






SAFETY DATA SHEET

1. Product and Company Identification

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

2. Hazards Identification

| | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| GHS CLASSIFICATION: Flammable aerosols: Category 1 Skin corrosion/irritation: Category 2 Serious eye damage/eye irritation: Category 2A 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 Hazardous to the aquatic environment, acute hazard: Category 2 Hazardous to the aquatic environment, long-term hazard: Category 2 OSHA defined hazards: Not classified. | SIGNAL WORD: DANGER | SYMBOL: |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|

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. 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. Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection.

Response: IF SWALLOWED: Immediately call a poison center/doctor. 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. Specific treatment (see this label). Do NOT induce vomiting. If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Collect spillage.

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.

HAZARDS NOT OTHERWISE SPECIFIED:

None known.

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: Rinse with water. Get medical attention if irritation develops and persists.

SKIN: Wash off with soap and water. Get medical attention if irritation develops and persists.

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:

Rinse mouth. Get medical attention if symptoms occur.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of nose and throat. Aspiration may cause pulmonary edema and

pneumonitis. 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:

Powder. Alcohol resistant foam. Carbon dioxide (CO₂).

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.

SPECIFIC FIRE-FIGHTING METHODS:

Move containers from fire area if you can do so without risk. 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. 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 in enclosed spaces, SCBA.

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. Keep out of low areas. Wear appropriate protective equipment and clothing during clean up. 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.

METHODS & MATERIALS FOR CONTAINMENT & CLEANING UP:

Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. 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. Prevent entry into waterways, sewer, basements, or confined areas. 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, watercourses 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. Use only in well-ventilated areas. Should be handled in closed systems, if possible. Pregnant or breastfeeding women must not handle this product. 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. Refrigeration recommended. Store away from incompatible materials (see Section 10 of the SDS).

8. Exposure Controls / Personal Protection

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

| COMPONENT | TYPE | VALUE |
|------------------------------|------|------------------------------------|
| Acetone (CAS 67-64-1) | PEL | 2400 mg/m ³ 1000 ppm |
| Ethyl Benzene (CAS 100-41-4) | PEL | 435 mg/m ³ 100 ppm |
| Propane (CAS 74-98-6) | PEL | 1800 mg/m ³ 1000 ppm |
| Xylene (CAS 1330-20-7) | PEL | 435 mg/m ³ 100 ppm |

US. OSHA Table Z-2 (29 CFR 1910.1000)

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

US. ACGIH Threshold Limit Values

| COMPONENT | TYPE | VALUE |
|------------------------------|------|----------|
| Acetone (CAS 67-64-1) | STEL | 750 ppm |
| | TWA | 500 ppm |
| Butane (CAS 106-97-8) | STEL | 1000 ppm |
| Ethyl Benzene (CAS 100-41-4) | TWA | 20 ppm |

Toluene (CAS 108-88-3)
Xylene (CAS 1330-20-7)

TWA 20 ppm
STEL 150 ppm
TWA 100 ppm

US. NIOSH: Pocket Guide to Chemical Hazards

COMPONENT

TYPE

VALUE

Acetone (CAS 67-64-1)

TWA

590 mg/m³

Butane (CAS 106-97-8)

TWA

1900 mg/m³

Ethyl Benzene (CAS 100-41-4)

STEL

545 mg/m³

Propane (CAS 74-98-6)

TWA

1800 mg/m³

Toluene (CAS 108-88-3)

STEL

560 mg/m³

TWA

150 ppm

375 mg/m³

100 ppm

BIOLOGICAL LIMIT VALUES

COMPONENT

VALUE

DETERMINANT

SPECIMEN

SAMPLING TIME

Acetone (CAS 67-64-1)

50 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

o-Cresol, with hydrolysis

Creatinine in Urine

*

Xylene (CAS 1330-20-7)

0.03 mg/l

Toluene

Urine

*

0.02 mg/l

Toluene

Blood

*

Xylene (CAS 1330-20-7)

1.5 g/g

Methylhippuric Acids

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.

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.

PERSONAL PROTECTIVE EQUIPMENT:



EYE PROTECTION: Wear safety glasses with side shields (or goggles).

SKIN PROTECTION: Wear appropriate chemical resistant gloves. 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: When using, do not eat, drink, or 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

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

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.

POSSIBILITIES 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. Prolonged inhalation may be harmful.

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:

May cause drowsiness and dizziness. Headache. Nausea, vomiting. Irritation of nose and throat. Aspiration may cause pulmonary edema and pneumonitis. 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) | | |
| Acute <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) | | |
| Acute <i>Inhalation</i> LC50 | Mouse | 1237 mg/l, 120 Minutes |
| | Rat | 52%, 120 Minutes 1355 mg/l |
| Ethyl Benzene (CAS 100-41-4) | | |
| Acute <i>Dermal</i> LD50 | Rabbit | 17.8 ml/kg, 24 Hours |
| <i>Inhalation</i> LC50 | Mouse Rat | > 8000 ppm, 20 Minutes 4000 ppm |
| <i>Oral</i> LD50 | Rat | 3500 mg/kg |
| <i>Other</i> LD50 | Mouse | 17.81 mm/kg |
| Propane (CAS 74-98-6) | | |
| Acute <i>Inhalation</i> LC50 | Mouse | 1237 mg/l, 120 Minutes |
| | Rat | 52%, 120 Minutes 1355 mg/l 658 mg/l/4 h |
| Toluene (CAS 108-88-3) | | |
| Acute <i>Dermal</i> LD50 | Rabbit | > 5000 mg/kg, 24 Hours |
| <i>Inhalation</i> LC50 | Mouse | 6405 - 7436 ppm, 6 Hours 5320 ppm, 8 Hours |

| | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------|
| | Rat | 5879 - 6281 ppm, 6 Hours 12.5 - 28.8 mg/l, 4 Hours |
| Oral LD50 | Rat | 5000 mg/kg |
| Xylene (CAS 1330-20-7) | | |
| Acute | | |
| <i>Dermal</i> | | |
| LD50 | Rabbit | > 5000 ml/kg, 4 Hours 12126 mg/kg, 24 Hours |
| <i>Inhalation</i> | | |
| LC50 | Rat | 5922 ppm, 4 Hours |
| <i>Oral</i> | | |
| 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 available. | | |
| SKIN SENSITIZATION: | | |
| This product is not expected to cause skin sensitization. | | |
| GERM CELL MUTAGENICITY: | | |
| No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic. | | |
| 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 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 exposure: | | |
| Respiratory system. Skin. Kidneys. Central nervous system. Eyes. Liver. May cause damage to organs through prolonged or repeated exposure. | | |
| ASPIRATION HAZARD: | | |
| May be fatal if swallowed and enters airways. | | |
| CHRONIC EFFECTS: | | |
| Prolonged inhalation may be harmful. Prolonged exposure may cause chronic effects. May cause damage to organs through prolonged or repeated exposure. | | |

| 12. Ecological Information | | | |
|------------------------------------------------------------------------------|------|------------------------------------------------------|------------------------------|
| ECOTOXICITY: | | | |
| Toxic to aquatic life with long lasting effects. | | | |
| COMPONENTS | | SPECIES | TEST RESULTS |
| Acetone (CAS 67-64-1) | | | |
| Aquatic | | | |
| 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) | | | |
| Aquatic | | | |
| 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) | | | |
| Aquatic | | | |
| 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) | | | |
| Aquatic | | | |
| 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:

No data available.

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.

US RCRA Hazardous Waste U List: Reference

Acetone (CAS 67-64-1) U002

Toluene (CAS 108-88-3) U220

Xylene (CAS 1330-20-7) U239

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:

Empty containers should be taken to an approved waste-handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use 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 NON BULK:** 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 and both may be displayed concurrently.

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.**CARGO AIRCRAFT ONLY:** Allowed.**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.

MARINE POLLUTANT



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.

All components are on the U.S. EPA TSCA Inventory List.

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 listed.

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. 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

US - California Proposition 65 - CRT: Listed date/Female reproductive toxin

Toluene (CAS 108-88-3) Listed: August 7, 2009

| 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

N/A = Not Applicable; N/D = Not Determined

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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.