




# SAFETY DATA SHEET

1. Product and Company Identification			
PRODUCT NUMBER:	1731	COMPANY PHONE:	1-800-241-8180
PRODUCT NAME:	ANTI-SEIZE COMPOUND	EMERGENCY TELEPHONE:	1-800-535-5053
PRODUCT DESCRIPTION:	Aerosol Copper Anti-Seize Lubricant	INFOTRAC:	1-800-535-5053
COMPANY INFORMATION:	PRO CHEM, INC. 1475 Bluegrass Lakes Parkway Alpharetta, GA 30004		

2. Hazards Identification					
<b>GHS CLASSIFICATION:</b> <b>Physical Hazards:</b> Flammable Aerosol: Category 1 <b>Health Hazards:</b> Aspiration Hazard: Category 1 <b>Environmental Hazards:</b> Acute hazards to the aquatic environment: Category 1	<b>SIGNAL WORD:</b> <b>DANGER</b>	<b>SYMBOL:</b>			
<b>HAZARD STATEMENTS:</b> Extremely flammable aerosol. May be fatal if swallowed and enters airways. Very toxic to aquatic life. <b>PRECAUTIONARY STATEMENTS:</b> <b>Prevention:</b> Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use. Avoid release to the environment. <b>Response:</b> IF SWALLOWED: Immediately call a POISON CENTER/doctor Do NOT induce vomiting. Collect spillage. <b>Storage:</b> Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. Store locked up. <b>Disposal:</b> Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. <b>HAZARDS NOT OTHERWISE SPECIFIED:</b> None.					

3. Composition / Information on Ingredients		
Chemical Name	CAS	Concentration % by Weight
Butane	106-97-8	20 - <50%
Distillates (petroleum), hydrotreated light	64742-47-8	20 - <50%
Propane	74-98-6	5 - <10%
2-Propanone	67-64-1	5 - <10%
Copper	7440-50-8	5 - <10%
Naphtha (petroleum), light alkylate	64741-66-8	1 - <5%
1H-Imidazole-1-ethanol, 2-(8-heptadecen-1-yl)-4,5-dihydro-	95-38-5	0.1 - <1%

\*All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.  
**The exact concentration has been withheld as a trade secret.**

4. First Aid Measures
<b>DESCRIPTION OF NECESSARY FIRST-AID MEASURES:</b> <b>EYES:</b> Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. If eye irritation persists: Get medical advice/attention. <b>SKIN:</b> Wash skin thoroughly with soap and water. If skin irritation occurs: Get medical advice/attention. <b>INHALATION:</b> Move to fresh air. <b>INGESTION:</b> Rinse mouth. Call a physician or poison control center immediately. Never give liquid to an unconscious person. If vomiting occurs, keep head low so that stomach content doesn't get into the lungs. <b>PERSONAL PROTECTION FOR FIRST-AID RESPONDERS:</b> Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots and in enclosed spaces, SCBA. <b>MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED:</b> <b>Symptoms:</b> No data available. <b>Hazards:</b> No data available. <b>INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED:</b> <b>Treatment:</b> Get medical attention if symptoms occur.

## 5. Fire-Fighting Measures

### GENERAL FIRE HAZARDS:

Use water spray to keep fire-exposed containers cool. Fight fire from a protected location. Move containers from fire area if you can do so without risk.

### SUITABLE FIRE EXTINGUISHING MEDIA:

Use fire-extinguishing media appropriate for surrounding materials.

### UNSUITABLE FIRE EXTINGUISHING MEDIA:

Do not use water jet as an extinguisher, as this will spread the fire.

### SPECIFIC HAZARDS ARISING FROM THE CHEMICAL:

Vapors may travel considerable distance to a source of ignition and flash back.

### SPECIFIC FIRE-FIGHTING METHODS:

No data available.

### 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.

## 6. Accidental Release Measures

### PERSONAL PRECAUTIONS:

Ventilate closed spaces before entering them. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep upwind.

### ACCIDENTAL RELEASE MEASURES:

Prevent entry into waterways, sewer, basements or confined areas. Stop the flow of material, if this is without risk. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stop leak if you can do so without risk.

### ENVIRONMENTAL PRECAUTIONS:

Do not contaminate water sources or sewer. Prevent further leakage or spillage if safe to do so.

### METHODS & MATERIALS FOR CONTAINMENT & CLEANUP:

Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

## 7. Handling and Storage

### TECHNICAL MEASURES (E.G. LOCAL AND GENERAL VENTILATION):

No data available.

### SAFE HANDLING:

Wash hands thoroughly after handling. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Do not spray on an open flame or other ignition source. Do not pierce or burn, even after use.

### CONTACT AVOIDANCE MEASURES:

No data available.

### SAFE STORAGE & INCOMPATIBILITIES:

Store locked up. Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Aerosol Level 2

### SAFE PACKAGING MATERIALS:

No data available.

### STORAGE TEMPERATURE:

No data available.

## 8. Exposure Controls / Personal Protection

### OCCUPATIONAL EXPOSURE LIMITS:

Chemical Identity	Type	Exposure Limit Values		Source
Butane	REL	800 ppm	1,900 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	STEL	1,000 ppm		US. ACGIH Threshold Limit Values, as amended
	TWA	800 ppm	1,900 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Distillates (petroleum), hydrotreated light	REL		100 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	TWA		200 mg/m3	US. ACGIH Threshold Limit Values, as amended
Propane	REL	1,000 ppm	1,800 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	PEL	1,000 ppm	1,800 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	1,000 ppm	1,800 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
2-Propanone	STEL	1,000 ppm	2,400 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	PEL	1,000 ppm	2,400 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	250 ppm		US. ACGIH Threshold Limit Values, as amended
	TWA	750 ppm	1,800 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
	STEL	500 ppm		US. ACGIH Threshold Limit Values, as amended
	REL	250 ppm	590 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Copper - Fume. - as Cu	TWA		0.1 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Copper - Dust and mist. - as Cu	TWA		1 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Copper - Fume. - as Cu	PEL		0.1 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
Copper - Dust and mist. - as Cu	PEL		1 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA		1 mg/m3	US. ACGIH Threshold Limit Values, as amended

Copper - Fume. - as Cu	TWA		0.2 mg/m3	US. ACGIH Threshold Limit Values, as amended
	REL		0.1 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Copper - Dust and mist. - as Cu	REL		1 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Methane, dimethoxy-	PEL	1,000 ppm	3,100 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
	TWA	1,000 ppm		US. ACGIH Threshold Limit Values, as amended
	REL	1,000 ppm	3,100 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
	TWA	1,000 ppm	3,100 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Graphite - Total dust.	PEL		15 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
Graphite - Respirable.	REL		2.5 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Graphite - Respirable fraction.	TWA		2 mg/m3	US. ACGIH Threshold Limit Values, as amended
Graphite	TWA	15 millions of particles per cubic foot of air		US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
Graphite - Respirable fraction.	PEL		5 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
Graphite - Respirable dust.	TWA		2.5 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Crystalline Silica - Respirable dust.	REL		0.05 mg/m3	US. NIOSH: Pocket Guide to Chemical Hazards, as amended
Crystalline Silica – Respirable.	TWA	2.4 millions of particles per cubic foot of air		US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
	TWA		0.1 mg/m3	US. OSHA Table Z-3 (29 CFR 1910.1000), as amended
Crystalline Silica - Respirable fraction.	TWA		0.025 mg/m3	US. ACGIH Threshold Limit Values, as amended
Crystalline Silica - Respirable dust.	TWA		0.1 mg/m3	US. OSHA Table Z-1-A (29 CFR 1910.1000), as amended
Crystalline Silica - Respirable dust.	TWA		0.05 mg/m3	US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended
Crystalline Silica - Respirable dust.	PEL		0.05 mg/m3	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000), as amended
Crystalline Silica - Respirable dust.	OSHA ACT		0.025 mg/m3	US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1053), as amended

#### BIOLOGICAL LIMIT VALUES:

Chemical Identity	Exposure Limit Values	Source
2-Propanone (acetone: Sampling time: End of shift.)	25 mg/l (Urine)	ACGIH BEL

#### EXPOSURE GUIDELINES:

Distillates (petroleum), hydrotreated light	US. ACGIH Threshold Limit Values, as amended	Can be absorbed through the skin.
	US. ACGIH Threshold Limit Values, as amended	Can be absorbed through the skin.

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



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

**Skin & Hand Protection:** No data available.

**Respiratory Protection:** In case of inadequate ventilation use suitable respirator. Seek advice from local supervisor.

**Skin & Body Protection:** Wear suitable protective clothing.

**Hygiene Measures:** Observe good industrial hygiene practices. When using do not smoke.

#### APPROPRIATE ENGINEERING CONTROLS:

No data available.

#### 9. Physical & Chemical Properties

<b>Physical State:</b>	Liquid	<b>Explosive Limit-Lower (%):</b>	Estimated 1.9%(V)
<b>Form:</b>	Spray Aerosol	<b>Explosive Limit-Upper (%):</b>	Estimated 9.5%(V)
<b>Color:</b>	No data available.	<b>Vapor Pressure:</b>	Estimated 3,102 - 4,481 hPa (20°C)
<b>Odor:</b>	No data available.	<b>Vapor Density (air=1):</b>	No data available.
<b>Odor Threshold:</b>	No data available.	<b>Relative Density:</b>	No data available.
<b>pH:</b>	No data available.	<b>Solubility in Water:</b>	No data available.
<b>Freezing Point:</b>	No data available.	<b>Solubility (other):</b>	No data available.
<b>Boiling Point:</b>	No data available.	<b>Partition coefficient (n-octanol/water):</b>	No data available.
<b>Density:</b>	No data available.	<b>Self-Ignition Temperature:</b>	No data available.
<b>Flash Point:</b>	Estimated -104.44°C	<b>Oxidizing Properties:</b>	No data available.
<b>Evaporation Rate:</b>	No data available.	<b>Decomposition Temperature:</b>	No data available.
<b>Flammability(solid/gas):</b>	No data available.	<b>Kinematic Viscosity:</b>	6100 - 6500 mm <sup>2</sup> /s (12°C)
<b>Explosive Properties:</b>	No data available.	<b>Dynamic Viscosity:</b>	6,100 - 6,500 mPa.s (12°C)

#### 10. Stability & Reactivity Information

##### REACTIVITY:

No data available.

**CHEMICAL STABILITY:**

Material is stable under normal conditions.

**POSSIBILITY OF HAZARDOUS REACTIONS:**

No data available.

**CONDITIONS TO AVOID:**

Avoid heat or contamination.

**INCOMPATIBLE MATERIALS:**

No data available.

**HAZARDOUS DECOMPOSITION PRODUCTS:**

No data available.

**11. Toxicological Information****INFORMATION ON LIKELY ROUTES OF EXPOSURE:****Inhalation:** No data available.**Skin Contact:** No data available.**Eye Contact:** No data available.**Ingestion:** No data available.**SYMPTOMS RELATED TO THE PHYSICAL, CHEMICAL AND TOXICOLOGICAL CHARACTERISTICS:****Inhalation:** No data available.**Skin Contact:** No data available.**Eye Contact:** No data available.**Ingestion:** No data available.**INFORMATION ON TOXICOLOGICAL EFFECTS****ACUTE TOXICITY:****Oral Product:** Not classified for acute toxicity based on available data.**Dermal Product:** Not classified for acute toxicity based on available data.**Inhalation Product:** Not classified for acute toxicity based on available data.**REPEATED DOSE TOXICITY:****Product:** No data available.**Components:**

Butane	LOAEL (Rat(Female, Male), Inhalation, >= 28 d): 12,000 ppm(m) Inhalation Experimental result, Key study NOAEL (Rat(Female, Male), Inhalation, >= 28 d): 4,000 ppm(m) Inhalation Experimental result, Key study
Distillates (petroleum), hydrotreated light	NOAEL (Rat(Female, Male), Inhalation): >= 24 mg/m3 Inhalation Experimental result, Key study
Propane	NOAEL (Rat(Female), Oral, 70 - 147 d): 750 mg/kg Oral Experimental result, Key study NOAEL (Rat(Female, Male), Inhalation, >= 28 d): 4,000 ppm(m) Inhalation Experimental result, Key study
2-Propanone	LOAEL (Rat(Female, Male), Inhalation, >= 28 d): 12,000 ppm(m) Inhalation Experimental result, Key study
Copper	NOAEL (Rat(Male), Oral, 13 Weeks): 10,000 ppm(m) Oral Experimental result, Key study
Naphtha (petroleum), light alkylate	NOAEL (Rat(Female, Male), Oral, 92 d): 1,000 ppm(m) Oral Experimental result, Key study
1H-Imidazole-1-ethanol, 2-(8-heptadecen-1-yl)-4, 5-dihydro-	NOAEL (Mouse, Rat(Female, Male), Inhalation, 107 - 113 Weeks): 1,402 mg/m3 Inhalation Experimental result, Key study NOAEL (Rat(Female, Male), Dermal, 5 - 28 d): 3,750 mg/kg Dermal Experimental result, Key study LOAEL (Rat(Female, Male), Oral, 31 - 51 d): 20 mg/kg Oral Experimental result, Key study

**SKIN CORROSION/IRRITATION:****Product:** No data available.**Components:**

Distillates (petroleum), hydrotreated light	In vivo (Rabbit): Not irritant
2-Propanone	In vivo (Rabbit): Not irritant
Copper	In vivo (Rabbit): Not irritant
Naphtha (petroleum), light alkylate	In vitro (Human): Not corrosive
1H-Imidazole-1-ethanol, 2-(8-heptadecen-1-yl)-4, 5-dihydro-	In vivo (Rabbit): Corrosive

**SERIOUS EYE DAMAGE/EYE IRRITATION:****Product:** No data available.**Components:**

Distillates (petroleum), hydrotreated light	Rabbit, 24 - 72hrs: Not irritating
2-Propanone	Irritating. Rabbit, 24hrs: Minimum grade of severe eye irritant
Copper	Rabbit: Not irritating
Naphtha (petroleum), light alkylate	Rabbit, 24 - 72hrs: Not irritating
1H-Imidazole-1-ethanol, 2-(8-heptadecen-1-yl)-4,5-dihydro-	Rabbit: Corrosive

**RESPIRATORY SENSITIZATION:****Product:** No data available.**Components:**

Distillates (petroleum), hydrotreated light	Skin sensitization:, in vivo (Guinea pig): Non sensitizing
2-Propanone	Skin sensitization:, in vivo (Guinea pig): Non sensitizing
Copper	Skin sensitization:, in vivo (Guinea pig): Non sensitizing
Naphtha (petroleum), light alkylate	Skin sensitization:, in vivo (Guinea pig): Non sensitizing
1H-Imidazole-1-ethanol, 2-(8-heptadecen-1-yl)-4, 5-dihydro-	Skin sensitization:, in vivo (Guinea pig): Non sensitizing

**CARCINOGENICITY****Product:** No data available.

**IARC Monographs on the Evaluation of Carcinogenic Risks to Humans:**

No carcinogenic components identified.

**US. National Toxicology Program (NTP) Report on Carcinogens:**

No carcinogenic components identified.

**U.S. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:**

No carcinogenic components identified.

**GERM CELL MUTAGENICITY:****In Vitro Product:** No data available.**In Vivo Product:** No data available.**REPRODUCTIVE TOXICITY:****Product:** No data available.**SPECIFIC TARGET ORGAN TOXICITY -single exposure:****Product:** No data available.**Components:**

2-Propanone Inhalation - vapor: Narcotic effect. - Category 3 with narcotic effects.

**SPECIFIC TARGET ORGAN TOXICITY -repeated exposure:****Product:** No data available.**ASPIRATION HAZARD:****Product:** No data available.**Components:**Distillates (petroleum), hydrotreated light May be fatal if swallowed and enters airways.  
Naphtha (petroleum), light alkylate May be fatal if swallowed and enters airways.**OTHER EFFECTS:**

No data available.

**12. Ecological Information****ECOTOXICITY:****ACUTE HAZARDS TO THE AQUATIC ENVIRONMENT:****FISH****Product:** No data available.**Components:**Butane LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study  
Propane LC 50 (Various, 96 h): 147.54 mg/l QSAR QSAR, Key study  
2-Propanone LC 50 (Oncorhynchus mykiss, 96 h): 5,540 mg/l Experimental result, Key study  
Naphtha (petroleum), light alkylate LL 50 (Oncorhynchus mykiss, 96 h): 10 mg/l Experimental result, Key study  
1H-Imidazole-1-ethanol, 2-(8-heptadecen-1-yl)-4, 5-dihydro- LC 100 (Danio rerio, 96 h): 0.58 mg/l Experimental result, Key study**AQUATIC INVERTEBRATES****Product:** No data available.**Components:**Butane LC 50 (Daphnia sp., 48 h): 69.43 mg/l QSAR QSAR, Key study  
2-Propanone LC 50 (Daphnia pulex, 48 h): 8,800 mg/l Experimental result, Key study  
Naphtha (petroleum), light alkylate EC 50 (Daphnia magna, 48 h): 4.5 mg/l Experimental result, Key study  
1H-Imidazole-1-ethanol, 2-(8-heptadecen-1-yl)-4, 5-dihydro- EC 50 (Daphnia magna, 48 h): 0.163 mg/l Experimental result, Key study**CHRONIC HAZARDS TO THE AQUATIC ENVIRONMENT:****FISH****Product:** No data available.**Components:**

Distillates (petroleum), hydrotreated light NOAEL (Oncorhynchus mykiss): 0.098 mg/l QSAR QSAR, Key study

**AQUATIC INVERTEBRATES****Product:** No data available.**Components:**2-Propanone LOAEL (Daphnia magna): 2,212 mg/l Experimental result, Key study  
NOAEL (Daphnia magna): 2,212 mg/l Experimental result, Key study  
Naphtha (petroleum), light alkylate NOAEL (Daphnia magna): 2.6 mg/l Experimental result, Key study**TOXICITY TO AQUATIC PLANTS:****Product:** No data available.**PERSISTENCE AND DEGRADABILITY:****BIODEGRADATION****Product:** No data available.**Components:**Butane 100% (385.5 h) Detected in water. Experimental result, Key Study  
Distillates (petroleum), hydrotreated light 61% Detected in water. Experimental result, Supporting study  
Propane 100% (385.5 h) Detected in water. Experimental result, Key study  
50% (3.19 d) Detected in water. QSAR, Weight of Evidence study  
2-Propanone 90.9% (28 d) Detected in water. Experimental result, Key study  
Naphtha (petroleum), light alkylate 90.35% (28 d) Detected in water. Experimental result, Supporting study  
1H-Imidazole-1-ethanol, 2-(8-heptadecen-1-yl)-4,5-dihydro- 1% (28 d) Detected in water. Experimental result, Key study**BOD/COD RATIO****Product:** No data available.

**BIOACCUMULATIVE POTENTIAL:****Product:** No data available.**Components:**

2-Propanone	Haddock, adult, Bioconcentration Factor (BCF): 0.69 Aquatic sediment Experimental result, Not specified
Naphtha (petroleum), light alkylate	Bioconcentration Factor (BCF): 10 - 2,500 Aquatic sediment Estimated by calculation, Key study
1H-Imidazole-1-ethanol, 2-(8-heptadecen-1-yl)-4,5-dihydro-	Bioconcentration Factor (BCF): 371.8 Aquatic sediment Estimated by calculation, Weight of Evidence study

**PARTITION COEFFICIENT N-OCTANOL / WATER (LOG KOW)****Product:** No data available.**MOBILITY IN SOIL:** No data available.**Components:**

Butane	No data available.
Distillates (petroleum), hydrotreated light	No data available.
Propane	No data available.
2-Propanone	No data available.
Copper	No data available.
Naphtha (petroleum),light alkylate	No data available.
1H-Imidazole-1-ethanol, 2-(8-heptadecen-1-yl)-4,5-dihydro-	No data available.

**OTHER ADVERSE EFFECTS:** No data available.**13. Disposal Consideration****DISPOSAL INSTRUCTIONS:**

Discharge, treatment, or disposal may be subject to national, state or local laws. Do not allow to enter drains, sewers or watercourses.

**CONTAMINATED PACKAGING:**

No data available.

**14. Transportation Information**

**DOT:** UN Number: UN 1950  
**UN Proper Shipping Name:** Aerosols, flammable  
**Transport Hazard Class(es):**  
 Class: 2.1  
 Label(s): -  
 EmS No.:  
**Packing Group:** II.  
**Special Precautions for User:** Not regulated.

**IATA:** UN Number: UN 1950  
**UN Proper Shipping Name:** Aerosols, flammable  
**Transport Hazard Class(es):**  
 Class: 2.1  
 Label(s): -  
**Packing Group:** -  
**Special Precautions for User:** Not regulated.  
**Other Information:**  
**Passenger and Cargo Aircraft:** Allowed. 203  
**Cargo Aircraft Only:** Allowed. 203.

**IMDG:** UN Number: UN 1950  
**UN Proper Shipping Name:** Aerosols, flammable  
**Transport Hazard Class(es):**  
 Class: 2.1  
 Label(s): -  
 EmS No.: F-D, S-U  
**Packing Group:** -  
**Special Precautions for User:** Not regulated.

**15. Regulatory Information****US FEDERAL REGULATIONS:****Restrictions on use:** Not known.**TSCA Section 12(b) Export Notification (40 CFR 707, Subpt. D)****US. Toxic Substances Control Act (TSCA) Section 5(a)(2) Final Significant New Use Rules (SNURs) (40 CFR 721, Subpt E)****US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050), as amended:****Chemical Identity:**

Crystalline Silica

**OSHA Hazard(s):**Lung effects  
Immune system effects  
Cancer  
Kidney effects**CERCLA Hazardous Substance List (40 CFR 302.4):****Chemical Identity:**UNLISTED HAZARDOUS WASTES CHARACTERISTIC OF IGNITABILITY  
RCRA HAZARDOUS WASTE NO. D001  
Distillates (petroleum), hydrotreated light  
ACETONE  
COPPER

**SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 (SARA):****Hazard Categories:**

Flammable aerosol, Aspiration Hazard

**Environmental** US. EPCRA (SARA Title III) Section 304 Extremely hazardous Substances Reporting Quantities and the Comprehensive Response, Compensation, and Liability Act (CERCLA) hazardous Substances

US. EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III Section 313 Toxic Chemicals (40 FRE 372.65) – Supplier Notification Required

**Chemical Identity:** % by weight

Copper 1.0%

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

Clean Water Act Section 311 Hazardous Substances (40 CFR 117.3)

**US STATE REGULATIONS****US. California Proposition 65:**For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)**US. New Jersey Worker and Community Right-to-Know Act:****Chemical Identity:**Butane  
Distillates (petroleum), hydrotreated light  
Propane  
2-Propanone  
Copper**US. Massachusetts RTK - Substance List:****Chemical Identity:**

Crystalline Silica

**US. Pennsylvania RTK - Hazardous Substances:****Chemical Identity:**Butane  
Distillates (petroleum), hydrotreated light  
Propane  
2-Propanone  
Copper**US. Rhode Island RTK:**

No ingredient regulated by RI Right-to-Know Law present.

**INTERNATIONAL REGULATIONS****Montreal protocol:**Distillates (petroleum), hydrotreated light  
2-Propanone**Stockholm convention:**Distillates (petroleum), hydrotreated light  
2-Propanone**Rotterdam convention:**Distillates (petroleum), hydrotreated light  
2-Propanone**Kyoto protocol:****INVENTORY STATUS:**

Australia AICS	On or in compliance with the inventory
Canada DSL Inventory List	On or in compliance with the inventory
EINECS, ELINCS or NLP	Not in compliance with the inventory.
Japan (ENCS) List	Not in compliance with the inventory.
China Inv. Existing Chemical Substances	On or in compliance with the inventory
Korea Existing Chemicals Inv. (KECI)	On or in compliance with the inventory
Canada NDSL Inventory	Not in compliance with the inventory.
US TSCA Inventory	On or in compliance with the inventory
New Zealand Inventory of Chemicals	On or in compliance with the inventory
Japan ISHL Listing	Not in compliance with the inventory.
Japan Pharmacopoeia Listing	Not in compliance with the inventory.
Mexico INSQ	Not in compliance with the inventory.
Ontario Inventory	On or in compliance with the inventory
Taiwan Chemical Substance Inventory	On or in compliance with the inventory
Philippines PICCS	On or in compliance with the inventory

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

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