental Hazards: Yes.  
ERG Code: 10L  
Special Precautions for User: Read safety instructions, SDS and emergency procedures before handling.  
Other Information:



Passenger and Cargo Aircraft: Allowed with restrictions.  
Cargo Aircraft Only: Allowed with restrictions.  
Packaging Exceptions: LTD QTY

**IMDG:** UN NUMBER: UN1950  
UN Proper Shipping Name: AEROSOLS  
Transport Hazard Class(es)  
Class: 2.1  
Subsidiary Risk: -  
Label(s): 2.1



Packing Group: Not applicable.  
Environmental Hazards:  
Marine pollutant: Yes.  
EmS: F-D, S-U  
Special Precautions for User: Read safety instructions, SDS and emergency procedures before handling.  
Packaging Exceptions: LTD QTY

**TRANSPORT IN BULK ACCORDING TO ANNEX II OF MARPOL 73/78 and the IBC CODE:**  
Not applicable.

**GENERAL INFORMATION:**  
IMDG Regulated Marine Pollutant.

## 15. Regulatory Information

### US FEDERAL REGULATIONS:

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D):** Not regulated.

#### CERCLA Hazardous Substance List (40 CFR 302.4)

Acetone (CAS 67-64-1)	Listed.
Ethyl Benzene (CAS 100-41-4)	Listed.
Toluene (CAS 108-88-3)	Listed.
Xylene (CAS 1330-20-7)	Listed.

**SARA 304 Emergency release notification:** Not regulated.

**OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050):** Not regulated.

### SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT of 1986 (SARA):

**Hazard categories:**  
Immediate Hazard – Yes.  
Delayed Hazard – Yes.  
Fire Hazard – Yes.  
Pressure Hazard – No.  
Reactivity Hazard – No.

**SARA 302 Extremely hazardous substance:** Not listed.

**SARA 311/312 Hazardous Chemical:** No.

#### SARA 313 (TRI reporting)

Chemical name	CAS number	% by wt.
Toluene	108-88-3	20 - 40
Xylene	1330-20-7	2.5 - 10
Ethyl Benzene	100-41-4	1 - 2.5

### OTHER FEDERAL REGULATIONS:

#### Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HAPs) List:

Ethyl Benzene (CAS 100-41-4)  
Toluene (CAS 108-88-3)  
Xylene (CAS 1330-20-7)

#### Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130):

Butane (CAS 106-97-8)  
Propane (CAS 74-98-6)

**Safe Drinking Water Act(SDWA):** Not regulated.

#### Drug Enforcement Administration (DEA). List 2, Essential Chemicals (21 CFR 1310.02(b) and 1310.04(f)(2) and Chemical Code Number:

Acetone (CAS 67-64-1) 6532  
Toluene (CAS 108-88-3) 6594

#### Drug Enforcement Administration (DEA). List 1 & 2 Exempt Chemical Mixtures (21 CFR 1310.12(c)):

Acetone (CAS 67-64-1) 35% WV  
Toluene (CAS 108-88-3) 35% WV

#### DEA Exempt Chemical Mixtures Code Number:

Acetone (CAS 67-64-1) 6532  
Toluene (CAS 108-88-3) 594

**US STATE REGULATIONS:****US. California Controlled Substances. CA Department of Justice (California Health and Safety Code Section 11100):** Not listed.**US. California. Candidate Chemicals List. Safer Consumer Products Regulations (Cal. Code Regs, tit. 22, 69502.3, subd.(a)):**

Acetone (CAS 67-64-1)  
 Butane (CAS 106-97-8)  
 Ethyl Benzene (CAS 100-41-4)  
 Toluene (CAS 108-88-3)  
 Xylene (CAS 1330-20-7)

**US. Massachusetts RTK - Substance List:**

Acetone (CAS 67-64-1)  
 Butane (CAS 106-97-8)  
 Ethyl Benzene (CAS 100-41-4)  
 Propane (CAS 74-98-6)  
 Toluene (CAS 108-88-3)  
 Xylene (CAS 1330-20-7)

**US. New Jersey Worker and Community Right-to-Know Act:**

Acetone (CAS 67-64-1)  
 Butane (CAS 106-97-8)  
 Ethyl Benzene (CAS 100-41-4)  
 Propane (CAS 74-98-6)  
 Toluene (CAS 108-88-3)  
 Xylene (CAS 1330-20-7)

**US. Pennsylvania Worker and Community Right-to-Know Law:**

Acetone (CAS 67-64-1)  
 Butane (CAS 106-97-8)  
 Ethyl Benzene (CAS 100-41-4)  
 Propane (CAS 74-98-6)  
 Toluene (CAS 108-88-3)  
 Xylene (CAS 1330-20-7)

**US. Rhode Island RTK:**

Acetone (CAS 67-64-1)  
 Butane (CAS 106-97-8)  
 Ethyl Benzene (CAS 100-41-4)  
 Propane (CAS 74-98-6)  
 Toluene (CAS 108-88-3)  
 Xylene (CAS 1330-20-7)

**US. California Proposition 65:** WARNING: This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.**US - California Proposition 65 - CRT: Listed date/Carcinogenic substance:**

Ethyl Benzene (CAS 100-41-4) Listed: June 11, 2004

**US - California Proposition 65 - CRT: Listed date/Developmental toxin:**

Toluene (CAS 108-88-3) Listed: January 1, 1991

**INTERNATIONAL INVENTORIES:**

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

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

**16. Other Information****DISCLAIMER:**

To the best of our knowledge, information contained herein is accurate. However, there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard, which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product, which may not be covered by this SDS. The user is responsible for full compliance.